INITIAL SOIL INVESTIGATION REPORT
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1.0 INTRODUCTION

Langan CA, Inc. (Langan) was retained by California Resources Corporation (CRC; the Client), to conduct a soil investigation for the property located 2010 Goldenwest Street in Huntington Beach, California (Site). CRC is proposing a zone change to allow residential, commercial and open space uses on the property. The investigation was conducted to assess soil conditions in certain areas of the Site unencumbered by active infrastructure.

1.1 Site Description

The Site is identified as Orange County Assessor Parcel Numbers (APNs) 023-181-53 and 023-181-54. It is located in the City of Huntington Beach and consists of approximately 92 acres (see **Figure 1**). The Site is bounded to the southwest by Pacific Coast Highway, the Pacific Ocean is present to the southwest. Goldenwest Street adjoins the Site to the southeast and portions of Palm Avenue adjoin the northeast end of the Site. Seapoint Street divides the two parcels, with APN 023-181-53 to the northwest and APN 023-181-54 to the southeast. The Bolsa Chica Wetlands, oil fields and residential properties are present to the northwest/north. Further residential properties are present to the east and southeast.

1.2 Site Background

Prior to conducting subsurface investigations at the Site, historical aerial photographs and reasonably ascertainable environmental records (e.g., standard environmental database records, local environmental regulatory agency files, building permits, etc.) were reviewed to identify areas of potential environmental concern. Additionally, Langan conducted a site visit to inspect the facility. Langan was escorted by CRC representatives who provided further information regarding the Site and facility operations.

Documented oil field operations began on the Site as early as 1920 with the drilling of the first recorded oil well. Site use prior to 1920 is unknown. Presently, the Site consists of active, plugged and abandoned, and idle wells, pipelines, storage tanks, oil and gas processing equipment and storage, and office and warehouse buildings. Idle wells are scattered throughout the Site. Active wells are located along the southwestern portion of the Site. Historical pits are located adjacent to the active wells. Two stormwater detention ponds are located in the southeast portion of the Site.

The facility is used to process extracted crude oil from subsurface petroleum reservoirs; produced water and gas are byproducts of the oil extraction and are also processed at the facility.

The gas is processed to remove hydrogen sulfide (H_2S) along with other impurities to meet SoCal Gas quality specifications. The gas is then predominately sold to the SoCal Gas grid to be used in homes and businesses. As a safety back up, the gas can be flared off through a permitted combustion device. Produced water is processed to remove residual oil and solids and is reinjected into the subsurface oil reservoirs.

Oil and gas are also transported to the Site via transmission pipelines from Platform Emmy, which is located off the coast of Huntington Beach on a State Lease, and from the Bolsa Chica production area, which is located north of the Site. The former Fort Apache facility, located at 1810 Pacific Coast Highway, also transferred produced fluids to the Site via underground pipelines before operations ceased in early 2024. Product from off-site areas is transferred to the Site for processing, storage, and off-site distribution along with the product produced onsite.

Numerous features were identified on historical aerials for the Site, including, but not limited to, oil wells, oil well cellars, aboveground storage tanks (ASTs), pipelines, smokestacks, sumps, and buildings. Features of note are identified on **Figures 2** through **2E**. Based on Langan's review of these aerial photographs and historical records, the following areas of potential environmental concern were identified: Northwest Historical Tanks, Former Stretford Unit, Northern Historical Tank Farm, Pipe Laydown, Transformer Storage, Maintenance and Truck Wash Buildings, Former Underground Storage Tanks (USTs), Chemical Storage Area, Historical Bermed Area, Former Chemical Laboratory, Southern Historical Tank Farm, Historical Southern Sumps, and Historical Southern Battery areas. These areas are depicted on a modern aerial photograph in **Figure 3**. There are other areas of potential environmental concern noted from the historical aerial photographs; however, the areas included in **Figure 3** represent those areas accessible for investigation and not currently occupied by facility operations.

1.3 Shallow Soil Investigation Purpose

The purpose of this investigation described in this report was to help address potential environmental concerns associated with specific areas on the Site. Of the areas of potential environmental concern identified, the Northern Historical Tank Farm area, the Former Stretford Unit area, the Transformer Storage Area, and the Former Chemical Laboratory area were investigated (see **Figure 3**). Investigation began with a geophysical survey in these areas to help identify subsurface anomalies that could be indicative of historical oil field operations in these areas. Soil samples for environmental analyses were then collected from these areas. The geophysical survey was expanded to help identify anomalies in other areas of potential

environmental concern at the Site, including a Historical Southern Sump area and around the Central Site Buildings (i.e., Truck Wash and Maintenance Buildings (see **Figure 3**).

2.0 INVESTIGATION SUMMARY

2.1 Pre-Field Activities

2.1.1 Permitting

The Site is located in the Orange County Health Care Agency (OCHCA) well permitting jurisdiction; however, OCHCA does not require permits for soil borings that A) are less than 50 feet in depth, B) do not enter groundwater, C) do not penetrate significant confining material beds, and D) will be backfilled within 24 hours of completion. A permit with the OCHCA permit was not required.

2.1.2 Health and Safety Plan

Langan prepared a Site-specific health and safety plan (HASP) consistent with Occupational Safety and Health Administration (OSHA) hazardous waste operations and emergency response (HAZWOPER) requirements for the field investigation activities. The HASP also included safety requirements and guidance consistent with CRC policies for field operations. The HASP was maintained at the Site and implemented during the completion of the field activities.

2.2 Field Activities Summary

The following field scope of services was implemented between 20 November and 13 December 2024:

- Geophysical Survey
    - Northern Historical Tank Farm: 20 and 21 November 2024, 3 and 13 December 2024
    - Former Stretford Unit: 22 November 2024
    - Transformer Storage: 22 November 2024
    - Former Chemical Laboratory: 22 November 2024
    - Historical Sumps: 4 December 2024
    - Central Buildings: 5, 9, and 10 December 2024
- Soil Sampling
    - Former Stretford Unit: 25 November 2024
    - Transformer Storage: 25 and 25 November 2024

  - Former Chemical Laboratory: 3 December 2024
  - Northern Historical Tank Farm: 4, 5, and 6 December 2024
- Investigation Derived Waste Removal: To be completed at a later date.

The investigation locations are shown on **Figure 3**. Details regarding the environmental scope are described in **Sections 2.3, 2.4 & 2.5**.

2.3 Geophysical Survey

Advantage Geophysics, Inc. (AGI) surveyed the areas indicated in **Section 2.2**. Geophysical survey tools included a Geonics EM61-MK2 Time-Domain Electromagnetic Sensor, a GSSI SIR 3000 Ground Penetrating Radar, a Schonstedt GA-52 Magnetic Gradiometer, Fisher M-Scope TW-6 Pipe and Cable Locator, a Vivax vLoc3-Pro Line Tracer, a Geometrics G858 Cesium Vapor Magnetometer (Former Stretford Unit and Northern Historical Tank Farm areas only), and a Stonex S700a Global Navigation Satellite System Receiver. Other than in the areas of portable water tanks in the Northern Historical Tank Farm Area and buildings in the Central Site Buildings Area, the areas were able to be fully traversed with the geophysical tools.

Utilities identified during the survey were temporarily marked at the surface to help inform future soil sampling activities. Langan also called in an Underground Service Alert (USA), also known as DigAlert, ticket for future subsurface activities. USA Ticket Numbers A243250358, A243250364, and A243250370 were assigned to the Northern Historical Tank Farm/Former Stretford Unit area, Transformer Storage area, and Former Chemical Laboratory area, respectively. Subsurface work did not commence until responses had been received from all required members.

2.4 Soil Sampling

2.4.1 Soil Sampling Locations

A total of 49 soil borings were advanced at the Site. The sample locations are described in the list below:

- Eight borings were advanced in the Former Stretford Unit Area. These borings, identified as SB1 through SB8, are depicted on **Figure 4**.
- Eight borings were advanced in the Transformer Storage Area. These borings, identified as SB9 through SB16, are depicted on **Figure 5**.
- Eight borings were advanced in the Former Chemical Laboratory Area. These borings, identified as SB17 through SB24, are depicted on **Figure 6**.

- Twenty-four (24) borings were advanced in the Northern Historical Tank Farm Area. These borings, identified as SB25 through SB49, are depicted on **Figure 7**.

2.4.2 Boring Advancement

Soft-digging methods were utilized during the first five feet of each soil boring (at a minimum) to help further clear the boring locations for underground utilities. For borings located in hard surface cover (i.e., concrete or asphalt) or for borings whose planned terminal depth was five feet below ground surface (bgs), soft digging was conducted using a hand auger. Prior to hand augering, concrete or asphalt was first saw-cut until first encountered soil. For borings located in soft surface cover (i.e., dirt), soft-digging was completed using an air knife unit. At each boring location, an approximate one-foot by one-foot "L" was air knifed to five feet deep around the planned boring location. The "L" trench was then inspected for any evidence of utility lines entering into the boring location.

Once soft digging was completed, the remainder of each boring was advanced using a Geoprobe® direct push technology (DPT) rig.

Soft-digging and DPT drilling was conducted by ABC Liovin Drilling, Inc. (ABC) (California Contractor C-57 License No. 422904). "L" trenches were dug for soil borings SB25, SB27, SB29, SB31, SB33, SB35, SB37, SB39, SB45, SB48 and SB49. The remaining borings were first advanced using a hand auger.

During the drilling of boring SB49, sandy soil was encountered beyond five feet bgs. Little to no soil recovery was possible beyond this depth. Refusal was then encountered at twelve feet bgs. Encountered refusal was indicative of a hard, flat surface. A step-out boring attempt was made five-feet from the original boring location, but identical low recovery and refusal was again encountered. A deeper sample could not be retrieved from this boring.

No other adverse conditions were encountered during boring advancement.

2.4.3 Field Screening and Sample Collection

Retrieved soil samples were screened in the field for visual evidence of staining and using a hand-held photoionization detector (PID) for volatile organic compounds (VOCs). The soil type, texture, composition, color (as compared to a Munsell® Soil Chart) was logged in the field consistent with International American Society of Testing and Materials (ASTM) Standards D2487-17 and D488-17. Various soil types were observed in the borings (gravel, clay, sand, silt). PID readings of screened soil were between non-measurable (0.0 PPM) to 2,420 parts per million (ppm) in

sample SB9-0.5, Copies of the field observations, boring logs and PID readings are included in **Appendix A**.

Following field screening, samples collected for laboratory analysis were generally retrieved from the sampling depths below. These sampling depths were adjusted in the field if evidence of impact was more prevalent in a different depth interval. Shallow sample depths were also adjusted in areas where thick (greater than six inches) concrete surface cover was encountered:

- Samples in the Former Stretford Unit and Transformer Storage Areas were generally retrieved from 0.5 feet and 2 feet bgs. If evidence of impact was observed, a deeper sample was also collected from 5 feet bgs.
- Samples in the Former Chemical Laboratory and Northern Historical Tank Farm Areas were retrieved from 2, 5, and 15 feet bgs.

Soil samples for laboratory analysis were collected either from the end of the hand-auger bucket or from acetate liners retrieved by the DTP rig. Samples were collected into laboratory supplied containers. With the exception of sample SB31-2.0, samples collected for analysis of VOCs were collected into United States Environmental Protection Agency (USEPA) Method 5035 Sampling Kits. VOC analysis was performed from a standard sample container (i.e., glass jar) for SB31-2.0 as insufficient soil volume was available in the collected USEPA Method 5035 Sampling Kit. Each sample was individually identified, labeled, and stored in a chilled cooler. The samples were then transported under standard chain-of-custody procedures to a certified laboratory.

Soil sampling equipment was decontaminated between sampling locations with a triple-rinse wash (washed and brushed once in a detergent solution, then twice with clean water). To help verify proper decontamination of sampling equipment, an equipment blank sample was collected at the end of each day by running deionized water over the cleaned hand auger or DPT drilling rod and collecting the rinsate into the appropriate sampling containers. A trip blank sample prepared by the laboratory was also submitted at the end of each day to help verify integrity of the samples during transit. Field quality assurance samples were also documented on the chain of custody.

Field screening of soil retrieved from boring SB48 suggested that, in addition to the 2-, 5- and 15-foot bgs samples collected, impacted soil may have been present at between 8 and 9.5 feet bgs. PID readings of the soil were 7.3 parts per million (ppm). An additional sample (SB48-9.5) was collected from this soil and submitted to the laboratory. However, between transfer of the samples from the field team to the sample courier, SB48-9.5 was misplaced and was not received by the lab. No analytical data is available for this extra sample. Analytical results for samples

collected from SB48, including the deepest sample collected at 15 feet, were below applicable screening levels (see **Section 3.2.4**).

As discussed previously regarding boring SB49, little to no soil recovery was possible beyond five feet bgs and refusal was encountered at 12 feet bgs. A soil sample deeper than five feet bgs could not be collected from this boring.

No other limitations were encountered during field screening and sample collection.

2.4.4 Laboratory Analysis

Collected samples were submitted to Eurofins CalScience (National Environmental Lab Accreditation Program No. 4175) for analysis. Analytical methods included the following:

- USEPA Methods 6010B/7471A for California Title 22 Metals
- USEPA Method 8015B (M) for Total Petroleum Hydrocarbons (TPH) by carbon chain number C4-C40
- USEPA Method 8260B for VOCs
- USEPA Method 8270C/8270C SIM for Semi-Volatile Organic Compounds (SVOCs) and polycyclic aromatic hydrocarbons (PAHs)
- USEPA Method 8082 for polychlorinated biphenyls (PCBs)

Samples collected from each area were analyzed for the following:

- Samples collected from the Former Stretford Unit Area were analyzed for concentrations of metals. Soil that was observed to have staining or measurable amounts of VOCs when screened with the PID was also analyzed for concentrations of TPH, VOCs, SVOCs and PAHs.
- Samples collected from the Transformer Storage Area were analyzed for concentrations of PCBs. Soil that was observed to have staining or measurable amounts of VOCs when screened with the PID was also analyzed from concentrations of TPH, VOCs, SVOCs and PAHs.
- Samples collected from the Former Chemical Laboratory and Northern Historical Tank Farm Areas were analyzed for concentrations of metals, TPH, VOCs, SVOCs, and PAHs.

If necessary, collected samples were further analyzed to determine soluble concentrations of select analytes. Total analyte concentrations that were greater than ten times the §66261.24 Hazardous Waste Characteristic of Toxicity Soluble Threshold Limit Concentrations (STLC) but

less than the Total Threshold Limit Concentration (TTLC) were further analyzed following the Waste Extraction Test (WET) to determine their STLC component. Total analyte concentrations that were greater than twenty times the Toxicity Characteristic Leaching Procedure (TCLP) levels were further analyzed following USEPA Method 1311 TCLP.

Field equipment blank samples were analyzed by the same analytical methods (adjusted for water) submitted for soil samples on that day. Trip blanks samples were analyzed for concentrations of VOCs.

2.5 Surface Completion and Investigation Derived Waste

"L" trenches at the Site were backfilled using native soil. Soil borings advanced via hand auger or DPT rig were backfilled with bentonite to the surface. Each boring was completed to match the existing surface cover (i.e., dirt, asphalt, concrete).

Soil cuttings were stored in steel Department of Transportation (DOT) approved drums onsite. Decontamination water was stored in a separate steel DOT-approved drum onsite. A total of four soil drums and one water drum were generated as part of the investigation. Each of the drums was labeled with the generator, generation date and contents identified. A composite soil sample was collected from the soil drums for waste profiling purposes. The water drum was also profiled from the composite soil sample. The drums were profiled as non-hazardous and are currently awaiting pickup and removal at a later date. A complete of the complete waste manifest will be provided once then drums have been transported offsite and disposed of.

3.0 INVESTIGATION FINDINGS

3.1 Geophysical Survey Findings

The geophysical survey identified 12 candidate electromagnetic (EM) anomalies, two larger candidate backfilled excavation anomalies, seven candidate vapor magnetometer (MAG) anomalies, and numerous active utilities and unidentified lines in the surveyed areas. Numerous high EM responses potentially indicative of buried metallic utilities and former structures were present throughout. Several smaller possible excavations and utility trenches were also detected. The geophysical survey report provided by Advantage is included as **Appendix B**. The report includes figures depicting the locations of the identified anomalies. The findings for each surveyed area are summarized in the following subsections. In many cases, while the findings may be suggestive of or provide evidence that a particular subsurface feature may be present,

due to the complex nature of the site subsurface, more direct methods (i.e., earth-moving investigations) would be required to confirm any of the findings.

3.1.1 Former Stretford Unit and Historical Tank Farms Areas

Three EM anomalies were noted in this area. GPR traverses over these areas were inclusive and more direct methods would be required to determine the exact nature of these anomalies. The EM anomalies were located in close proximity to soil borings SB26, SB41, and SB48, respectively.

A large potential exaction was noted in this area. While the GPR findings are indicative of a former structure in this area, the exact cause is unknown. Soil borings SB27 and SB29 are located on the northwest edge of the excavation anomaly.

Seven (MAG) anomalies were noted in this area. While significant interference as the result of buried metallic objects was encountered when surveying with the MAG, the MAG responses in these seven areas were strong enough to potentially be the result of abandoned oil wells. Further and more direct methods would be required to confirm if abandoned oil wells are present in these areas. The MAG anomalies were located after soil borings in this area were advanced. Soil borings SB32, SB38, and SB39 were coincidentally located near three respective MAG anomalies, whereas the other MAG anomalies were located outside the soil borings array.

Three current sumps were identified in this area, located on the northeast perimeter, southwest perimeter, and western corner of the surveyed area. Active and inactive underground lines, former foundations, and other debris are present throughout the area.

3.1.2 Transformer Storage and Central Site Buildings Areas

Five EM anomalies were noted in this area. One of the anomalies is long and narrow, indicative of a foundation or utility line located north of the eastern corner building in this area. One of the other anomalies located just south of the long and narrow anomaly, just northwest of the eastern corner building, is more suggestive of a UST. Three other anomalies also suggestive of a UST were identified in the southern corner of this area. GPR traverses over these anomalies were inclusive and more direct methods would be needed to confirm the cause of the EM anomalies.

A GPR anomaly was identified just southwest of the eastern corner building. The anomaly is approximately 65 feet long, 13 feet wide, and 4 to 5 feet deep. Although the exact cause cannot be known, the disturbed soil in this area suggests something was removed.

Four septic tanks tied into the nearby buildings were identified during the survey. A current sump was identified in the eastern corner. A water well was identified on the southwest perimeter of the surveyed area. Numerous other utility lines are present.

3.1.3 Former Chemical Laboratory Area

Three EM anomalies were noted in this area. The first anomaly, located north of the east building corner, contained a cleanout cover connected to an apparent septic tank below. GPR traverses over this anomaly suggested a flat topped reinforced concrete structure was present. No aboveground indicators or suggestive GPR scans were noted in the area of the other two EM anomalies. More direct methods would be needed to determine the cause of these two anomalies. Soil borings SB18, SB19, and SB20 were located next to these anomalies, respectively.

3.1.4 Historical Southern Sumps Area

One EM anomaly was noted in this area. The anomaly is located northeast of the stormwater detention pond in the area, just beyond the point where asphalt surface cover transitions to dirt. While GPR traverses over the anomaly were inconclusive, the size and shape of the anomaly are suggestive of a UST. The presence of a subsurface pipe that terminates at the anomaly further supports this possibility. More direct methods would be needed to determine the exact cause of the EM anomaly.

A current sump was also identified in the northern corner of this area.

3.2 Soil Sampling Analytical Results

Laboratory analytical reports provided by Eurofins CalScience are included in **Appendix C.** The analytical results for collected soil samples are summarized by analyte group in the following tables:

- **Table 1** – Soil Analytical Results: Metals (Total Concentrations)
- **Table 2** – Soil Analytical Results: Metals (Soluble Concentrations)
- **Table 3** – Soil Analytical Results: Total Petroleum Hydrocarbons
- **Table 4** – Soil Analytical Results: Volatile Organic Compounds
- **Table 5** – Soil Analytical Results: Semi-Volatile Organic Compounds & Polycyclic Aromatic Hydrocarbons
- **Table 6** – Soil Analytical Results: Polychlorinated Biphenyls

Analyte concentrations identified above the method detection limits were compared to select screening levels. The method detection limit for VOC, SVOC, and PAH analytes that were identified in at least one sample were also compared to screening levels. Screening levels used for comparison were taken from the following sources, as appropriate and/or available.

- San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs), August 2025
- California Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Note Number 3 DTSC-modified Screening Levels (DTSC-SLs), June 2020-Revised April 2025
- USEPA Regional Screening Levels (RSLs), November 2024
- DTSC HHRA Note Number 11 Southern California Ambient Arsenic Screening Level, December 2020
- Federal and State Hazardous Waste Characteristics of Toxicity Levels (§66261.24)

For the SFBRWQCB ESLs, DTSC-SLs, and USEPA RSLS, the most stringent screening level available for human health exposure (residential, commercial/industrial, or construction worker receptors), leaching to groundwater, and gross contamination from these sources was used for comparison. Concentrations exceeding the compared screening level are indicated in **bold** in the summary tables.

Screening levels from the Huntington Beach Fire Department (HBFD) City Specification No. 431-92 Soil Quality Standard, October 2022, were also evaluated when selecting comparison criteria for the analytical results. The HBFD Soil Quality Standard provides screening levels for TPHs (full carbon chain), benzene, toluene, ethylbenzene, xylenes, and PAHs. The SFBRWQCB, DTSC, and/or USEPA screening levels referenced above are more conservative than these values with the exception of oil range TPH and select PAHs. The SFBRWQCB and USEPA screening levels for oil range TPH and PAHs are derived from compound specific toxicity values and physical properties[1] evaluated based on scenario specific exposure parameters. The HBFD screening levels are generalized for the entire range of TPH mixtures and family of PAH compounds. The

[1] Toxicity values and physical properties for TPH mixtures utilized by the SFBRWQCB and USEPA are based on the carbon chain fraction and a representative surrogate compound for calculating screening levels. The DTSC does not provided screening levels for TPH mixtures.

compound specific SFBRWQCB and USEPA screening levels were utilized to provide a more chemically relevant comparison level for the analytical results.

In several instances, SVOCs/PAHs detected by USEPA Method 8270C were also detected by USEPA Method 8270C SIM. The gas chromatography used in the basic 8270C method scans a large range of masses for an array of compounds. The SIM (selected ion monitoring) method allows data collection at specific mass indexes for target compounds. In **Table 5**, the following procedure was followed to determine whether the 8270C or the 8270C SIM result was included:

1. If either result is qualified because it exceeded the calibration range ("E") or it could not be verified and was rejected ("R"), the other result not qualified with "E" or "R" was included.
2. If both method results were not detected, the 8270C SIM reporting and method detection limit was included.
3. If the 8270C method result was not detected and the 8270C SIM method did detect a concentration, the 8270C SIM result was included.
4. If both method results identified a concentration, the higher of the two results was included.
5. If both method results identified a concentration and the concentrations were the same, the 8270C SIM result was included.

Both the 8270C and 8270C SIM results are included in the laboratory analytical reports in **Appendix C**.

Several of the analytical results included in the summary tables were qualified by Eurofins CalScience. Qualifiers with a significant bearing on the veracity of the analytical result are denoted in the summary tables. Other analytical or quality issues of less significance or that did not result in a qualified concentration value are chronicled in the job narratives of the complete laboratory analytical reports included in **Appendix C**.

Further summaries of the analytical results are provided by area in the following subsections.

3.2.1 Former Stretford Unit Area

Metal analysis of soil samples collected from the Former Stretford Unit Area identified concentrations of arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium, and zinc above the laboratory reporting or method detection limits (**Table 1**). Of these metals, only detections of cadmium in sample SB8-0.5 and

vanadium in samples SB2-0.5, SB4-0.5, SB5-0.5, SB6-1.5, and SB8-0.5 exceed the applicable screening level (DTSC-SL for residential soil, SFBRWQCB ESL for residential soil).

Concentrations of cadmium and vanadium in the aforementioned samples were high enough to warrant further analysis to determine if soluble concentrations may exceed Federal or State Hazardous Waste Characteristic of Toxicity Levels. STLCs for vanadium or cadmium (**Table 2**) exceeded State Hazardous Waste Characteristic of Toxicity Levels in samples SB2-0.5, SB4-0.5, SB5-0.5, SB6-1.5, and SB8-0.5. TCLP concentrations for these metals did not exceed Federal Hazardous Waste Characteristic of Toxicity Levels.

Although not detected in any of the samples, the method detection limit of thallium exceeded the applicable screening level (SFBRWQCB ESL for residential soil) in all the soil samples collected. There is no known evidence that the use of thallium was associated with Site operations.

Field screening of soil suggested that analysis of TPHs, VOCs, SVOCs, and PAHs was warranted for samples collected from borings SB2, SB6, and SB8. Gasoline, diesel, and oil range TPH was detected above method detection limits in all three borings (**Table 3)**. Gasoline range TPH exceeded the appliable screening level (SFBRWQCB ESL for odor nuisance) in SB6-2.0 only. Diesel range TPH exceeded the applicable screening level (SFBRWQCB ESL for residential soil) in SB2-0.5, SB6-1.5, and SB6-2.0.

VOC analysis of soil samples identified concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone (methyl ethyl ketone [MEK]), acetone, benzene, carbon disulfide, ethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, m,p-xylene, p-isopropyltoluene, sec-butylbenzene, tert-butyl alcohol (TBA), tetrachlorothene (PCE), toluene, and trichloroethene (TCE) above method detection limits (**Table 4**). Of these VOCs, detections of naphthalene in SB2-0.5 and SB6-2.0, and detections of TBA in SB2-0.5 and SB8-0.5 exceeded the applicable screening level (SFBRWQCB ESL for leaching to groundwater).

SVOC and PAH analysis of soil samples identified concentrations of 1-methylnapthalene, 2-methylnapthalene, acenaphthene, anthracene, benzo[g,h,i]perylene, benzon[k]fluoranthene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, dibenzofuran, fluoranthene, fluorene, indenol[1,2,3-cd]pyrene, naphthalene, phenanthrene, and pyrene above method detection limits (**Table 5**). Of these analytes, only concentrations of 1-methylnapthalene, 2-methylnapthalene, and naphthalene in SB2-0.5, SB2-2.0, SB6-1.5, SB6-2.0, and SB8-0.5 exceeded the applicable screening levels (USEPA RSL for residential soil, SFBRWQCB ESL for leaching to groundwater).

Soil borings in the Former Stretford Unit Area that contained soil with analyte concentrations exceeding applicable screening levels are *italicized* in **Figure 4**. Concentrations exceeding screening levels were not observed in any samples beyond two feet bgs.

3.2.2 Transformer Storage Area

PCB analysis of soil samples collected from the Transformer Storage Area did not identify any concentrations of PCBs above method detection limits (**Table 6**).

Field screening of soil suggested that analysis of TPHs, VOCs, SVOCs, and PAHs was warranted for samples collected from borings SB9. Gasoline, diesel, and oil range TPH exceeded the appliable screening level (SFBRWQCB ESL for odor nuisance, SFBRWQCB ESL for residential soil, SFBRWQCB ESL for gross contamination) in SB9-0.5 only (**Table 3**).

VOC analysis of soil samples from boring SB9 identified concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, MEK, acetone, ethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, m,p-xylene, p-isopropyltoluene, sec-butylbenzene, TBA, and toluene above method detection limits (**Table 4**). Of these VOCs, only the concentration of naphthalene and TBA in SB9-0.5 exceeded the applicable screening level (SFBRWQCB ESL for leaching to groundwater).

SVOC and PAH analysis of soil samples from boring SB9 identified concentrations of 1-methylnapthalene, 2-methylnapthalene, acenaphthene, anthracene, benzo[g,h,i]perylene, benzo[a]anthracene, chrysene, fluorene, naphthalene, phenanthrene, and pyrene above method detection limits (**Table 5**). Of these analytes, only concentrations of 1-methylnapthalene, 2-methylnapthalene, and naphthalene in SB9-0.5 exceeded the applicable screening levels (USEPA RSL for residential soil, SFBRWQCB ESL for leaching to groundwater).

Soil borings in the Transformer Storage Area that contained soil with analyte concentrations exceeding applicable screening levels are *italicized* in **Figure 5**. Concentrations exceeding screening levels were not observed in any samples beyond 0.5 feet bgs.

3.2.3 Former Chemical Laboratory Area

Metal analysis of soil samples collected from the Former Chemical Laboratory Area identified concentrations of arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, lead, mercury, molybdenum, nickel, vanadium, and zinc above method detection limits (**Table 1**). Of these metals, only detections of arsenic in sample SB17-2.0, barium in samples SB18-2.0 and SB21-2.0, and mercury in samples SB19-2.0 and SB-20-2.0 exceeded applicable screening levels

(DTSC ambient arsenic level for Southern California, SFBRWQCB ESL for construction worker soil, DTSC-SL for residential soil).

Although not detected in any of the samples, the method detection limit of the thallium exceeded the applicable screening level (SFBRWQCB ESL for residential soil) in all the soil samples collected. There is no known evidence that the use of thallium was associated with Site operations.

Concentrations of barium in samples SB17-2.0, SB18-2.0, SB21-2.0, and SB22-2.0 and concentrations of mercury in samples SB19-2.0 and SB20-2.0 were high enough to warrant further analysis to determine if soluble concentrations may exceed Federal or State Hazardous Waste Characteristic of Toxicity Levels. None of the soluble concentrations of these metals in these samples exceeded either the Federal or State Hazardous Waste Characteristic of Toxicity Levels (**Table 2**).

Gasoline, diesel, and oil range TPH was detected above method detection limits in all Former Chemical Laboratory Area borings (**Table 3**). Of these detections, only diesel range TPH concentrations exceeded the screening level (SFBRWQCB ESL for residential soil) in samples SB-18-2.0, SB19-2.0, SB20-2.0, SB21-2.0, SB22-2.0, SB22-5.0, and SB23-2.0.

VOC analysis identified concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, MEK, acetone, benzene, carbon disulfide, chlorobenzene, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, o-xylene, m,p-xylene, p-isopropyltoluene, sec-butylbenzene, TBA, and toluene above method detection limits in several samples (**Table 4**). Of these VOCs, only the concentration of TBA in SB19-2.0, SB21-5.0 and SB23-5.0 exceeded the applicable screening level (SFBRWQCB ESL for leaching to groundwater).

SVOC and PAH analysis identified concentrations of 1-methylnapthalene, 2-methylnapthalene, acenaphthene, benzo[g,h,i]perylene, benzo[a]anthracene, benzo[a]pyrene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene in several samples (**Table 5**). Of these SVOCs/PAHs, only concentrations of 1-methylnapthalene, 2-methylnapthalene, benzo[a]pyrene, and/or naphthalene in samples SB19-2.0, SB21-2.0, and SB21-5.0 exceeded screening levels (USEPA RSL for residential soil, SFBRWQCB ESL for leaching to groundwater, SFBRWQCB ESL for residential soil).

Soil borings in the Former Chemical Laboratory Area that contained soil with analyte concentrations exceeding applicable screening levels are *italicized* in **Figure 6**. Concentrations exceeding screening levels were not observed in any samples beyond five feet bgs.

3.2.4 Northern Historical Tank Farm

Metal analysis of soil samples collected from the Northern Historical Tank Farm Area identified concentrations of arsenic, barium, beryllium, cadmium, total chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, vanadium, and zinc above the laboratory method detection limits (**Table 1**). Of these metals, only a single detection of arsenic in sample SB33-1.5 exceeded the applicable screening level (DTSC ambient arsenic level for Southern California).

Although not detected in any of the samples, the method detection limit of thallium exceeded the applicable screening level (SFBRWQCB ESL for residential soil) in all the soil samples collected. There is no known evidence that the use of thallium was associated with Site operations.

Gasoline, diesel, and oil range TPH was detected above method detection limits in multiple samples collected from the Northern Historical Tank Farm (**Table 3**). Of these detections, only samples SB26-2.0, SB27-1.0, SB29-2.0, SB31-2.0, SB33-1.5, SB35-2.0, SB39-2.0, SB44-2.0, and SB44-5.0 contained concentrations that exceeded applicable screening levels (SFBRWQCB ESL for odor nuisance, SFBRWQCB ESL for residential soil, SFBRWQCB ESL for gross contamination).

VOC analysis identified concentrations of 1,1,2-trichloroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 4-methyl-2-pentanone (MIBK), MEK, acetone, benzene, bromodichloromethane, bromoform, carbon disulfide, chloroform[2], cis-1,2-dichloroethene, ethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, o-xylene, m,p-xylene, total xylenes, p-isopropyltoluene, sec-butylbenzene, TBA, tetrachloroethene, toluene, trichloroethene and vinyl chloride (**Table 4**). Of these VOCs, only detections of benzene, chloroform, ethylbenzene, naphthalene, and TBA exceeded screening levels (SFBRWQCB ESL for leaching to groundwater).

SVOC and PAH analysis identified concentrations of 1-methylnapthalene, 2-methylnapthalene, acenaphthene, anthracene, chrysene, fluoranthene, fluorene, naphthalene, phenanthrene, and pyrene. Of these SVOCs/PAHs, only concentrations of 1-methylnapthalene, 2-methylnapthalene,

[2] The single concentration of chloroform identified above method detection limits was found in sample SB31-2.0. The analytical result was qualified as chloroform was identified in the analysis batch blank and may not be the result of site contamination (*i.e.*, likely associated with laboratory contamination).

and naphthalene exceeded screening levels (USEPA RSL for Residential Soil, SFBRWQCB ESL for leaching to groundwater) in samples SB26-2.0, SB29-2.0, SB31-2.0, SB33-1.5, SB35-2.0, SB39-2.0, and SB44-2.0.

Soil borings in the Northern Historical Tank Farm that contained soil with analyte concentrations exceeding applicable screening levels are *italicized* in **Figure 7**. Concentrations exceeding screening levels were not observed in any samples beyond five feet bgs.

3.2.5 Field Quality Assurance Samples

Barium was detected above the method detection limit but below the laboratory reporting limit at 1.60 micrograms per liter (µg/L) in the equipment blank sample collected on 25 November 2024. Acetone was detected above the method detection limit but below the laboratory reporting limit in the equipment blank samples collected on 5 December 2024. No other analytes were detected above method detection limits in any of the equipment blank samples.

No VOCs were identified above method detection limits in any of the trip blank samples analyzed.

4.0 CONCLUSIONS

Langan completed this investigation to help address potential environmental concerns associated with specific areas at the Site. The investigation included a geophysical survey and soil sampling. Findings and conclusions for each area are outlined below.

4.1 Former Stretford Unit Area

The geophysical survey in the Former Stretford Unit Area did not identify any significant subsurface anomalies.

A total of eight borings were advanced in this area with 19 soil samples collected for laboratory analysis. Five of the eight borings had soil samples with analyte concentrations exceeding screening levels. Vanadium exceeded screening levels in each of these five borings. Soluble concentrations of vanadium or cadmium in these five borings also exceeded California hazardous waste levels but were below Federal hazardous waste levels. Three of the eight borings also contained soil concentrations or method detection limits of TPH, VOCs, and SVOCs/PAHs exceeding screening levels. Metal concentrations exceeding screening levels were delineated to the upper 1.5 feet bgs of soil; TPH, VOC, and SVOC/PAH concentrations exceeding screening levels were delineated to the upper two feet bgs of soil. Borings with exceedances are laterally delineated to the northwest and northeast. Borings with exceedances were present on the

southwest and southeast perimeter of the Former Stretford Unit Area soil borings array. A pipeline channel located immediately southwest of the Former Stretford Unit restricts access for advancing soil borings in that area.

4.2 Transformer Storage Area

The geophysical survey in the Transformer Storage Area did not identify any significant subsurface anomalies.

A total of eight borings were advanced in this area with 17 soil samples collected for laboratory analysis. None of the analyzed samples contained any concentrations of PCBs over detection limits. One boring contained soil concentrations of TPH, VOCs, and SVOCs/PAHs exceeding screening levels. Exceedances in this single boring were confined to the upper 0.5 feet bgs of soil. The single boring with exceedances was located on the northwest perimeter of the Transformer Storage Area soil borings array.

4.3 Former Chemical Laboratory

The geophysical survey of the Former Chemical Laboratory Area identified three subsurface anomalies, one of which was evident to be the result of a septic tank. Soil borings were located next to these anomalies.

A total of eight borings were advanced in this area with 24 soil samples collected for laboratory analysis. Seven of the eight borings had soil samples with analyte concentrations exceeding screening levels. Arsenic exceeded background levels in one boring; barium exceeded screening levels in two borings. TPH concentrations exceeded screening levels in five borings. VOC method concentrations exceeded screening levels in two of the borings. SVOC/PAH concentrations exceeded screening levels in two of the borings. Metal concentrations exceeding screening levels were delineated to the upper 0.5 feet bgs of soil; TPH and VOC concentrations/method detection limits exceeding screening levels were delineated to the upper two feet bgs of soil; SVOC/PAH concentrations exceeding screening levels were delineated to the upper five feet bgs of soil. Borings with exceedances were distributed throughout the Former Chemical Laboratory Area, with the exception of SB24, which is located along the southern perimeter of the soil boring array.

4.4 Northern Historical Tank Farm

The geophysical survey of the Northern Historical Tank Farm Area identified several subsurface anomalies. Soil borings were located next to EM anomalies and a potential excavation area.

Several anomalies suggestive of abandoned oil wells were identified; however, significant interference was encountered when identifying these anomalies and further investigation would be needed to confirm the presence of the wells. The potential oil well anomalies were identified after soil borings were advanced; however, several borings were coincidentally located next to these anomalies.

A total of 25 borings were advanced in this area with 74 soil samples collected for laboratory analysis. Nine of 25 borings had soil samples with analyte concentrations exceeding screening levels. Arsenic exceeded ambient levels in one boring. TPH concentrations exceeded screening levels in eight borings. VOC and SVOC/PAH concentrations exceeded screening levels in twelve borings. Metal, TPH, and SVOC/PAH concentrations exceeding screening levels were delineated to the upper two feet bgs of soil, with the exception of TPH at SB44-5.0. VOCs concentrations were delineated to the upper 15 feet bgs.. Borings with exceedances were laterally delineated with the exception of SB26, SB27, and SB39 to the northeast and SB44 to the southwest.

While it cannot be confirmed based on this investigation, encountered soil and drilling refusal suggest that SB49 may be located over a water detention basin that was abandoned in place with imported backfill. The geophysical survey in this area did not identify any significant anomalies in this area, although five to 12 feet bgs is beyond the general visibility depth of the utilized methods.

4.5 Historical Southern Sumps

The geophysical survey of the Historical Southern Sumps Area identified one anomaly that is potentially the result of a UST. This area is planned for future investigation, which will include the identified anomaly.

4.6 Central Site Buildings

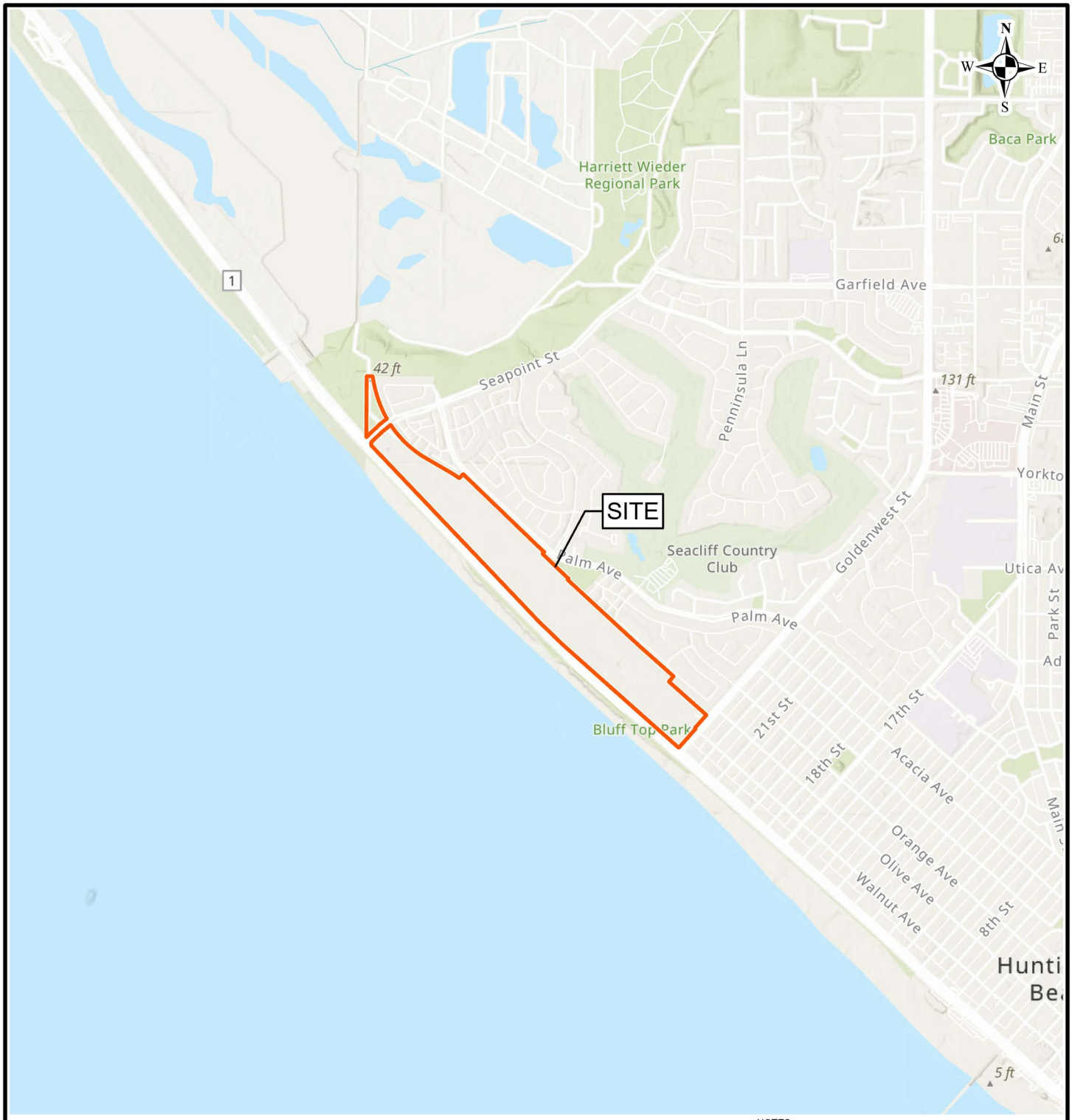
The geophysical survey of the Central Site Buildings Area (i.e., Truck Wash and Maintenance Buildings) identified several subsurface anomalies. Some of the anomalies were suggestive of USTs and one was suggestive of a former excavation area. This area is planned for future investigation, which will include the identified anomalies.

5.0 DISCLAIMER

The environmental and geochemical conditions that Langan interprets to exist between sampling points will differ from those that actually exist. The user of this report recognizes that actual conditions will vary from those encountered at the locations where sampling, surveys,

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FIGURES



Legend

Approximate Site Boundary

NOTES:
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Figure Title
SITE LOCATION MAP

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3. Parcel data provided by Orange County.
4. Groundwater flow direction inferred from review of topographic maps.

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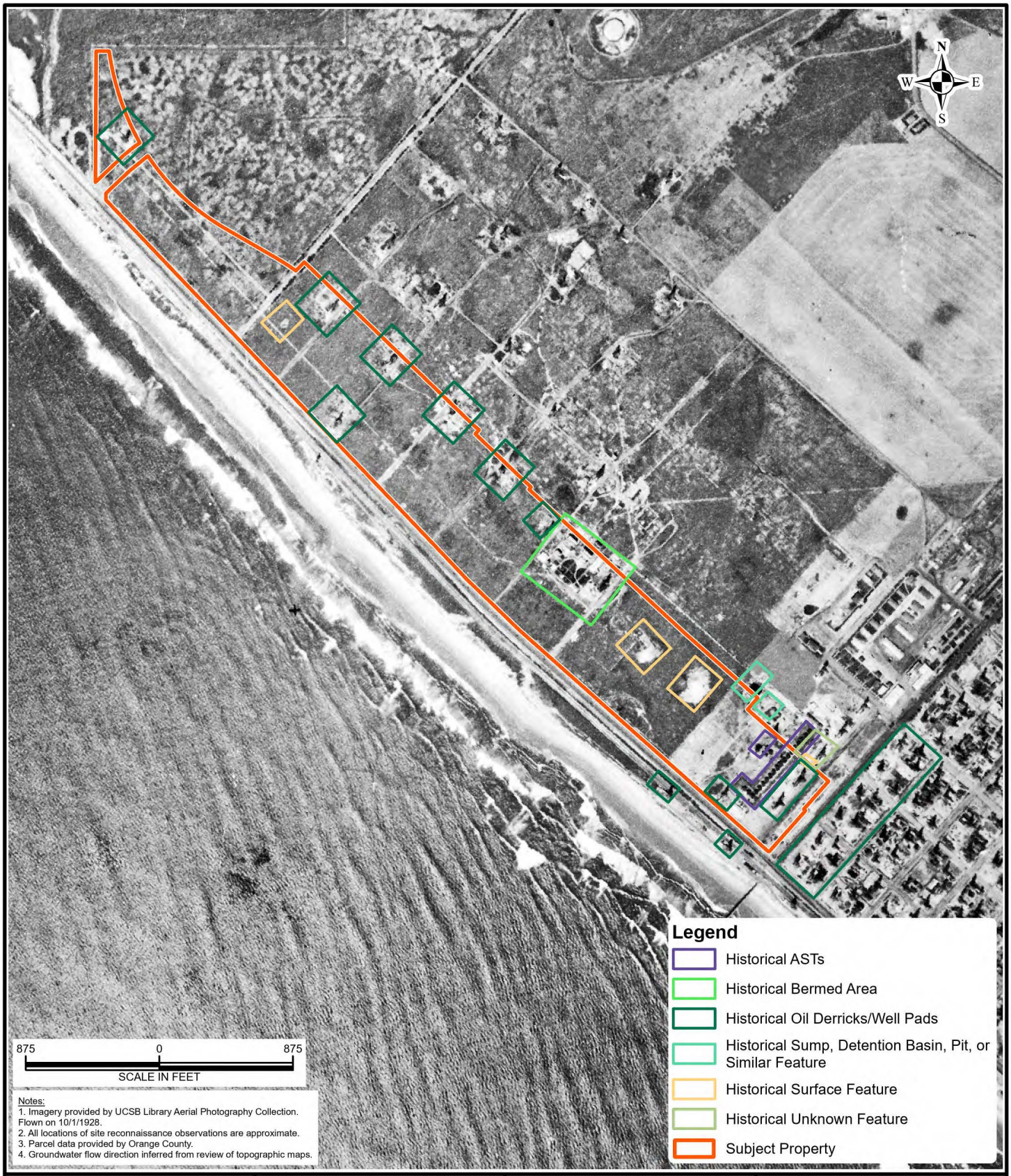
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Project	Figure Title	Project No.	Figure
CRC HUNTINGTON BEACH FACILITY HUNTINGTON BEACH ORANGE COUNTY CALIFORNIA	SUBJECT PROPERTY LAYOUT	700152701	2
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Figure Title
SUBJECT PROPERTY LAYOUT - 1920s

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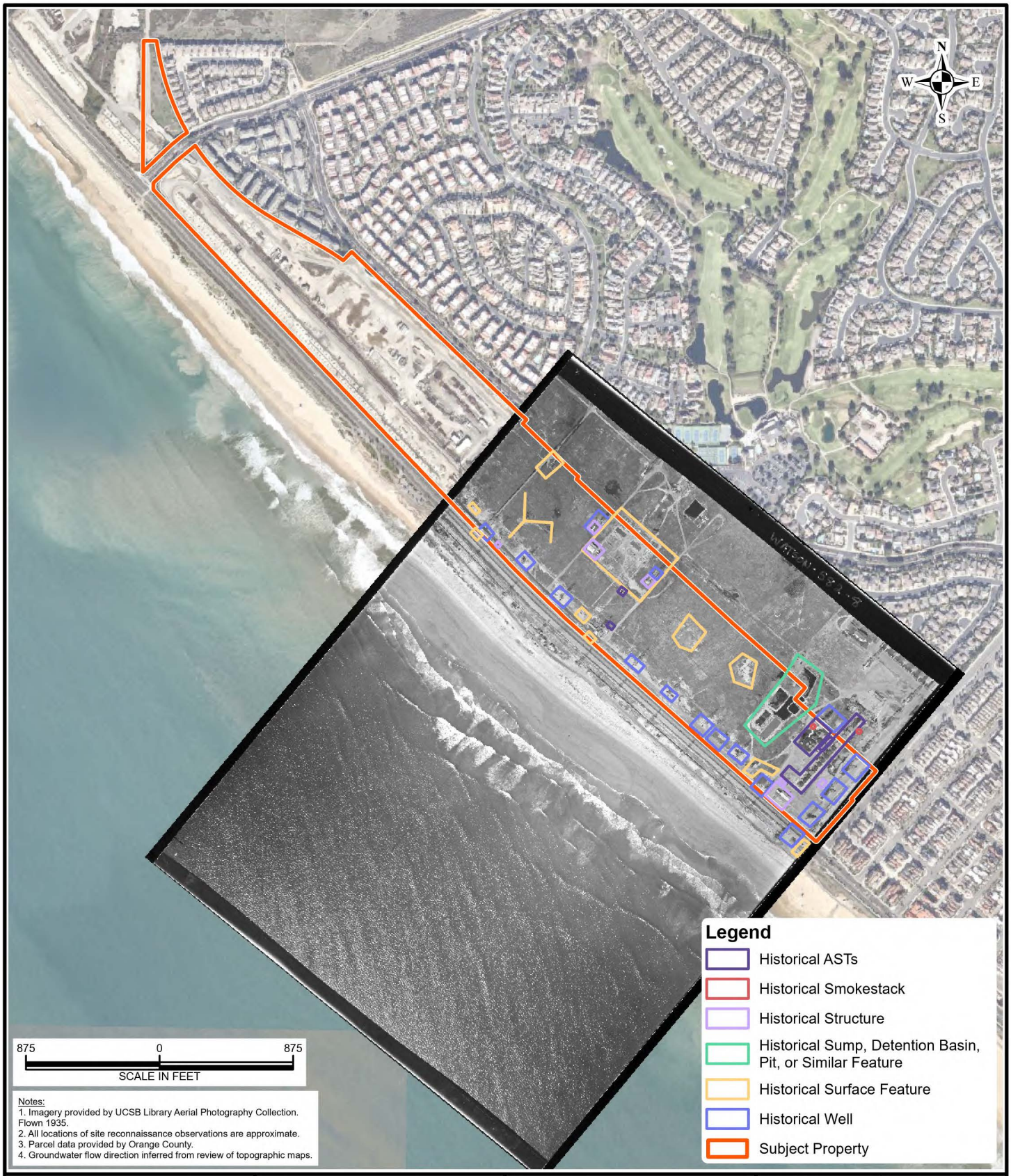
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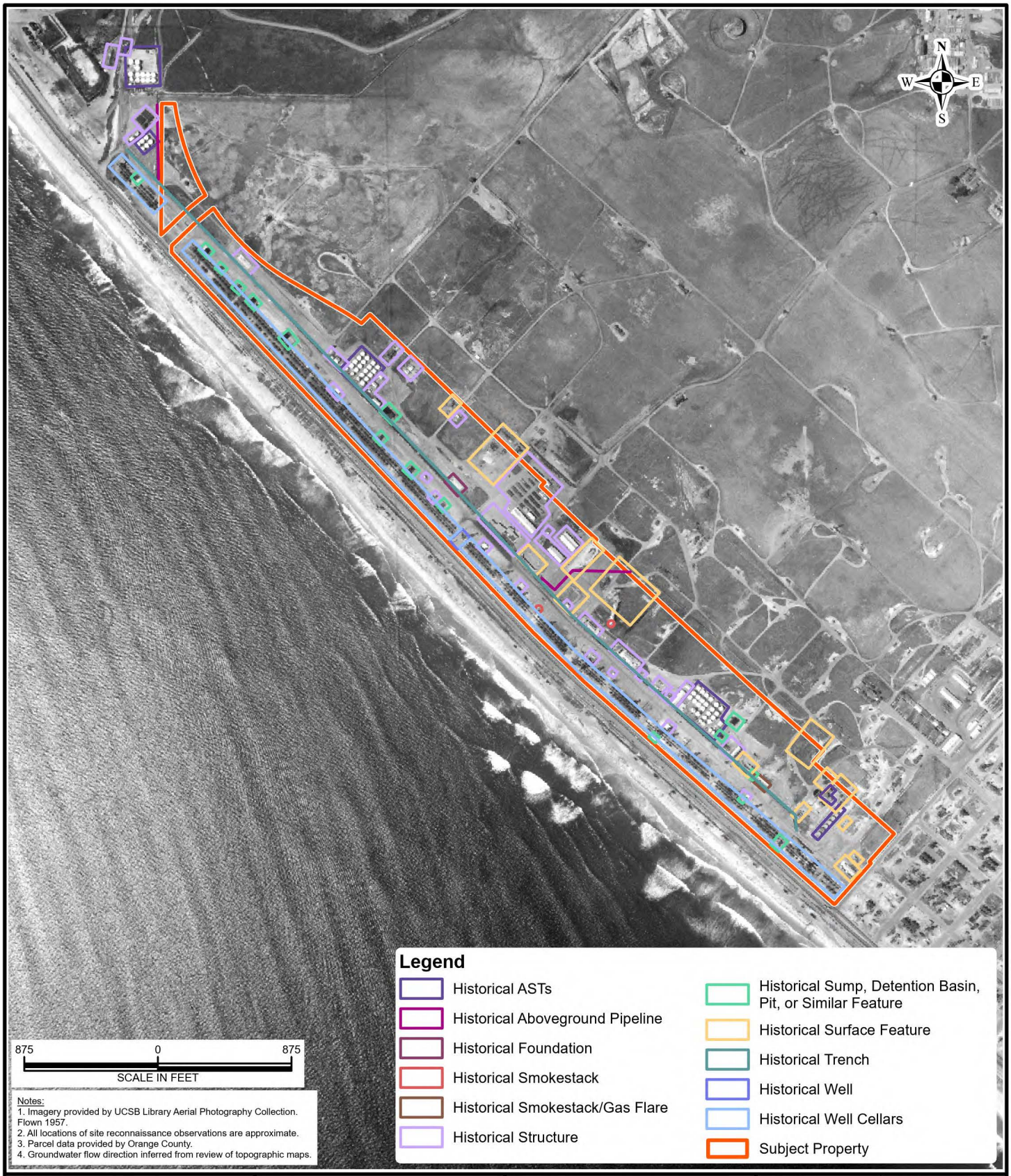
Figure Title
SUBJECT PROPERTY LAYOUT - 1930s

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SUBJECT PROPERTY LAYOUT - 1950s

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Figure Title
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Figure Title
SUBJECT PROPERTY LAYOUT - 2000s

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Submission Date: September 2025	



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Figure Name
Former Stretford Unit Area Soil Borings

Figure No.
4



● Soil Boring Location
Italicized boring locations contain soil concentrations exceeding screening levels

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Figure Name
Former Chemical Laboratory Area Soil Borings

Figure No.
5



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Figure Name
Transformer Storage Area Soil Borings

Figure No.
5

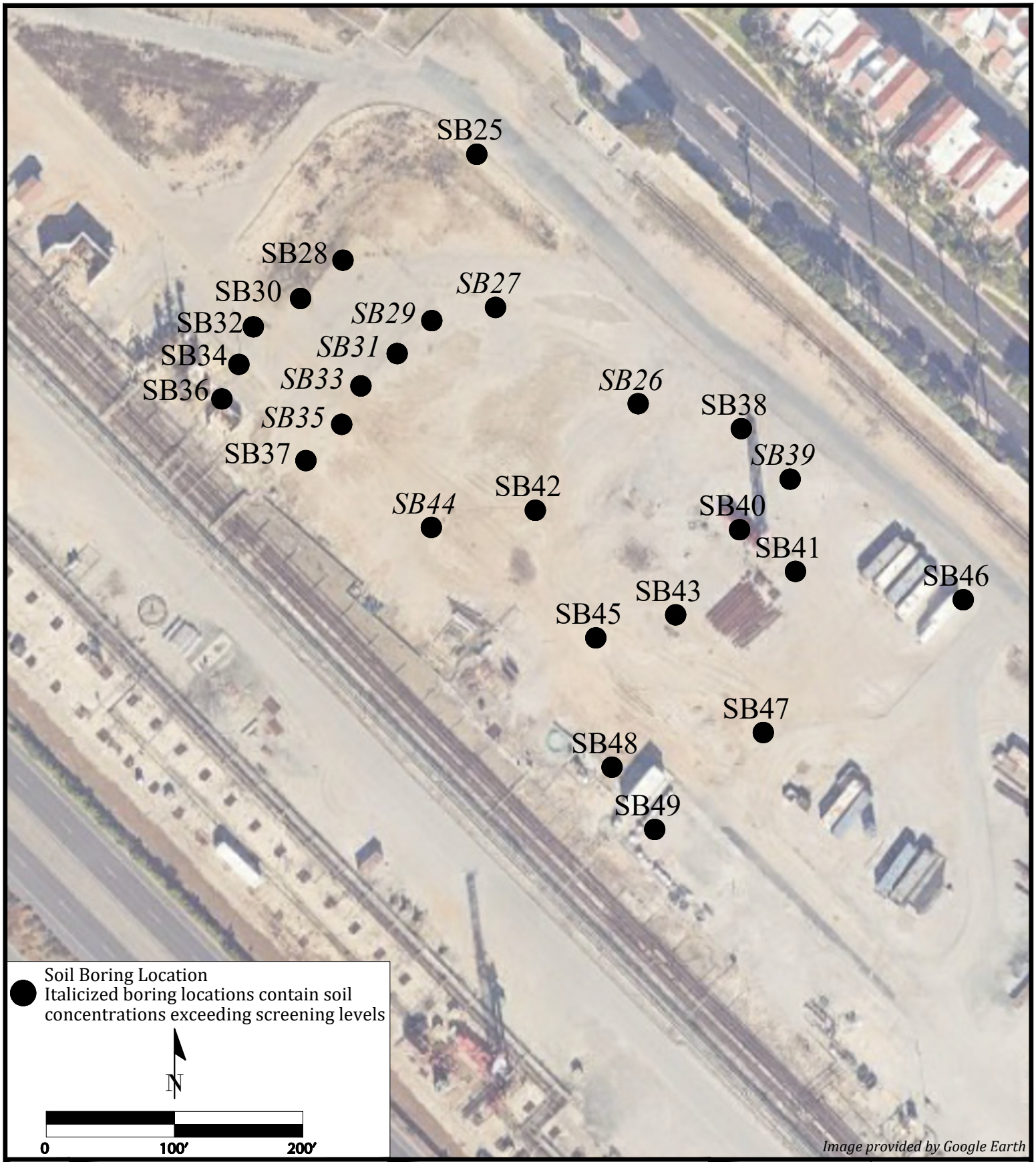


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Figure Name: **Northern Historical Tank Farm Area Soil Borings**

Figure No.: **6**



● Soil Boring Location
Italicized boring locations contain soil concentrations exceeding screening levels

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Figure Name
Former Chemical Laboratory Area Soil Borings

Figure No.
6

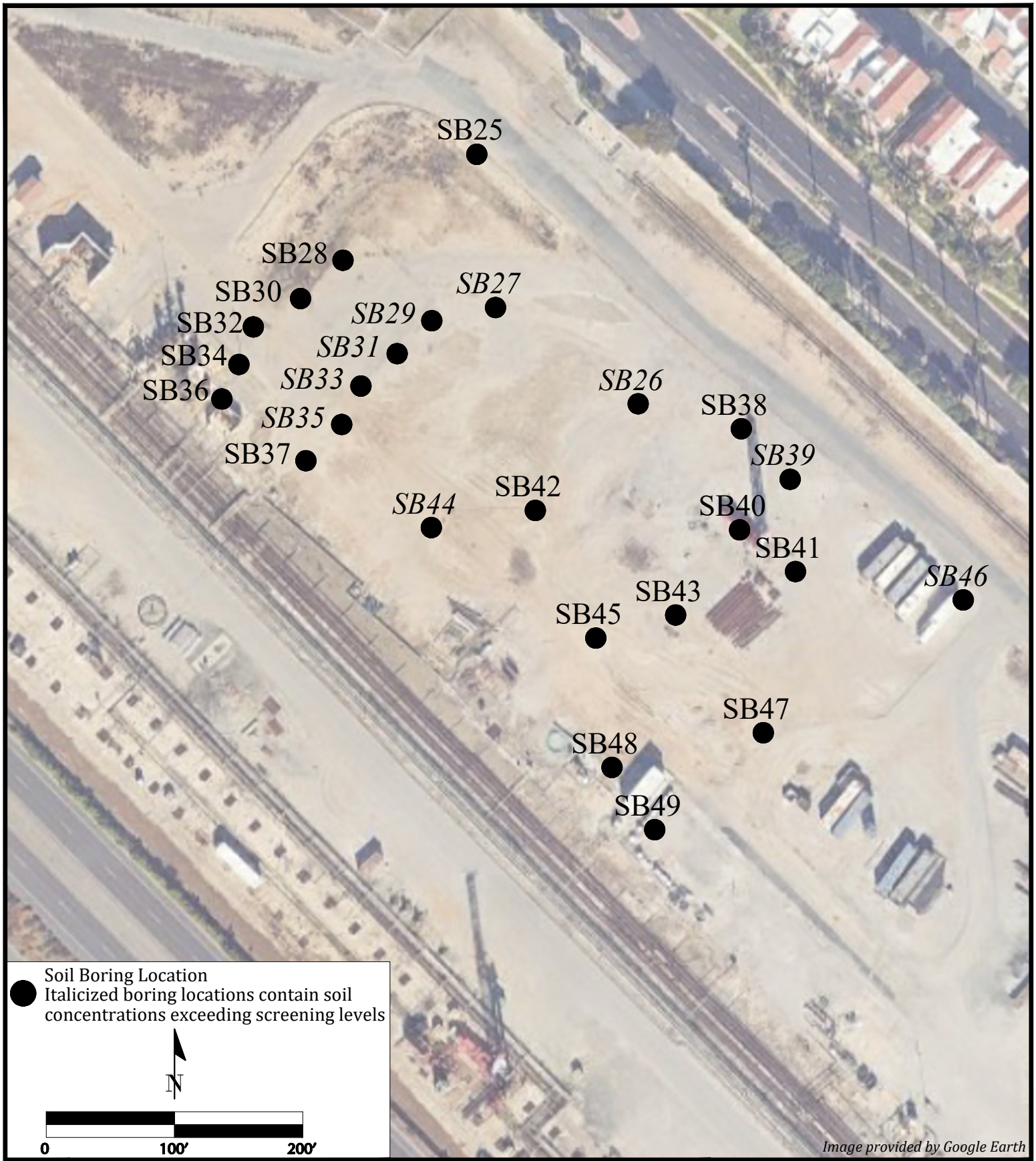


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Date	December 2024
Scale	1" = 20'
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Figure Name: **Northern Historical Tank Farm Area Soil Borings**

Figure No.: **7**

TABLES

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB1	SB1	SB2	SB2	SB2	SB3	SB3	SB4	SB4	SB5	SB5	SB6	SB6	SB6	SB7	SB7	SB8	SB8	SB8	SB17	SB17
				Sample Name	SB1-1.5	SB1-2.5	SB2-0.5	SB2-2.0	SB2-5.0	SB3-0.5	SB3-2.0	SB4-0.5	SB4-2.0	SB5-0.5	SB5-2.0	SB6-1.5	SB6-2.0	SB6-5.0	SB7-0.5	SB7-2.0	SB8-0.5	SB8-2.0	SB8-5.0	SB17-2.0	SB17-5.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	12/03/2024	12/03/2024
				Sample Depth	1.5	2.5	0.5	2	5	0.5	2	0.5	2	0.5	2	1.5	2	5	0.5	2	0.5	2	5	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																									
Antimony	7440-36-0	31	3	mg/kg	<6.73 U	<7.54 U	<6.2 U	<7.05 U	<7.25 U	<5.85 U	<6.26 U	<6.6 U	<7.11 U	<6.76 U	<6.27 U	<7.36 U	<5.81 U	<8.68 U	<7.01 U	<5.8 U	<7.44 U	<6.15 U	<7.37 U	<6.37 U	<6.79 U
Arsenic	7440-38-2	**12**	7	mg/kg	4.19	2.93 J	4.53	5.38	3.43 J	4.93	2.72 J	3.24 J	<2.44 U	2.41 J	<2.15 U	2.94 J	3.84	6.69	4.09	2.73 J	5.05	3.04 J	6.88	**13.2**	4.76
Barium	7440-39-3	**2200**	2	mg/kg	70.4	81.8	196	64.3	79.8	77.8	55.6	75	70.8	38	70.2	59.1	63.3	110	390	47.2	212	56.2	71	**2,390**	210
Beryllium	7440-41-7	16	3	mg/kg	0.404 J	0.613	<0.103 U	0.598	0.769	0.331 J	0.31 J	<0.11 U	0.276 J	<0.112 U	0.399 J	<0.122 U	0.37 J	0.767	<0.117 U	0.287 J	0.289 J	0.326 J	0.782	0.383 J	0.913
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.182 U	<0.204 U	3.02	<0.191 U	<0.196 U	0.662	<0.169 U	<0.179 U	0.301 J	0.43 J	<0.17 U	<0.199 U	<0.157 U	<0.235 U	<0.19 U	<0.157 U	**25.6**	<0.166 U	<0.199 U	<0.172 U	<0.184 U
Chromium, Total	7440-47-3	NS		mg/kg	18.7 B	23.8 B	19.1 B	25.3 B	29.4 B	15.2 B	16.3 B	14.1 B	17.8 B	42.5 B	18.9 B	12.2 B	18.7 B	31.5 B	14.4 B	15.5 B	32.1 B	16.3 B	28.3 B	39.1	32.1
Cobalt	7440-48-4	23	3	mg/kg	7.94	9.68	4.43	8.65	10.9	9.79	7.39	3.03	6.96	2.29 J	7.65	6.04	7.19	11.3	9.47	5.18	8.76	6.22	9.28	4.82	10
Copper	7440-50-8	3100	3	mg/kg	11.5	14.2	40.7	15.7	15.7	25.8	12.7	14.1	16	12.7	17	14.1	15.5	16.1	17.8	12	191	13	18.6	13.9	19.2
Lead	7439-92-1	80	3	mg/kg	4.59	8.11	19.7	7.05	8.22	9.77	4.85	10.6	31.8	5.76	6.34	7.36	5.75	7.52	37.8	9.41	26.9	4.46	8.39	21.4	10.1
Mercury	7439-97-6	**0.67**	6	mg/kg	<0.0257 U	0.0362 J	0.159	<0.0255 U	<0.0286 U	0.0722 J	<0.025 U	0.145	<0.0281 U	0.0993	<0.0272 U	0.347	<0.0298 U	<0.0301 U	0.194	<0.0249 U	0.0511 J	<0.0255 U	<0.0271 U	0.0736 J	0.0465 J
Molybdenum	7439-98-7	390	3	mg/kg	<1.17 U	<1.31 U	3.04 J	<1.22 U	<1.26 U	<1.01 U	<1.08 U	<1.14 U	<1.23 U	<1.17 U	<1.09 U	<1.28 U	<1.01 U	<1.5 U	1.66 J	<1 U	1.45 J	<1.07 U	<1.28 U	<1.1 U	<1.18 U
Nickel	7440-02-0	63	2	mg/kg	12.2	21.2	19.5	18	21.5	15.1	8.94	10.1	11.2	20.6	9.51	8.87	10.3	19.8	12.5	7.97	40.3	9	19.5	12.1	20
Selenium	7782-49-2	390	3	mg/kg	<1.86 U	<2.09 U	<1.72 U	<1.95 U	<2.01 U	<1.62 U	<1.73 U	<1.83 U	<1.97 U	<1.87 U	<1.74 U	<2.04 U	<1.61 U	<2.4 U	<1.94 U	<1.6 U	<2.06 U	<1.7 U	<2.04 U	<1.76 U	<1.88 U
Silver	7440-22-4	390	3	mg/kg	<0.505 U	<0.567 U	<0.466 U	<0.53 U	<0.544 U	<0.44 U	<0.47 U	<0.496 U	<0.534 U	<0.508 U	<0.471 U	<0.553 U	<0.436 U	<0.652 U	<0.527 U	<0.435 U	<0.559 U	<0.462 U	<0.554 U	<0.478 U	<0.51 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<3.4 U**	**<3.81 U**	**<3.13 U**	**<3.56 U**	**<3.66 U**	**<2.96 U**	**<3.16 U**	**<3.33 U**	**<3.59 U**	**<3.41 U**	**<3.17 U**	**<3.72 U**	**<2.93 U**	**<4.38 U**	**<3.54 U**	**<2.93 U**	**<3.76 U**	**<3.1 U**	**<3.72 U**	**<3.21 U**	**<3.43 U**
Vanadium	7440-62-2	**390**	3	mg/kg	39.4	39.5	**1,610**	59.6	69.9	105	31.8	**482**	104	**1,400**	34.3	**1,600**	68.8	54.1	143	30	**686**	34.1	54.3	25.5	51.2
Zinc	7440-66-6	23000	3	mg/kg	36.2	50.3	1,110	48.6	60.6	89.8	33.9	39.2	49.7	67.1	38.5	52.4	40	56.2	38.3	31.4	1,960	33	61.4	54.1	74.2

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB17	SB18	SB18	SB18	SB19	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24	SB24
				Sample Name	SB17-15.0	SB18-2.0	SB18-5.0	SB18-14.0	SB19-2.0	SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0	SB24-5.0
				Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	15	2	5	14	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																									
Antimony	7440-36-0	31	3	mg/kg	<7.35 U	<6.31 U	<6.7 U	<7.13 U	<5.89 U	<6.74 U	<6.84 U	<6.45 U	<6.13 U	<6.12 U	<6.32 U	<6.77 U	<6.98 U	<6.05 U	<7 U	<6.71 U	<6.74 U	<6.21 U	<7.03 U	<5.59 U	<6.45 U
Arsenic	7440-38-2	**12**	7	mg/kg	8.5	10.6	5.61	7.26	6.96	7.1	4.16	10	4.25	4.8	11.7	4.57	4.96	4.49	6.09	<2.3 U	11.3	6.41	6.56	6.96	4.69
Barium	7440-39-3	**2200**	2	mg/kg	124	**3,370**	159	70.2	814	106	62.4	112	112	55	**3,020**	199	94	**2,250**	297	43.5	476	142	59.2	195	70.1
Beryllium	7440-41-7	16	3	mg/kg	1.38	0.402 J	0.687	0.58	0.333 J	0.858	0.508	0.433 J	0.889	0.432	0.29 J	0.741	0.691	0.257 J	0.841	0.522	0.476	0.965	1.22	0.257 J	0.479
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.199 U	0.179 J	0.308 J	<0.193 U	<0.159 U	<0.182 U	<0.185 U	<0.175 U	<0.166 U	<0.165 U	0.223 J	0.239 J	<0.189 U	0.192 J	<0.189 U	<0.182 U	<0.182 U	<0.168 U	0.224 J	<0.151 U	<0.174 U
Chromium, Total	7440-47-3	NS		mg/kg	31.6	25.3	25.8	22.1	22.3	28.7	18.4	17.2	30.8	16.2	24.6	28.1	25.7	27.4	30.3	17.3	26.1	33.8	27	9.2	18.5
Cobalt	7440-48-4	23	3	mg/kg	14.9	5	13.1	12.3	4.08	12	5.76	6.23	10.9	3.8	3.87	12.2	7.33	4.23	10.6	6.5	6.36	9.57	9.14	3.03	7.91
Copper	7440-50-8	3100	3	mg/kg	33.8	18.1	16.5	15.6	17.5	19.2	14.9	36.1	20.6	10.8	13.3	17.6	17.7	12.1	19.2	13.7	15.7	20.1	23.2	6.92	11.8
Lead	7439-92-1	80	3	mg/kg	13.2	33.6	7.96	6.28	38.8	8.31	5.81	31	7.87	4.71	22.7	8.11	6.37	16.1	9.55	5.13	14.2	8.45	9.61	4.96	5.29
Mercury	7439-97-6	**0.67**	6	mg/kg	<0.0317 U	0.139	0.0298 J	0.0307 J	**2.04**	0.0371 J	0.0489 J	**3.13**	0.0319 J	0.0321 J	0.0727 J	0.0332 J	0.0405 J	0.0839 J	0.0355 J	<0.0268 U	0.0731 J	0.0346 J	<0.0304 U	0.0551 J	0.0281 J
Molybdenum	7439-98-7	390	3	mg/kg	<1.27 U	1.23 J	<1.16 U	1.24 J	<1.02 U	<1.17 U	<1.19 U	<1.12 U	<1.06 U	<1.06 U	1.77 J	<1.17 U	<1.21 U	1.09 J	<1.21 U	<1.16 U	<1.17 U	<1.08 U	<1.22 U	<0.969 U	<1.12 U
Nickel	7440-02-0	63	2	mg/kg	30	15.2	19.5	18.6	16	20.1	12.9	12.2	20	9.12	11.8	21.1	17.6	11.8	21.3	13.8	14.9	21.1	19.7	6.72	15.7
Selenium	7782-49-2	390	3	mg/kg	<2.04 U	<1.75 U	<1.85 U	<1.97 U	<1.63 U	<1.87 U	<1.89 U	<1.79 U	<1.7 U	<1.69 U	<1.75 U	<1.87 U	<1.93 U	<1.67 U	<1.94 U	<1.86 U	<1.87 U	<1.72 U	<1.94 U	<1.55 U	<1.78 U
Silver	7440-22-4	390	3	mg/kg	<0.552 U	<0.474 U	<0.503 U	<0.536 U	<0.443 U	<0.506 U	<0.514 U	<0.485 U	<0.461 U	<0.459 U	<0.475 U	<0.508 U	<0.525 U	<0.454 U	<0.526 U	<0.504 U	<0.506 U	<0.466 U	<0.528 U	<0.42 U	<0.484 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<3.71 U**	**<3.19 U**	**<3.38 U**	**<3.6 U**	**<2.97 U**	**<3.4 U**	**<3.45 U**	**<3.26 U**	**<3.1 U**	**<3.09 U**	**<3.19 U**	**<3.42 U**	**<3.52 U**	**<3.05 U**	**<3.53 U**	**<3.39 U**	**<3.4 U**	**<3.13 U**	**<3.55 U**	**<2.82 U**	**<3.25 U**
Vanadium	7440-62-2	**390**	3	mg/kg	50.6	29.1	46	39.5	31.6	48.4	38.5	34.7	46.9	40.6	22.4	49.4	56.3	22.8	52	39.5	38.6	55.3	47.8	20.3	33
Zinc	7440-66-6	23000	3	mg/kg	91.1	72.8	48.5	60.7	73.1	63.7	46.1	68.1	63.9	39.3	51.3	51.5	62.1	51.8	63.4	47.4	61.8	62.8	67.5	22.2	37.2

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB24	SB25	SB25	SB25	SB26	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29	SB30	SB30	SB30	SB31	SB31
				Sample Name	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0	SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0
				Sample Date	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024
				Sample Depth	15	2	5	15	2	5	15	1	5	15	2	5	15	2	5	15	2	5	15	2	6
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																									
Antimony	7440-36-0	31	3	mg/kg	<8.22 U	<6.82 U	<6.26 U	<7.1 U	<6.54 U	<6.37 U	<6.65 U	<6.91 U	<6.15 U	<7.27 U	<5.77 U	<6.39 U	<6.35 U	<5.62 U	<5.9 U	<7 U	<5.94 U	<6.13 U	<6.2 U	<6.17 U	<6 U
Arsenic	7440-38-2	**12**	7	mg/kg	10.9	2.73 J	<2.15 U	7.93	3.77	10.8	9.1	3.03 J	4.04	4.78	2.79 J	7.41	5.05	4.59	3.84	8.63	5.72	6.43	4.97	8.02	6.08
Barium	7440-39-3	**2200**	2	mg/kg	71.9	70.8	78.1	110	73.8	107	82.3	139	84.5	98.1	61.3	181	79	83.2	88.9	88.6	97.9	133	111	112	111
Beryllium	7440-41-7	16	3	mg/kg	1.07	0.313 J	0.731	0.702	0.462	0.833	0.541	0.439 J	0.456	0.848	0.408	0.971	0.696	0.358 J	0.563	0.865	0.609	0.888	0.723	0.414 J	0.996
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.222 U	<0.184 U	<0.169 U	<0.192 U	<0.177 U	<0.172 U	<0.18 U	<0.187 U	<0.166 U	<0.197 U	<0.156 U	<0.173 U	<0.172 U	<0.152 U	<0.16 U	<0.189 U	<0.161 U	<0.166 U	0.197 J	<0.167 U	<0.162 U
Chromium, Total	7440-47-3	NS		mg/kg	36.6	15.2	26.9	28.9	18.4	32.5	22.2	21	18.4	26.3	17.5	29.4	23.7	15.4	20.1	24.5	22.9	28.8	22.4	16.2	28.7
Cobalt	7440-48-4	23	3	mg/kg	18.8	5.81	12.1	11.2	7.92	13.3	8.25	7.62	7.21	10	6.69	11.5	9.5	4.61	7.03	12.4	9.12	10.1	8.52	7.48	22.5
Copper	7440-50-8	3100	3	mg/kg	39.1	9.45	15.1	24	10.8	18.6	17.7	16.8	11.4	23.2	12.7	19.4	19.6	14.8	13.3	25.7	13.3	18	21.4	13	14.2
Lead	7439-92-1	80	3	mg/kg	17	5.26	8.61	8.35	5.24	7.97	7.52	19.5	5.52	8.89	4.34	8.97	7.16	8.15	5.28	9.22	6.56	7.73	7.62	9.27	10.3
Mercury	7439-97-6	**0.67**	6	mg/kg	<0.0317 U	<0.0293 U	0.0341 J	<0.0307 U	<0.0275 U	0.0411 J	<0.0268 U	0.121	<0.0262 U	0.0576 J	0.0279 J	0.0868 J	<0.0281 U	<0.0254 U	<0.0243 U	0.0726 J	<0.0242 U	<0.028 U	<0.026 U	<0.0258 U	<0.0249 U
Molybdenum	7439-98-7	390	3	mg/kg	<1.42 U	<1.18 U	<1.08 U	<1.23 U	<1.13 U	<1.1 U	<1.15 U	<1.2 U	<1.06 U	<1.26 U	<0.999 U	<1.11 U	<1.1 U	<0.974 U	<1.02 U	<1.21 U	<1.03 U	<1.06 U	<1.07 U	<1.07 U	<1.04 U
Nickel	7440-02-0	63	2	mg/kg	24.4	7.77	16.3	22.2	14.1	20.5	14.2	18.3	12.3	18	10.9	20.6	17.8	10.3	14.5	22.3	17.6	19.2	16.6	14.1	21.8
Selenium	7782-49-2	390	3	mg/kg	<2.27 U	<1.89 U	<1.73 U	<1.96 U	<1.81 U	<1.76 U	<1.84 U	<1.91 U	<1.7 U	2.18 J	<1.6 U	<1.77 U	<1.76 U	<1.56 U	<1.63 U	<1.94 U	<1.65 U	<1.7 U	<1.71 U	<1.71 U	<1.66 U
Silver	7440-22-4	390	3	mg/kg	<0.617 U	<0.512 U	<0.47 U	<0.533 U	<0.491 U	<0.479 U	<0.5 U	<0.519 U	<0.462 U	<0.546 U	<0.433 U	<0.48 U	<0.477 U	<0.422 U	<0.443 U	<0.525 U	<0.447 U	<0.46 U	<0.465 U	<0.463 U	<0.451 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<4.15 U**	**<3.44 U**	**<3.16 U**	**<3.58 U**	**<3.3 U**	**<3.22 U**	**<3.36 U**	**<3.49 U**	**<3.1 U**	**<3.67 U**	**<2.91 U**	**<3.23 U**	**<3.21 U**	**<2.84 U**	**<2.98 U**	**<3.53 U**	**<3 U**	**<3.09 U**	**<3.13 U**	**<3.11 U**	**<3.03 U**
Vanadium	7440-62-2	**390**	3	mg/kg	60.8	31.1	46	53.3	38.3	53.3	49.2	40.5	37	42.5	33.9	54.6	51	31.4	38.8	57.2	43.9	51.8	48.6	31.6	44.8
Zinc	7440-66-6	23000	3	mg/kg	94.7	31.7	49.6	76.1	385	63.9	59.4	101	41.8	78.5	36.4	62.2	63.9	40.9	42.2	78.4	49	63	61.4	48.3	58

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB31	SB32	SB32	SB32	SB33	SB33	SB33	SB34	SB34	SB34	SB35	SB35	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38
				Sample Name	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5	SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0
				Sample Date	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024
				Sample Depth	15	2	5	15	1.5	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																									
Antimony	7440-36-0	31	3	mg/kg	<6.71 U	<6.66 U	<6.51 U	<6.46 U	<5.93 U	<6.45 U	<6.73 U	<6.07 U	<6.38 U	<6.85 U	<5.96 U	<6.34 U	<6.26 U	<6.52 U	<6.25 U	<7.5 U	<6.46 U	<6.22 U	<6.69 U	<6.24 U	<5.96 U
Arsenic	7440-38-2	**12**	7	mg/kg	5.67	5.3	8.81	<2.21 U	**12.5**	3.99	3.33 J	4.59	6.74	7.19	5.94	6.03	8.41	2.97 J	6.8	4.67	4.31	4.14	3.12 J	3.11 J	2.63 J
Barium	7440-39-3	**2200**	2	mg/kg	93.7	104	78.8	86.7	233	105	82.9	103	72.8	103	101	105	103	70.3	86.1	95.3	93.8	42.3	121	87.1	47.1
Beryllium	7440-41-7	16	3	mg/kg	0.735	0.754	0.92	0.571	0.273 J	0.662	0.642	0.622	0.97	0.799	0.4 J	0.739	0.62	0.484	1.02	0.663	0.525	0.814	0.805	0.419 J	0.443
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.181 U	<0.18 U	<0.176 U	<0.175 U	0.21 J	<0.175 U	<0.182 U	<0.164 U	<0.173 U	0.218 J	<0.161 U	<0.171 U	0.199 J	<0.176 U	<0.169 U	<0.203 U	<0.175 U	<0.168 U	<0.181 U	<0.169 U	<0.161 U
Chromium, Total	7440-47-3	NS		mg/kg	23.4	25.8	30.5	20	12	20.2	21.3	24	29.2	26.1	15.9	22.2	20	19.3	30.2	22.8	20	24.7	25.8	16.4	15.7
Cobalt	7440-48-4	23	3	mg/kg	11.6	9.47	12.1	8.06	4.78	8.92	8.7	9.97	9.54	10.9	6.09	8.83	8.92	7.33	13.5	8.94	7.33	8.54	11	7.72	6.18
Copper	7440-50-8	3100	3	mg/kg	17.2	14.6	19.1	14.4	30.9	11.8	16.1	15.1	17.1	22.1	13.9	14.1	16.1	13.5	18.4	16.8	14.4	11.8	21.7	8.5	9.23
Lead	7439-92-1	80	3	mg/kg	8.34	7.63	8.51	6.34	9.1	6.14	6.71	6.95	8.61	8.45	7.42	7.15	7.33	5.83	9.49	6.87	6.18	6.8	8.9	6.07	4.51
Mercury	7439-97-6	**0.67**	6	mg/kg	<0.0255 U	<0.0261 U	0.219	<0.0301 U	0.0488 J	0.0334 J	<0.0273 U	0.163	0.0347 J	<0.0292 U	<0.0238 U	0.0455 J	<0.028 U	<0.0252 U	0.0351 J	<0.0316 U	0.112	<0.0281 U	<0.0259 U	<0.0268 U	0.0256 J
Molybdenum	7439-98-7	390	3	mg/kg	<1.16 U	<1.15 U	<1.13 U	<1.12 U	<1.03 U	<1.12 U	<1.17 U	<1.05 U	<1.11 U	<1.19 U	<1.03 U	<1.1 U	<1.08 U	<1.13 U	<1.08 U	<1.3 U	<1.12 U	<1.08 U	<1.16 U	<1.08 U	<1.03 U
Nickel	7440-02-0	63	2	mg/kg	15.9	19.4	22.1	15	22.8	13.6	15.6	16.6	19.2	21.7	15.5	16.2	15	10.3	20.6	17.4	14.4	16.1	18.5	8.98	9.32
Selenium	7782-49-2	390	3	mg/kg	<1.86 U	<1.84 U	<1.8 U	<1.79 U	<1.64 U	<1.79 U	<1.86 U	<1.68 U	<1.77 U	<1.9 U	<1.65 U	<1.75 U	<1.73 U	<1.81 U	<1.73 U	<2.08 U	<1.79 U	<1.72 U	<1.85 U	<1.73 U	<1.65 U
Silver	7440-22-4	390	3	mg/kg	<0.504 U	<0.501 U	<0.489 U	<0.485 U	<0.446 U	<0.485 U	<0.505 U	<0.456 U	<0.479 U	<0.515 U	<0.448 U	<0.476 U	<0.47 U	<0.49 U	<0.469 U	<0.564 U	<0.485 U	<0.467 U	<0.503 U	<0.469 U	<0.448 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<3.39 U**	**<3.36 U**	**<3.28 U**	**<3.26 U**	**<2.99 U**	**<3.26 U**	**<3.4 U**	**<3.06 U**	**<3.22 U**	**<3.46 U**	**<3.01 U**	**<3.2 U**	**<3.16 U**	**<3.29 U**	**<3.15 U**	**<3.79 U**	**<3.26 U**	**<3.14 U**	**<3.38 U**	**<3.15 U**	**<3.01 U**
Vanadium	7440-62-2	**390**	3	mg/kg	45.7	48.5	56.6	44.9	24	41.4	43.9	45.8	56.5	51.2	32.5	41.9	39.3	36.7	59	44.5	39.8	31.9	48.6	30.4	32.2
Zinc	7440-66-6	23000	3	mg/kg	68.4	52.7	66	55	119	42.8	60.6	43.5	59.4	72.1	56.6	49.4	52.2	37.8	64.5	59	53.9	42.4	78.4	31.5	32

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB38	SB39	SB39	SB39	SB40	SB40	SB40	SB41	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45
				Sample Name	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0	SB40-5.0	SB40-15.0	SB41-2.0	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0
				Sample Date	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	1	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																									
Antimony	7440-36-0	31	3	mg/kg	<6.31 U	<6.53 U	<5.63 U	<6.43 U	<6.1 U	<6.47 U	<6.5 U	<5.8 U	<7.21 U	<6.81 U	<7.08 U	<7.06 U	<6.21 U	<6.46 U	<6.11 U	<6.02 U	<6.27 U	<6.25 U	<6.39 U	<6.04 U	<6.51 U
Arsenic	7440-38-2	**12**	7	mg/kg	11.3	<2.24 U	2.11 J	2.86 J	4.79	3.73	8.7	4.06	5.2	11.2	2.63 J	2.9 J	3.8	2.21 J	3.11 J	4.87	2.2 J	<2.14 U	10.3	<2.07 U	2.81 J
Barium	7440-39-3	**2200**	2	mg/kg	90.7	323	56.2	39.9	97	99.4	132	65.3	84.1	84.6	98.7	136	102	47	70	32.6	77.2	79.4	102	52.7	99.9
Beryllium	7440-41-7	16	3	mg/kg	0.714	0.277 J	0.338 J	0.318 J	0.539	0.481	0.666	0.451	0.688	0.939	0.65	0.799	0.636	0.365 J	0.497	0.277 J	0.466	0.442	0.61	0.32 J	0.414 J
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.171 U	<0.177 U	<0.152 U	<0.174 U	<0.165 U	<0.175 U	<0.176 U	<0.157 U	<0.195 U	<0.184 U	0.225 J	<0.191 U	<0.168 U	<0.175 U	<0.165 U	<0.163 U	<0.17 U	<0.169 U	<0.173 U	<0.163 U	<0.176 U
Chromium, Total	7440-47-3	NS		mg/kg	22.6	12.7	14.9	14.1	19.1	16	21.7	17.5	21.5	26.1	24.2	31.4	26.2	14.6	20	11.3	18.5	21.8	22.7	15.8	16
Cobalt	7440-48-4	23	3	mg/kg	10.6	3.9	5.67	5.5	7.36	6.11	10.1	11	12.5	11.4	8.36	8.91	9.68	3.58	5.86	4.15	7.54	4.7	10.3	5.9	5.75
Copper	7440-50-8	3100	3	mg/kg	16.8	10.9	8.85	10.1	11.1	9.68	15.6	9.89	12.3	26.2	12.5	13	21.5	12.1	9.23	6.47	11	11	20.3	10.9	10.8
Lead	7439-92-1	80	3	mg/kg	8.88	13.5	4.58	3.86	5.78	4.62	8.66	5.31	6.3	10.3	6.9	8.47	7.55	5.66	5.47	3.32	5.52	6.56	8.81	4.17	5.39
Mercury	7439-97-6	**0.67**	6	mg/kg	<0.0285 U	<0.0241 U	0.04 J	<0.0248 U	0.0499 J	0.0569 J	0.0649 J	<0.0237 U	0.0569 J	0.0614 J	<0.0291 U	0.0285 J	<0.0261 U	0.0388 J	0.0464 J	<0.0255 U	<0.0241 U	<0.0285 U	0.031 J	<0.025 U	<0.0263 U
Molybdenum	7439-98-7	390	3	mg/kg	<1.09 U	<1.13 U	<0.975 U	<1.11 U	<1.06 U	<1.12 U	<1.13 U	<1.01 U	<1.25 U	<1.18 U	<1.23 U	<1.22 U	<1.08 U	<1.12 U	<1.06 U	<1.04 U	<1.09 U	<1.08 U	<1.11 U	<1.05 U	<1.13 U
Nickel	7440-02-0	63	2	mg/kg	18.2	13.3	9.15	10.3	16.8	10.4	16.9	9.15	17.5	22.9	16.1	17.9	17.6	7.26	10.9	7.68	11.4	10.9	17.4	7.01	10.7
Selenium	7782-49-2	390	3	mg/kg	<1.75 U	<1.81 U	<1.56 U	<1.78 U	<1.69 U	<1.79 U	<1.8 U	<1.61 U	2.45 J	<1.89 U	<1.96 U	<1.96 U	<1.72 U	<1.79 U	<1.69 U	1.7 J	<1.74 U	<1.73 U	<1.77 U	<1.67 U	<1.8 U
Silver	7440-22-4	390	3	mg/kg	<0.474 U	<0.491 U	<0.423 U	<0.483 U	<0.458 U	<0.486 U	<0.488 U	<0.436 U	<0.542 U	<0.512 U	<0.532 U	<0.531 U	<0.466 U	<0.485 U	<0.459 U	<0.452 U	<0.471 U	<0.469 U	<0.48 U	<0.454 U	<0.489 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<3.18 U**	**<3.3 U**	**<2.84 U**	**<3.24 U**	**<3.08 U**	**<3.27 U**	**<3.28 U**	**<2.93 U**	**<3.64 U**	**<3.44 U**	**<3.57 U**	**<3.57 U**	**<3.13 U**	**<3.26 U**	**<3.09 U**	**<3.04 U**	**<3.17 U**	**<3.15 U**	**<3.23 U**	**<3.05 U**	**<3.29 U**
Vanadium	7440-62-2	**390**	3	mg/kg	46.1	23.7	29.3	32.6	36	32.3	45.3	33.1	42.5	51.5	47.3	42.4	55.6	28	33.9	28.5	37.3	34.3	49.8	30.9	33.4
Zinc	7440-66-6	23000	3	mg/kg	63.6	111	30.9	33.6	42.7	37.1	62.6	34.3	47.2	80.8	42.5	56.8	64.3	183	37.1	25.8	33.4	42.5	64.3	30.7	35.9

Table 1
Soil Analytical Results: Metals (Total Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB45	SB46	SB46	SB46	SB47	SB47	SB47	SB48	SB48	SB48	SB49	SB49
				Sample Name	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0	SB47-2.0	SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
				Sample Date	12/06/2024	12/05/2024	12/05/2024	12/05/2024	12/05/2024	12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals																
Antimony	7440-36-0	31	3	mg/kg	<6.02 U	<6.15 U	<6.73 U	<6.36 U	<6.03 U	<5.93 U	<6.62 U	<6.67 U	<6.06 U	<5.92 U	<6.52 U	<6.29 U
Arsenic	7440-38-2	**12**	7	mg/kg	5.59	3.56	4.56	3.46	3.35	4.95	4.91	2.81 J	2.87 J	8.1	2.47 J	3.6
Barium	7440-39-3	**2200**	2	mg/kg	102	71.7	107	95.5	86.9	55.8	95.7	76.8	83.7	70.1	71.5	105
Beryllium	7440-41-7	16	3	mg/kg	0.489	0.456	0.689	0.674	0.469	0.817	0.678	0.472	0.514	0.418	0.23 J	0.245 J
Cadmium	7440-43-9	**7.1**	6	mg/kg	<0.163 U	<0.166 U	<0.182 U	<0.172 U	<0.163 U	<0.16 U	<0.179 U	<0.18 U	<0.164 U	<0.16 U	0.968	1.25
Chromium, Total	7440-47-3	NS		mg/kg	21.5	11.7	22.7	23.9	19	25.2	23.5	19.4	21.3	18.7	14.5	17.1
Cobalt	7440-48-4	23	3	mg/kg	9.82	4.74	6.54	8.74	7.12	11.2	9.54	7.83	7.89	7.17	4.52	5.01
Copper	7440-50-8	3100	3	mg/kg	14.2	9.54	10.5	15.4	13.2	11.8	16.1	15.1	14	15.3	10.8	11.4
Lead	7439-92-1	80	3	mg/kg	6.46	4.15	7.58	7.1	6.4	7.92	6.85	6.06	6.62	5.4	2.76	7.12
Mercury	7439-97-6	**0.67**	6	mg/kg	0.0347 J	<0.0261 U	0.0305 J	<0.027 U	<0.0243 U	0.0306 J	<0.026 U	<0.0279 U	<0.0255 U	<0.0242 U	<0.0279 U	<0.0278 U
Molybdenum	7439-98-7	390	3	mg/kg	<1.04 U	<1.07 U	<1.16 U	<1.1 U	<1.05 U	<1.03 U	<1.15 U	1.84 J	<1.05 U	<1.02 U	4.05 J	3.67 J
Nickel	7440-02-0	63	2	mg/kg	15.3	9.35	14.2	17	10.4	18.4	16.7	13.2	12.9	12.8	14.8	16
Selenium	7782-49-2	390	3	mg/kg	<1.66 U	<1.7 U	<1.86 U	<1.76 U	<1.67 U	<1.64 U	<1.83 U	<1.85 U	<1.68 U	<1.64 U	<1.8 U	<1.74 U
Silver	7440-22-4	390	3	mg/kg	<0.452 U	<0.462 U	<0.505 U	<0.478 U	<0.453 U	<0.445 U	<0.497 U	<0.501 U	<0.455 U	<0.444 U	<0.49 U	<0.473 U
Thallium	7440-28-0	**0.78**	3	mg/kg	**<3.04 U**	**<3.1 U**	**<3.39 U**	**<3.21 U**	**<3.05 U**	**<2.99 U**	**<3.34 U**	**<3.37 U**	**<3.06 U**	**<2.99 U**	**<3.29 U**	**<3.18 U**
Vanadium	7440-62-2	**390**	3	mg/kg	46.3	24.3	36.3	46.9	34.4	40	45.2	41.9	41.1	39.2	31	37.3
Zinc	7440-66-6	23000	3	mg/kg	54	28.2	41.2	57.3	116	43.3	60.7	51.4	46.6	48.6	38.1	44.1

Notes:

Soil results were compared Site-specific screening levels that are a compilation of [1] EPA RSL Residential Soil (November 2024), RWQCB [2] Soil Direct Exposure Construction Worker: Any Land Use ESL, [3] Soil Direct Exposure Residential ESL, [4] Leaching to Groundwater ESL, and [5] Soil Gross Contamination ESL (July 2025), [6] CA DTSC Residential Soil (April 2025), and [7] Average Background Arsenic Concentration from "Determination of a Southern California Regional Background Arsenic Concentration in Soil" published by the CA DTSC (2008)

RWQCB - Regional Water Quality Control Board

ESL - Environmental Screening Level

DTSC - Department of Toxic Substance Control

CAS - Chemical Abstract Service

NS - No standard

mg/kg - Milligrams per kilogram

NA - Not Analyzed

MDL - Method Detection Limit

<MDL - Not detected

Qualifiers:

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. (Alpha)

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the MDL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds Site-Specific Soil Screening Levels

Table 2
Soil Analytical Results: Metals (Soluble Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	CalEPA STLC	Location	SB2	SB4	SB5	SB6	SB8	SB17	SB18	SB19	SB20	SB21	SB22
				Sample Name	SB2-0.5	SB4-0.5	SB5-0.5	SB6-1.5	SB8-0.5	SB17-2.0	SB18-2.0	SB19-2.0	SB20-2.0	SB21-2.0	SB22-2.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth (feet)	0.5-0.5	0.5-0.5	0.5-0.5	1.5-1.5	0.5-0.5	2-2	2-2	2-2	2-2	2-2	2-2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Metals - TCLP															
Barium	7440-39-3	100	NS	mg/l	NA	NA	NA	NA	NA	2.06	1.84	NA	NA	2.09	2.05
Cadmium	7440-43-9	1	NS	mg/l	NA	NA	NA	NA	0.599	NA	NA	NA	NA	NA	NA
Metals - STLC															
Barium	7440-39-3	NS	100	mg/l	NA	NA	NA	NA	NA	13.9	16.3	NA	NA	16.5	15.9
Cadmium	7440-43-9	NS	1	mg/l	NA	NA	NA	NA	1.64	NA	NA	NA	NA	NA	NA
Mercury	7439-97-6	NS	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	0.00129 J	0.00128 J	NA	NA
Vanadium	7440-62-2	NS	24	mg/l	34.3	33	123	119	16.3	NA	NA	NA	NA	NA	NA

Notes:
TCLP Soil Lechate results were compared to USEPA RCRA Characteristics of Hazardous Waste (October 2019)
STLC Soil Lechate results were compared to CA EPA Title 22 Class I Non-RCRA Criteria (July 2004)
EPA - Environmental Protection Agency
RCRA - Resource Conservation and Recovery Act
STLC - Soluble Threshold Limit Concentration
TCLP - Toxicity Characteristic Leachate Procedure
CAS - Chemical Abstract Service
NS - No standard
mg/l - Milligrams per liter
NA - Not Analyzed
RL - Reporting Limit
<RL - Not detected

Qualifiers:
J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

Exceedance Summary:
10 - Result exceeds RCRA Characteristics of Hazardous Waste
10 - Result exceeds CAEPA Soluble Threshold Limit Concentration (STLC)

Table 2
Soil Analytical Results: Metals (Soluble Concentrations)
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	CalEPA STLC	Location	SB2	SB4	SB5	SB6	SB8	SB17	SB18	SB19	SB20	SB21	SB22
				Sample Name	SB2-0.5	SB4-0.5	SB5-0.5	SB6-1.5	SB8-0.5	SB17-2.0	SB18-2.0	SB19-2.0	SB20-2.0	SB21-2.0	SB22-2.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth (feet)	0.5-0.5	0.5-0.5	0.5-0.5	1.5-1.5	0.5-0.5	2-2	2-2	2-2	2-2	2-2	2-2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB2	SB2	SB2	SB6	SB6	SB6	SB8	SB8	SB8	SB9	SB9	SB9	SB17	SB17	SB17	SB18	SB18	SB18	SB19
				Sample Name	SB2-0.5	SB2-2.0	SB2-5.0	SB6-1.5	SB6-2.0	SB6-5.0	SB8-0.5	SB8-2.0	SB8-5.0	SB9-0.5	SB9-2.0	SB9-5.0	SB17-2.0	SB17-5.0	SB17-15.0	SB18-2.0	SB18-5.0	SB18-14.0	SB19-2.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/26/2024	11/26/2024	11/26/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	0.5	2	5	1.5	2	5	0.5	2	5	0.5	2	5	2	5	15	2	5	14	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																							
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	**460**	[3]	mg/kg	90	19	<0.051 U	50	210	0.12 J	0.064 J	<0.044 U	0.043 J	210	0.078 J	<0.055 U	<0.039 U	2	0.097 J	<0.046 U	<0.043 U	0.2	0.52
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	**110**	[5]	mg/kg	**1,700**	84	73	**680**	**490**	<6.2 U	41	<5.3 U	<5.2 U	**12,000**	<5 U	<5.1 U	68	84	<5.8 U	**240**	12	25	**2,900**
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	**12000**	[3]	mg/kg	2,000	12	17	300	190	<6.2 U	360	<5.3 U	16	12,000	13	<5.1 U	290	82	<5.8 U	730	24	<5.8 U	4,300

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24	SB24	SB24	SB25	SB25	SB25	SB26
		SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0	SB24-5.0	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0
		12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
		5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																						
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	0.062 J	<0.051 U	4.9	<0.061 U	<0.046 U	88	0.06 J	<0.051 U	4	0.15	<0.046 U	16	<0.046 U	<0.047 U	<0.047 U	0.71	<0.054 U	<0.056 U	<0.049 U	<0.055 U	**500**
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	17	<5.3 U	**520**	<5.3 U	<5 U	**3,900**	6.5	<5.8 U	**1,600**	**120**	<5.3 U	**4,100**	60	<6.4 U	47	24	<6.1 U	<5.7 U	<5.1 U	<5.9 U	**2,000**
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	30	<5.3 U	1,800	8.2	<5 U	3,200	8.4	<5.8 U	1,900	180	<5.3 U	3,900	100	<6.4 U	150	35	<6.1 U	11	6.5	6 J	1,800

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32	SB32	SB33
		SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5
		12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024
		5	15	1	5	15	2	5	15	2	5	15	2	5	15	2	6	15	2	5	15	1.5
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																						
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	1.4	<0.051 U	0.38	<0.043 U	<0.046 U	<0.049 U	<0.049 U	<0.043 U	120	0.054 J	<0.046 U	<0.048 U	0.061 J	<0.065 U	10 E	4.5	<0.046 U	<0.05 U	<0.051 U	<0.044 U	9
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	12	<5.5 U	**1,100**	<5.1 U	<5.9 U	<5 U	<5.2 U	<5.4 U	**3,900**	<5 U	<5.2 U	12	16	<5.4 U	**4,400**	110	<5.2 U	5.5 J	<5.1 U	<5.6 U	**9,000**
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	17	<5.5 U	2,200	6.5	<5.9 U	<5 U	<5.2 U	<5.4 U	5,000	5.7	<5.2 U	28	31	<5.4 U	5,900	150	<5.2 U	22	13	<5.6 U	**14,000**

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	SB33	SB33	SB34	SB34	SB34	SB35	SB35	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38	SB38	SB39	SB39	SB39	SB40
		SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0
		12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024
		5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																						
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	0.046 J	<0.045 U	<0.054 U	<0.055 U	<0.046 U	**1,300**	<0.047 U	<0.048 U	<0.047 U	<0.056 U	<0.061 U	<0.044 U	<0.047 U	<0.046 U	<0.045 U	<0.04 U	<0.052 U	**580**	<0.039 U	<0.047 U	<0.054 U
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	<5 U	<5.3 U	<5 U	<5 U	<5.4 U	**2,700**	<5.1 U	<5.4 U	<5.2 U	<5.3 U	<6.6 U	<5 U	<5.2 U	<5.3 U	<4.9 U	<5 U	<5.2 U	**8,600**	<5 U	<4.8 U	<5 U
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	12	5.4 J	<5 U	<5 U	<5.4 U	4,500	<5.1 U	<5.4 U	6.2	<5.3 U	<6.6 U	18	<5.2 U	<5.3 U	23	<5 U	<5.2 U	8,000	5.3 J	<4.8 U	16

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	SB40	SB40	SB41	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45	SB45	SB46	SB46	SB46	SB47
		SB40-5.0	SB40-15.0	SB41-2.0	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0	SB47-2.0
		12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/05/2024	12/05/2024	12/05/2024	12/05/2024
		5	15	2	5	15	2	5	15	2	5	15	2	5	15	1	5	15	2	5	15	2
		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons																						
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	<0.043 U	<0.048 U	<0.049 U	<0.051 U	<0.052 U	0.19	<0.061 U	<0.045 U	<0.047 U	<0.042 U	<0.054 U	**770**	36	<0.045 U	<0.046 U	<0.038 U	<0.048 U	<0.048 U	<0.048 U	<0.05 U	<0.045 U
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	<5.1 U	<5.1 U	<5 U	<5.5 U	<5.3 U	<5.7 U	<5.7 U	<5.4 U	17	<5 U	<4.7 U	**2,100**	**160**	<5.3 U	17	<5 U	<4.9 U	<5 U	<5.3 U	<5.1 U	12
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	<5.1 U	<5.1 U	27	<5.5 U	<5.3 U	<5.7 U	5.9 J	<5.4 U	76	<5 U	<4.7 U	2,000	150	<5.3 U	53	<5 U	<4.9 U	12	<5.3 U	<5.1 U	86

Table 3
Soil Analytical Results: Total Petroleum Hydrocarbons
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	SB47	SB47	SB48	SB48	SB48	SB49	SB49
		SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
		12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
		5	15	2	5	15	2	5
		Result	Result	Result	Result	Result	Result	Result
Petroleum Hydrocarbons								
Petroleum Hydrocarbons (C04-C12) GRO	PHCC4C12	<0.044 U	<0.044 U	<0.054 U	<0.04 U	<0.046 U	<0.04 U	0.064 J
Petroleum Hydrocarbons (C13-C22) DRO	PHCC13C22	<5.3 U	<5.2 U	<5.4 U	27	<5 U	<5.3 U	<5.5 U
Petroleum Hydrocarbons (C23-C40) ORO	PHCC23C40	<5.3 U	<5.2 U	12	130	<5 U	11	6.1

Notes:

Soil results were compared Site-specific screening levels that are a compilation of [1] EPA RSL Residential Soil (November 2024), RWQCB [2] Soil Direct Exposure Construction Worker: Any Land Use ESL, [3] Soil Direct Exposure Residential ESL, [4] Leaching to Groundwater ESL, and [5] Soil Gross Contamination ESL (July 2025), [6] CA DTSC Residential Soil (April 2025), and [7] Average Background Arsenic Concentration from "Determination of a Southern California Regional Background Arsenic Concentration in Soil" published by the CA DTSC (2008)

RWQCB - Regional Water Quality Control Board

ESL - Environmental Screening Level

DTSC - Department of Toxic Substance Control

CAS - Chemical Abstract Service

NS - No standard

mg/kg - Milligrams per kilogram

NA - Not Analyzed

MDL - Method Detection Limit

<MDL - Not detected

Qualifiers:

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. (Alpha)

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the MDL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds Site-Specific Soil Screening Levels

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB2	SB2	SB2	SB6	SB6	SB6	SB8	SB8	SB8	SB9	SB9	SB9	SB17	SB17	SB17	SB18	SB18
				Sample Name	SB2-0.5	SB2-2.0	SB2-5.0	SB6-1.5	SB6-2.0	SB6-5.0	SB8-0.5	SB8-2.0	SB8-5.0	SB9-0.5	SB9-2.0	SB9-5.0	SB17-2.0	SB17-5.0	SB17-15.0	SB18-2.0	SB18-5.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/26/2024	11/26/2024	11/26/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	0.5	2	5	1.5	2	5	0.5	2	5	0.5	2	5	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00029 U	<0.016 U	<0.00038 U	<0.02 U	<0.026 U	<0.00045 U	<0.0003 U	<0.015 U	<0.00029 U	<0.011 U	<0.00029 U	<0.00034 U	<0.00027 U	<0.00029 U	<0.00029 U	<0.00033 U	<0.0003 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00023 U	<0.013 U	<0.00031 U	<0.016 U	<0.021 U	<0.00036 U	<0.00024 U	<0.012 U	<0.00023 U	<0.009 U	<0.00024 U	<0.00027 U	<0.00022 U	<0.00023 U	<0.00023 U	<0.00026 U	<0.00024 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00054 U	<0.029 U	<0.00071 U	<0.037 U	<0.048 U	<0.00083 U	<0.00056 U	<0.028 U	<0.00054 U	<0.021 U	<0.00055 U	<0.00063 U	<0.00051 U	<0.00053 U	<0.00055 U	<0.00061 U	<0.00056 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00046 U	<0.025 U	<0.00061 U	<0.031 U	<0.041 U	<0.00071 U	<0.00047 U	<0.024 U	<0.00046 U	<0.018 U	<0.00047 U	<0.00054 U	<0.00043 U	<0.00045 U	<0.00046 U	<0.00052 U	<0.00047 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00046 U	<0.025 U	<0.00061 U	<0.031 U	<0.041 U	<0.00071 U	<0.00047 U	<0.024 U	<0.00046 U	<0.018 U	<0.00047 U	<0.00054 U	<0.00043 U	<0.00046 U	<0.00047 U	<0.00052 U	<0.00048 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00028 U	<0.015 U	<0.00037 U	<0.019 U	<0.025 U	<0.00043 U	<0.00029 U	<0.014 U	<0.00028 U	<0.011 U	<0.00028 U	<0.00033 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00029 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00026 U	<0.014 U	<0.00035 U	<0.018 U	<0.024 U	<0.00041 U	<0.00027 U	<0.014 U	<0.00026 U	<0.01 U	<0.00027 U	<0.00031 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.0003 U	<0.00027 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00039 U	<0.021 U	<0.00051 U	<0.026 U	<0.035 U	<0.00059 U	<0.0004 U	<0.02 U	<0.00039 U	<0.015 U	<0.00039 U	<0.00045 U	<0.00036 U	<0.00038 U	<0.00039 U	<0.00044 U	<0.0004 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00037 U	<0.02 U	<0.00049 U	<0.026 U	<0.033 U	<0.00058 U	<0.00038 U	<0.019 U	<0.00038 U	<0.014 U	<0.00038 U	<0.00044 U	<0.00035 U	<0.00037 U	<0.00038 U	<0.00042 U	<0.00039 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00042 U	<0.022 U	<0.00055 U	<0.028 U	<0.037 U	<0.00064 U	<0.00043 U	<0.022 U	<0.00042 U	<0.016 U	<0.00042 U	<0.00049 U	<0.00039 U	<0.00041 U	<0.00042 U	<0.00047 U	<0.00043 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00041 U	<0.022 U	<0.00054 U	<0.028 U	<0.037 U	<0.00063 U	<0.00042 U	<0.021 U	<0.00041 U	<0.016 U	<0.00042 U	<0.00048 U	<0.00038 U	<0.0004 U	<0.00041 U	<0.00046 U	<0.00042 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	0.049	0.033 J	<0.00036 U	<0.019 U	0.094 J	<0.00043 U	<0.00028 U	<0.014 U	<0.00028 U	1.4	<0.00028 U	<0.00032 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00028 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.0033 U	<0.18 U	<0.0044 U	<0.23 U	<0.3 U	<0.0051 U	<0.0034 U	<0.17 U	<0.0033 U	<0.13 U	<0.0034 U	<0.0039 U	<0.0031 U	<0.0033 U	<0.0033 U	<0.0037 U	<0.0034 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00021 U	<0.011 U	<0.00027 U	<0.014 U	<0.018 U	<0.00032 U	<0.00021 U	<0.011 U	<0.00021 U	<0.0079 U	<0.00021 U	<0.00024 U	<0.00019 U	<0.0002 U	<0.00021 U	<0.00023 U	<0.00021 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00025 U	<0.013 U	<0.00033 U	<0.017 U	<0.022 U	<0.00038 U	<0.00026 U	<0.013 U	<0.00025 U	<0.0096 U	<0.00025 U	<0.00029 U	<0.00023 U	<0.00025 U	<0.00025 U	<0.00028 U	<0.00026 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00027 U	<0.015 U	<0.00036 U	<0.019 U	<0.025 U	<0.00042 U	<0.00028 U	<0.014 U	<0.00028 U	<0.011 U	<0.00028 U	<0.00032 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00028 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00027 U	<0.015 U	<0.00036 U	<0.019 U	<0.025 U	<0.00042 U	<0.00028 U	<0.014 U	<0.00028 U	<0.011 U	<0.00028 U	<0.00032 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00028 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	0.033	<0.014 U	<0.00035 U	<0.018 U	1	<0.00041 U	<0.00027 U	<0.014 U	<0.00027 U	0.47	<0.00027 U	<0.00031 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.0003 U	<0.00027 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00025 U	<0.014 U	<0.00033 U	<0.017 U	<0.022 U	<0.00039 U	<0.00026 U	<0.013 U	<0.00025 U	<0.0097 U	<0.00026 U	<0.00029 U	<0.00024 U	<0.00025 U	<0.00025 U	<0.00028 U	<0.00026 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00029 U	<0.016 U	<0.00039 U	<0.02 U	<0.026 U	<0.00045 U	<0.0003 U	<0.015 U	<0.00029 U	<0.011 U	<0.0003 U	<0.00034 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00033 U	<0.0003 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00031 U	<0.016 U	<0.0004 U	<0.021 U	<0.027 U	<0.00047 U	<0.00031 U	<0.016 U	<0.00031 U	<0.012 U	<0.00031 U	<0.00036 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	<0.00031 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00027 U	<0.015 U	<0.00036 U	<0.018 U	<0.024 U	<0.00042 U	<0.00028 U	<0.014 U	<0.00027 U	<0.01 U	<0.00027 U	<0.00032 U	<0.00025 U	<0.00027 U	<0.00027 U	<0.0003 U	<0.00028 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00025 U	<0.013 U	<0.00033 U	<0.017 U	<0.022 U	<0.00039 U	<0.00026 U	<0.013 U	<0.00025 U	<0.0097 U	<0.00026 U	<0.00029 U	<0.00024 U	<0.00025 U	<0.00025 U	<0.00028 U	<0.00026 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0031 U	<0.16 U	<0.004 U	<0.21 U	<0.27 U	<0.0047 U	<0.0031 U	<0.16 U	<0.0031 U	<0.12 U	<0.0031 U	<0.0036 U	<0.0029 U	<0.003 U	<0.0031 U	<0.0035 U	<0.0031 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00024 U	<0.013 U	<0.00032 U	<0.016 U	<0.022 U	<0.00037 U	<0.00025 U	<0.012 U	<0.00024 U	<0.0093 U	<0.00024 U	<0.00028 U	<0.00023 U	<0.00024 U	<0.00024 U	<0.00027 U	<0.00025 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.072	<0.53 U	<0.013 U	<0.67 U	<0.87 U	<0.015 U	0.1	<0.5 U	0.018 J	<0.38 U	0.061	0.036	0.047	0.039	<0.0099 U	0.1	0.023
Benzene	71-43-2	**0.025**	4	mg/kg	0.00038 J	<0.014 U	<0.00034 U	<0.017 U	<0.023 U	<0.00039 U	<0.00026 U	<0.013 U	<0.00026 U	<0.0099 U	<0.00026 U	<0.0003 U	<0.00024 U	<0.00025 U	0.00027 J	0.00037 J	<0.00026 U
Bromobenzene	108-86-1	NS		mg/kg	<0.00021 U	<0.011 U	<0.00027 U	<0.014 U	<0.019 U	<0.00032 U	<0.00021 U	<0.011 U	<0.00021 U	<0.008 U	<0.00021 U	<0.00024 U	<0.00019 U	<0.0002 U	<0.00021 U	<0.00023 U	<0.00021 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.00044 U	<0.024 U	<0.00058 U	<0.03 U	<0.04 U	<0.00068 U	<0.00045 U	<0.023 U	<0.00044 U	<0.017 U	<0.00045 U	<0.00052 U	<0.00041 U	<0.00044 U	<0.00045 U	<0.0005 U	<0.00046 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00032 U	**<0.017 U**	<0.00043 U	**<0.022 U**	**<0.029 U**	<0.0005 U	<0.00033 U	**<0.017 U**	<0.00032 U	<0.012 U	<0.00033 U	<0.00038 U	<0.0003 U	<0.00032 U	<0.00033 U	<0.00037 U	<0.00033 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0013 U	<0.071 U	<0.0017 U	<0.09 U	<0.12 U	<0.002 U	<0.0013 U	<0.068 U	<0.0013 U	<0.051 U	<0.0013 U	<0.0015 U	<0.0012 U	<0.0013 U	<0.0013 U	<0.0015 U	<0.0014 U
Bromomethane	74-83-9	NS		mg/kg	<0.0066 U	<0.35 U	<0.0086 U	<0.45 U	<0.58 U	<0.01 U	<0.0067 U	<0.34 U	<0.0066 U	<0.25 U	<0.0067 U	<0.0077 U	<0.0061 U	<0.0065 U	<0.0066 U	<0.0074 U	<0.0067 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00019 U	<0.01 U	<0.00025 U	<0.013 U	<0.017 U	<0.0003 U	<0.0002 U	<0.01 U	<0.00019 U	<0.0074 U	<0.0002 U	<0.00023 U	<0.00018 U	<0.00019 U	<0.00019 U	<0.00022 U	<0.0002 U
Carbon Disulfide	75-15-0	770	1	mg/kg	0.0029 J	0.027 J	<0.00052 U	<0.027 U	<0.036 U	<0.00061 U	0.0008 J	<0.021 U	<0.0004 U	<0.015 U	<0.00041 U	<0.00047 U	0.00081 J	<0.00039 U	<0.0004 U	<0.00045 U	<0.00041 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.0003 U	<0.016 U	<0.00039 U	<0.02 U	<0.027 U	<0.00046 U	<0.00031 U	<0.015 U	<0.0003 U	<0.011 U	<0.0003 U	<0.00035 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00034 U	<0.00031 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.00027 U	<0.014 U	<0.00035 U	<0.018 U	<0.024 U	<0.00041 U	<0.00027 U	<0.014 U	<0.00027 U	<0.01 U	<0.00027 U	<0.00031 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.0003 U	<0.00027 U
Chloroethane	75-00-3	NS		mg/kg	<0.00074 U	<0.04 U	<0.00097 U	<0.05 U	<0.066 U	<0.0011 U	<0.00076 U	<0.038 U	<0.00074 U	<0.028 U	<0.00075 U	<0.00087 U	<0.00069 U	<0.00073 U	<0.00075 U	<0.00083 U	<0.00076 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00059 U	**<0.032 U**	<0.00077 U	**<0.04 U**	**<0.052 U**	<0.0009 U	<0.0006 U	**<0.03 U**	<0.00059 U	<0.023 U	<0.0006 U	<0.00069 U	<0.00055 U	<0.00058 U	<0.00059 U	<0.00066 U	<0.0006 U
Chloromethane	74-87-3	NS		mg/kg	<0.0015 U	<0.082 U	<0.002 U	<0.1 U	<0.14 U	<0.0024 U	<0.0016 U	<0.079 U	<0.0015 U	<0.059 U	<0.0016 U	<0.0018 U	<0.0014 U	<0.0015 U	<0.0015 U	<0.0017 U	<0.0016 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00034 U	<0.018 U	<0.00044 U	<0.023 U	<0.03 U	<0.00052 U	<0.00034 U	<0.017 U	<0.00034 U	<0.013 U	<0.00034 U	<0.00039 U	<0.00031 U	<0.00033 U	<0.00034 U	<0.00038 U	<0.00035 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00035 U	<0.019 U	<0.00046 U	<0.024 U	<0.031 U	<0.00053 U	<0.00036 U	<0.018 U	<0.00035 U	<0.013 U	<0.00035 U	<0.00041 U	<0.00033 U	<0.00034 U	<0.00035 U	<0.00039 U	<0.00036 U
Cymene	99-87-6	170	1	mg/kg	0.019	0.018 J	<0.00037 U	<0.019 U	0.33	<0.00043 U	<0.00029 U	<0.014 U	<0.00028 U	0.54	<0.00029 U	<0.00033 U	<0.00026 U	<0.00028 U	<0.00028 U	<0.00032 U	<0.00029 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00027 U	<0.015 U	<0.00036 U	<0.018 U	<0.024 U	<0.00042 U	<0.00028 U	<0.014 U	<0.00027 U	<0.01 U	<0.00028 U	<0.00032 U	<0.00025 U	<0.00027 U	<0.00027 U	<0.00031 U	<0.00028 U
Dibromomethane	74-95-3	NS		mg/kg	<0.0003 U	<0.016 U	<0.0004 U	<0.021 U	<0.027 U	<0.00047 U	<0.00031 U	<0.016 U	<0.0003 U	<0.012 U	<0.00031 U	<0.00036 U	<0.00028 U	<0.0003 U	<0.00031 U	<0.00034 U	<0.00031 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.00045 U	<0.024 U	<0.00059 U	<0.031 U	<0.04 U	<0.00069 U	<0.00046 U	<0.023 U	<0.00045 U	<0.017 U	<0.00046 U	<0.00053 U	<0.00042 U	<0.00045 U	<0.00046 U	<0.00051 U	<0.00046 U
Ethanol	64-17-5	NS		mg/kg	<0.092 U	<4.9 U	<0.12 U	<6.2 U	<8.2 U	<0.14 U	<0.094 U	<4.7 U	<0.092 U	<3.5 U	<0.093 U	<0.11 U	<0.086 U	<0.09 U	<0.093 U	<0.1 U	<0.094 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00024 U	<0.013 U	<0.00031 U	<0.016 U	<0.021 U	<0.00036 U	<0.00024 U	<0.012 U	<0.00024 U	<0.009 U	<0.00024 U	<0.00028 U	<0.00022 U	<0.00023 U	<0.00024 U	<0.00027 U	<0.00024 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	0.03	<0.011 U	<0.00027 U	<0.014 U	0.093	<0.00032 U	<0.00021 U	<0.011 U	<0.00021 U	0.098	<0.00021 U	<0.00024 U	<0.00019 U	<0.0002 U	<0.00021 U	<0.00023 U	<0.00021 U
Isopropyl Ether	108-20-3	NS		mg/kg	<0.0005 U	<0.027 U	<0.00065 U	<0.034 U	<0.044 U	<0.00077 U	<0.00051 U	<0.026 U	<0.0005 U	<0.019 U	<0.00051 U	<0.00058 U	<0.00047 U	<0.00049 U	<0.0005 U	<0.00056 U	<0.00051 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	0.011	<0.015 U	<0.00036 U	<0.019 U	0.22	<0.00042 U	<0.00028 U	<0.014 U	<0.00028 U	0.14	<0.00028 U	<0.00032 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00028 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	0.026	<0.025 U	<0.00062 U	<0.032 U	0.085 J	<0.00073 U	<0.00048 U	<0.024 U	<0.00047 U	0.069 J	<0.00048 U	<0.00055 U	<0.00044 U	<0.00046 U	<0.00048 U	<0.00053 U	<0.00049 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB2	SB2	SB2	SB6	SB6	SB6	SB8	SB8	SB8	SB9	SB9	SB9	SB17	SB17	SB17	SB18	SB18
				Sample Name	SB2-0.5	SB2-2.0	SB2-5.0	SB6-1.5	SB6-2.0	SB6-5.0	SB8-0.5	SB8-2.0	SB8-5.0	SB9-0.5	SB9-2.0	SB9-5.0	SB17-2.0	SB17-5.0	SB17-15.0	SB18-2.0	SB18-5.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/26/2024	11/26/2024	11/26/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	0.5	2	5	1.5	2	5	0.5	2	5	0.5	2	5	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	0.0062 J	<0.24 U	<0.0059 U	<0.31 U	<0.4 U	<0.0069 U	0.0073 J	<0.23 U	<0.0045 U	<0.17 U	0.0054 J	<0.0053 U	<0.0042 U	<0.0044 U	<0.0045 U	0.011 J	<0.0046 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0029 U	<0.16 U	<0.0038 U	<0.2 U	<0.26 U	<0.0045 U	<0.003 U	<0.15 U	<0.0029 U	<0.11 U	<0.0029 U	<0.0034 U	<0.0027 U	<0.0029 U	<0.0029 U	<0.0033 U	<0.003 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0031 U	<0.17 U	<0.0041 U	<0.21 U	<0.28 U	<0.0048 U	<0.0032 U	<0.16 U	<0.0031 U	<0.12 U	<0.0032 U	<0.0036 U	<0.0029 U	<0.0031 U	<0.0031 U	<0.0035 U	<0.0032 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	**0.17**	**<0.21 U**	<0.0051 U	**<0.27 U**	**1.6**	<0.006 U	<0.004 U	**<0.2 U**	<0.0039 U	**1.9**	<0.004 U	<0.0046 U	<0.0037 U	<0.0039 U	<0.0039 U	<0.0044 U	<0.004 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	0.034	0.044 J	<0.00028 U	<0.014 U	0.63	<0.00032 U	<0.00021 U	<0.011 U	<0.00021 U	0.19	<0.00021 U	<0.00025 U	<0.0002 U	<0.00021 U	<0.00021 U	<0.00024 U	<0.00022 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	0.029	<0.014 U	<0.00034 U	<0.018 U	0.48	<0.0004 U	<0.00027 U	<0.013 U	<0.00026 U	0.16	<0.00026 U	<0.0003 U	<0.00024 U	<0.00026 U	<0.00026 U	<0.00029 U	<0.00027 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	0.0024	<0.014 U	<0.00033 U	<0.017 U	<0.023 U	<0.00039 U	<0.00026 U	<0.013 U	<0.00025 U	0.056	<0.00026 U	<0.0003 U	<0.00024 U	<0.00025 U	<0.00026 U	<0.00029 U	<0.00026 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	0.023	0.019 J	<0.00036 U	<0.019 U	0.26	<0.00042 U	<0.00028 U	<0.014 U	<0.00027 U	0.24	<0.00028 U	<0.00032 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00028 U
Styrene	100-42-5	NS		mg/kg	<0.00032 U	<0.017 U	<0.00042 U	<0.021 U	<0.028 U	<0.00049 U	<0.00032 U	<0.016 U	<0.00032 U	<0.012 U	<0.00032 U	<0.00037 U	<0.0003 U	<0.00031 U	<0.00032 U	<0.00036 U	<0.00032 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00025 U	<0.014 U	<0.00033 U	<0.017 U	<0.023 U	<0.00039 U	<0.00026 U	<0.013 U	<0.00025 U	<0.0098 U	<0.00026 U	<0.0003 U	<0.00024 U	<0.00025 U	<0.00026 U	<0.00029 U	<0.00026 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**0.0087 J**	**<0.37 U**	**<0.0092 U**	**<0.47 U**	**<0.62 U**	**<0.011 U**	**0.0089 J**	**<0.36 U**	**<0.007 U**	**<0.27 U**	**<0.0071 U**	**0.011 J**	**<0.0065 U**	**<0.0069 U**	**<0.007 U**	**<0.0078 U**	**<0.0072 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00019 U	<0.01 U	<0.00025 U	<0.013 U	<0.017 U	<0.00029 U	<0.00019 U	<0.0096 U	<0.00019 U	<0.0072 U	<0.00019 U	<0.00022 U	<0.00018 U	<0.00018 U	<0.00019 U	<0.00021 U	<0.00019 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	0.0011	<0.012 U	<0.00029 U	<0.015 U	<0.02 U	<0.00034 U	<0.00023 U	<0.011 U	<0.00022 U	<0.0086 U	<0.00023 U	<0.00026 U	<0.00021 U	<0.00022 U	<0.00022 U	<0.00025 U	<0.00023 U
Toluene	108-88-3	3.2	4	mg/kg	0.0033	<0.014 U	<0.00035 U	<0.018 U	<0.024 U	<0.00041 U	0.00048 J	<0.014 U	<0.00027 U	0.012 J	<0.00027 U	<0.00031 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.0003 U	<0.00028 U
Total Xylenes	1330-20-7	2.1	4	mg/kg	0.028	<0.032 U	<0.00079 U	<0.041 U	0.085 J	<0.00092 U	<0.00061 U	<0.031 U	<0.0006 U	0.13	<0.00061 U	<0.0007 U	<0.00056 U	<0.00059 U	<0.0006 U	<0.00067 U	<0.00061 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.0003 U	<0.016 U	<0.00039 U	<0.02 U	<0.027 U	<0.00046 U	<0.00031 U	<0.015 U	<0.0003 U	<0.012 U	<0.0003 U	<0.00035 U	<0.00028 U	<0.0003 U	<0.0003 U	<0.00034 U	<0.00031 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00028 U	<0.015 U	<0.00037 U	<0.019 U	<0.025 U	<0.00043 U	<0.00029 U	<0.014 U	<0.00028 U	<0.011 U	<0.00028 U	<0.00033 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.00029 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	0.0049	<0.021 U	<0.00051 U	<0.026 U	<0.034 U	<0.00059 U	<0.00039 U	<0.02 U	<0.00039 U	<0.015 U	<0.00039 U	<0.00045 U	<0.00036 U	<0.00038 U	<0.00039 U	<0.00043 U	<0.0004 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00027 U	<0.015 U	<0.00036 U	<0.018 U	<0.024 U	<0.00042 U	<0.00028 U	<0.014 U	<0.00027 U	<0.01 U	<0.00028 U	<0.00032 U	<0.00025 U	<0.00027 U	<0.00027 U	<0.00031 U	<0.00028 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0039 U	<0.21 U	<0.0051 U	<0.27 U	<0.35 U	<0.006 U	<0.004 U	<0.2 U	<0.0039 U	<0.15 U	<0.004 U	<0.0046 U	<0.0036 U	<0.0038 U	<0.0039 U	<0.0044 U	<0.004 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00038 U	**<0.02 U**	<0.0005 U	**<0.026 U**	**<0.034 U**	<0.00058 U	<0.00039 U	**<0.019 U**	<0.00038 U	**<0.015 U**	<0.00038 U	<0.00044 U	<0.00035 U	<0.00037 U	<0.00038 U	<0.00043 U	<0.00039 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB18	SB19	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24
				Sample Name	SB18-14.0	SB19-2.0	SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0
				Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	14	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00036 U	<0.00035 U	<0.00036 U	<0.0003 U	<0.013 U	<0.00035 U	<0.00031 U	<0.016 U	<0.0003 U	<0.0003 U	<0.011 U	<0.00034 U	<0.00027 U	<0.065 U	<0.00034 U	<0.00035 U	<0.00025 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00029 U	<0.00028 U	<0.00029 U	<0.00024 U	<0.011 U	<0.00028 U	<0.00025 U	<0.013 U	<0.00024 U	<0.00024 U	<0.0087 U	<0.00027 U	<0.00022 U	<0.052 U	<0.00027 U	<0.00028 U	<0.0002 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00068 U	<0.00066 U	<0.00068 U	<0.00056 U	<0.025 U	<0.00065 U	<0.00059 U	<0.03 U	<0.00056 U	<0.00055 U	<0.02 U	<0.00064 U	<0.00051 U	<0.12 U	<0.00064 U	<0.00066 U	<0.00047 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00058 U	<0.00056 U	<0.00058 U	<0.00047 U	<0.021 U	<0.00055 U	<0.0005 U	<0.026 U	<0.00047 U	<0.00047 U	<0.017 U	<0.00054 U	<0.00044 U	<0.1 U	<0.00054 U	<0.00056 U	<0.0004 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00058 U	<0.00056 U	<0.00058 U	<0.00048 U	<0.021 U	<0.00055 U	<0.0005 U	<0.026 U	<0.00047 U	<0.00047 U	<0.017 U	<0.00054 U	<0.00044 U	**<0.1 U**	<0.00054 U	<0.00056 U	<0.0004 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00035 U	<0.00034 U	<0.00035 U	<0.00029 U	<0.013 U	<0.00033 U	<0.0003 U	<0.016 U	<0.00029 U	<0.00028 U	<0.01 U	<0.00033 U	<0.00026 U	<0.062 U	<0.00033 U	<0.00034 U	<0.00024 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00033 U	<0.00032 U	<0.00033 U	<0.00027 U	<0.012 U	<0.00032 U	<0.00029 U	<0.015 U	<0.00027 U	<0.00027 U	<0.0098 U	<0.00031 U	<0.00025 U	<0.059 U	<0.00031 U	<0.00032 U	<0.00023 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00048 U	<0.00047 U	<0.00049 U	<0.0004 U	<0.018 U	<0.00046 U	<0.00042 U	<0.022 U	<0.0004 U	<0.00039 U	<0.014 U	<0.00045 U	<0.00037 U	<0.086 U	<0.00046 U	<0.00047 U	<0.00033 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00047 U	<0.00045 U	<0.00047 U	<0.00039 U	<0.017 U	<0.00045 U	<0.00041 U	<0.021 U	<0.00038 U	<0.00038 U	<0.014 U	<0.00044 U	<0.00035 U	<0.084 U	<0.00044 U	<0.00046 U	<0.00032 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00052 U	<0.00051 U	<0.00052 U	<0.00043 U	<0.019 U	<0.0005 U	<0.00045 U	<0.023 U	<0.00043 U	<0.00043 U	<0.016 U	<0.00049 U	<0.00039 U	<0.093 U	<0.00049 U	<0.00051 U	<0.00036 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00051 U	<0.0005 U	<0.00051 U	<0.00042 U	<0.019 U	<0.00049 U	<0.00044 U	<0.023 U	<0.00042 U	<0.00042 U	<0.015 U	<0.00048 U	<0.00039 U	<0.091 U	<0.00048 U	<0.0005 U	<0.00035 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	0.0019 J	0.00053 J	<0.00035 U	<0.00029 U	<0.013 U	<0.00033 U	<0.0003 U	<0.016 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.062 U	<0.00033 U	<0.00034 U	<0.00024 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.0042 U	<0.004 U	<0.0042 U	<0.0034 U	<0.15 U	<0.004 U	<0.0036 U	<0.19 U	<0.0034 U	<0.0034 U	<0.12 U	<0.0039 U	<0.0031 U	<0.74 U	<0.0039 U	<0.004 U	<0.0029 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00026 U	<0.00025 U	<0.00026 U	<0.00021 U	<0.0095 U	<0.00025 U	<0.00022 U	<0.012 U	<0.00021 U	<0.00021 U	<0.0076 U	<0.00024 U	<0.00019 U	<0.046 U	<0.00024 U	<0.00025 U	<0.00018 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00031 U	<0.0003 U	<0.00031 U	<0.00026 U	<0.012 U	<0.0003 U	<0.00027 U	0.018 J	<0.00026 U	<0.00025 U	<0.0093 U	<0.00029 U	<0.00024 U	<0.056 U	<0.00029 U	<0.0003 U	<0.00022 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00034 U	<0.00033 U	<0.00035 U	<0.00028 U	<0.013 U	<0.00033 U	<0.0003 U	<0.015 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.061 U	<0.00032 U	<0.00033 U	<0.00024 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00034 U	<0.00033 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00033 U	<0.0003 U	<0.015 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.061 U	<0.00032 U	<0.00033 U	<0.00024 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	0.00062 J	<0.00032 U	<0.00033 U	<0.00027 U	<0.012 U	<0.00032 U	<0.00029 U	<0.015 U	<0.00027 U	<0.00027 U	<0.0099 U	<0.00031 U	<0.00025 U	<0.059 U	<0.00031 U	<0.00032 U	<0.00023 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00031 U	<0.0003 U	<0.00032 U	<0.00026 U	<0.012 U	<0.0003 U	<0.00027 U	<0.014 U	<0.00026 U	<0.00026 U	<0.0094 U	<0.0003 U	<0.00024 U	<0.056 U	<0.0003 U	<0.00031 U	<0.00022 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00037 U	<0.00036 U	<0.00037 U	<0.0003 U	<0.014 U	<0.00035 U	<0.00032 U	<0.016 U	<0.0003 U	<0.0003 U	<0.011 U	<0.00035 U	<0.00028 U	<0.066 U	<0.00035 U	<0.00036 U	<0.00025 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00038 U	<0.00037 U	<0.00038 U	<0.00032 U	0.051	<0.00037 U	<0.00033 U	<0.017 U	<0.00031 U	<0.00031 U	<0.011 U	<0.00036 U	<0.00029 U	<0.068 U	<0.00036 U	<0.00037 U	<0.00026 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00034 U	<0.00033 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00032 U	<0.00029 U	<0.015 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.06 U	<0.00032 U	<0.00033 U	<0.00023 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00031 U	<0.0003 U	<0.00032 U	<0.00026 U	<0.012 U	<0.0003 U	<0.00027 U	<0.014 U	<0.00026 U	<0.00026 U	<0.0094 U	<0.00029 U	<0.00024 U	<0.056 U	<0.0003 U	<0.00031 U	<0.00022 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0038 U	<0.0037 U	<0.0038 U	<0.0032 U	<0.14 U	<0.0037 U	<0.0033 U	<0.17 U	<0.0031 U	<0.0031 U	<0.11 U	<0.0036 U	<0.0029 U	<0.68 U	<0.0036 U	<0.0037 U	<0.0026 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.0003 U	<0.00029 U	<0.0003 U	<0.00025 U	<0.011 U	<0.00029 U	<0.00026 U	<0.014 U	<0.00025 U	<0.00025 U	<0.009 U	<0.00028 U	<0.00023 U	<0.054 U	<0.00028 U	<0.00029 U	<0.00021 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.074	0.09	0.056	0.022	<0.45 U	0.042	0.02 J	<0.55 U	0.036	<0.01 U	<0.36 U	0.039	<0.0093 U	**<2.2 U**	0.094	<0.012 U	0.05
Benzene	71-43-2	**0.025**	4	mg/kg	0.00036 J	0.00043 J	<0.00032 U	<0.00026 U	<0.012 U	<0.00031 U	<0.00028 U	<0.014 U	<0.00026 U	<0.00026 U	<0.0096 U	<0.0003 U	0.00031 J	**<0.057 U**	<0.0003 U	<0.00031 U	0.0043
Bromobenzene	108-86-1	NS		mg/kg	<0.00026 U	<0.00025 U	<0.00026 U	<0.00021 U	<0.0096 U	<0.00025 U	<0.00023 U	<0.012 U	<0.00021 U	<0.00021 U	<0.0077 U	<0.00024 U	<0.0002 U	<0.046 U	<0.00024 U	<0.00025 U	<0.00018 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.00055 U	<0.00054 U	<0.00056 U	<0.00046 U	<0.021 U	<0.00053 U	<0.00048 U	<0.025 U	<0.00045 U	<0.00045 U	<0.017 U	<0.00052 U	<0.00042 U	<0.099 U	<0.00052 U	<0.00054 U	<0.00038 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00041 U	<0.00039 U	<0.00041 U	<0.00033 U	<0.015 U	<0.00039 U	<0.00035 U	**<0.018 U**	<0.00033 U	<0.00033 U	<0.012 U	<0.00038 U	<0.00031 U	**<0.072 U**	<0.00038 U	<0.00039 U	<0.00028 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0016 U	<0.0016 U	<0.0017 U	<0.0014 U	<0.061 U	<0.0016 U	<0.0014 U	<0.074 U	<0.0013 U	<0.0013 U	<0.049 U	<0.0015 U	<0.0012 U	<0.29 U	<0.0016 U	<0.0016 U	<0.0011 U
Bromomethane	74-83-9	NS		mg/kg	<0.0082 U	<0.0079 U	<0.0082 U	<0.0068 U	<0.3 U	<0.0078 U	<0.0071 U	<0.37 U	<0.0067 U	<0.0067 U	<0.24 U	<0.0077 U	<0.0062 U	<1.5 U	<0.0077 U	<0.008 U	<0.0056 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00024 U	<0.00023 U	<0.00024 U	<0.0002 U	<0.009 U	<0.00023 U	<0.00021 U	<0.011 U	<0.0002 U	<0.0002 U	<0.0072 U	<0.00023 U	<0.00018 U	<0.043 U	<0.00023 U	<0.00024 U	<0.00017 U
Carbon Disulfide	75-15-0	770	1	mg/kg	0.00092 J	0.0013 J	<0.0005 U	<0.00041 U	<0.018 U	<0.00048 U	<0.00043 U	<0.022 U	<0.00041 U	<0.00041 U	0.015 J	<0.00047 U	<0.00038 U	<0.089 U	0.0015 J	<0.00049 U	0.00036 J
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00037 U	<0.00036 U	<0.00037 U	<0.00031 U	<0.014 U	<0.00036 U	<0.00032 U	<0.017 U	<0.00031 U	<0.0003 U	<0.011 U	<0.00035 U	<0.00028 U	<0.067 U	<0.00035 U	<0.00036 U	<0.00026 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	0.00047 J	<0.00032 U	<0.00033 U	<0.00027 U	0.056	<0.00032 U	<0.00029 U	<0.015 U	<0.00027 U	<0.00027 U	<0.0099 U	<0.00031 U	<0.00025 U	<0.06 U	<0.00031 U	<0.00032 U	<0.00023 U
Chloroethane	75-00-3	NS		mg/kg	<0.00093 U	<0.0009 U	<0.00093 U	<0.00076 U	<0.034 U	<0.00089 U	<0.0008 U	<0.042 U	<0.00076 U	<0.00076 U	<0.028 U	<0.00087 U	<0.0007 U	<0.17 U	<0.00087 U	<0.0009 U	<0.00064 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00073 U	<0.00071 U	<0.00074 U	<0.00061 U	**<0.027 U**	<0.0007 U	<0.00064 U	**<0.033 U**	<0.0006 U	<0.0006 U	<0.022 U	<0.00069 U	<0.00056 U	**<0.13 U**	<0.00069 U	<0.00071 U	<0.00051 U
Chloromethane	74-87-3	NS		mg/kg	<0.0019 U	<0.0019 U	<0.0019 U	<0.0016 U	<0.071 U	<0.0018 U	<0.0017 U	<0.086 U	<0.0016 U	<0.0016 U	<0.057 U	<0.0018 U	<0.0014 U	<0.34 U	<0.0018 U	<0.0019 U	<0.0013 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00042 U	<0.00041 U	<0.00042 U	<0.00035 U	<0.016 U	<0.0004 U	<0.00037 U	<0.019 U	<0.00034 U	<0.00034 U	<0.013 U	<0.00039 U	<0.00032 U	<0.075 U	<0.0004 U	<0.00041 U	<0.00029 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00043 U	<0.00042 U	<0.00044 U	<0.00036 U	<0.016 U	<0.00042 U	<0.00038 U	<0.019 U	<0.00036 U	<0.00035 U	<0.013 U	<0.00041 U	<0.00033 U	<0.078 U	<0.00041 U	<0.00042 U	<0.0003 U
Cymene	99-87-6	170	1	mg/kg	0.00036 J	0.00048 J	<0.00035 U	<0.00029 U	<0.013 U	<0.00034 U	<0.00031 U	0.051 J	<0.00029 U	<0.00029 U	<0.01 U	<0.00033 U	<0.00027 U	<0.063 U	<0.00033 U	<0.00034 U	<0.00024 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00034 U	<0.00033 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00033 U	<0.0003 U	<0.015 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.061 U	<0.00032 U	<0.00033 U	<0.00023 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00038 U	<0.00037 U	<0.00038 U	<0.00031 U	<0.014 U	<0.00036 U	<0.00033 U	<0.017 U	<0.00031 U	<0.00031 U	<0.011 U	<0.00036 U	<0.00029 U	<0.068 U	<0.00036 U	<0.00037 U	<0.00026 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.00057 U	<0.00055 U	<0.00057 U	<0.00047 U	<0.021 U	<0.00054 U	<0.00049 U	<0.025 U	<0.00046 U	<0.00046 U	<0.017 U	<0.00053 U	<0.00043 U	<0.1 U	<0.00053 U	<0.00055 U	<0.00039 U
Ethanol	64-17-5	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.095 U	<4.3 U	<0.11 U	<0.1 U	<5.1 U	<0.094 U	<0.094 U	<3.4 U	<0.11 U	<0.087 U	<20 U	<0.11 U	<0.11 U	<0.079 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00029 U	<0.00029 U	<0.0003 U	<0.00024 U	<0.011 U	<0.00028 U	<0.00026 U	<0.013 U	<0.00024 U	<0.00024 U	<0.0088 U	<0.00028 U	<0.00022 U	<0.052 U	<0.00028 U	<0.00029 U	<0.0002 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	0.00029 J	0.00049 J	<0.00026 U	<0.00021 U	<0.0095 U	<0.00025 U	<0.00022 U	0.015 J	<0.00021 U	<0.00021 U	<0.0077 U	<0.00024 U	<0.00019 U	<0.046 U	<0.00024 U	<0.00025 U	0.00083 J
Isopropyl Ether	108-20-3	NS		mg/kg	<0.00062 U	<0.0006 U	<0.00063 U	<0.00051 U	<0.023 U	<0.0006 U	<0.00054 U	<0.028 U	<0.00051 U	<0.00051 U	<0.019 U	<0.00058 U	<0.00047 U	<0.11 U	<0.00059 U	<0.00061 U	<0.00043 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	<0.00034 U	<0.00033 U	<0.00035 U	<0.00028 U	<0.013 U	<0.00033 U	<0.0003 U	0.02 J	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.061 U	<0.00032 U	<0.00033 U	<0.00024 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.00059 U	<0.00057 U	<0.00059 U	<0.00049 U	<0.022 U	<0.00057 U	<0.00051 U	<0.026 U	<0.00048 U	<0.00048 U	<0.018 U	<0.00055 U	<0.00045 U	<0.11 U	<0.00056 U	<0.00057 U	0.00068 J

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB18	SB19	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24
				Sample Name	SB18-14.0	SB19-2.0	SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0
				Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	14	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	0.01 J	0.015 J	<0.0056 U	<0.0046 U	<0.21 U	<0.0054 U	<0.0049 U	<0.25 U	<0.0046 U	<0.0046 U	<0.17 U	<0.0053 U	<0.0043 U	<1 U	0.0085 J	<0.0055 U	<0.0039 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0036 U	<0.0035 U	<0.0036 U	<0.003 U	<0.13 U	<0.0035 U	<0.0031 U	<0.16 U	<0.003 U	<0.003 U	<0.11 U	<0.0034 U	<0.0027 U	**<0.65 U**	<0.0034 U	<0.0035 U	<0.0025 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0039 U	<0.0038 U	<0.0039 U	<0.0032 U	<0.14 U	<0.0037 U	<0.0034 U	<0.17 U	<0.0032 U	<0.0032 U	<0.12 U	<0.0037 U	<0.0029 U	<0.69 U	<0.0037 U	<0.0038 U	<0.0027 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.0049 U	<0.0047 U	<0.0049 U	<0.004 U	**<0.18 U**	<0.0047 U	<0.0042 U	**<0.22 U**	<0.004 U	<0.004 U	**<0.15 U**	<0.0046 U	<0.0037 U	**<0.87 U**	<0.0046 U	<0.0048 U	<0.0034 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	<0.00026 U	<0.00025 U	<0.00026 U	<0.00022 U	<0.0097 U	<0.00025 U	<0.00023 U	0.045 J	<0.00021 U	<0.00021 U	<0.0078 U	<0.00025 U	<0.0002 U	<0.047 U	0.00027 J	<0.00026 U	<0.00018 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	<0.00032 U	<0.00031 U	<0.00033 U	<0.00027 U	<0.012 U	<0.00031 U	<0.00028 U	0.025 J	<0.00027 U	<0.00026 U	<0.0096 U	<0.0003 U	<0.00024 U	<0.058 U	<0.00031 U	<0.00032 U	<0.00022 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	0.00034 J	<0.00031 U	<0.00032 U	<0.00026 U	<0.012 U	<0.0003 U	<0.00028 U	0.018 J	<0.00026 U	<0.00026 U	<0.0095 U	<0.0003 U	<0.00024 U	<0.057 U	<0.0003 U	<0.00031 U	0.00024 J
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	0.00035 J	<0.00033 U	<0.00034 U	<0.00028 U	0.064	<0.00033 U	<0.0003 U	0.035 J	<0.00028 U	<0.00028 U	0.011 J	<0.00032 U	<0.00026 U	<0.061 U	0.00035 J	<0.00033 U	<0.00024 U
Styrene	100-42-5	NS		mg/kg	<0.0004 U	<0.00038 U	<0.0004 U	<0.00033 U	<0.015 U	<0.00038 U	<0.00034 U	<0.018 U	<0.00032 U	<0.00032 U	<0.012 U	<0.00037 U	<0.0003 U	<0.07 U	<0.00037 U	<0.00038 U	<0.00027 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00032 U	<0.00031 U	<0.00032 U	<0.00026 U	<0.012 U	<0.0003 U	<0.00028 U	<0.014 U	<0.00026 U	<0.00026 U	<0.0094 U	<0.0003 U	<0.00024 U	<0.057 U	<0.0003 U	<0.00031 U	<0.00022 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0087 U**	**0.0099 J**	**<0.0087 U**	**<0.0072 U**	**<0.32 U**	**<0.0083 U**	**<0.0076 U**	**<0.39 U**	**0.019 J**	**<0.0071 U**	**<0.26 U**	**<0.0082 U**	**<0.0066 U**	**<1.6 U**	**0.024**	**<0.0085 U**	**<0.006 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00023 U	<0.00023 U	<0.00023 U	<0.00019 U	<0.0087 U	<0.00022 U	<0.0002 U	<0.01 U	<0.00019 U	<0.00019 U	<0.007 U	<0.00022 U	<0.00018 U	<0.042 U	<0.00022 U	<0.00023 U	<0.00016 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.00028 U	<0.00027 U	<0.00028 U	<0.00023 U	<0.01 U	<0.00027 U	<0.00024 U	<0.012 U	<0.00023 U	<0.00023 U	<0.0083 U	<0.00026 U	<0.00021 U	<0.05 U	<0.00026 U	<0.00027 U	<0.00019 U
Toluene	108-88-3	3.2	4	mg/kg	0.00037 J	0.00051 J	<0.00034 U	<0.00028 U	<0.012 U	<0.00032 U	<0.00029 U	<0.015 U	<0.00027 U	<0.00027 U	<0.01 U	<0.00031 U	<0.00025 U	<0.06 U	<0.00032 U	<0.00033 U	0.0042
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00075 U	<0.00072 U	<0.00075 U	<0.00062 U	<0.028 U	<0.00072 U	<0.00065 U	<0.034 U	<0.00061 U	<0.00061 U	<0.022 U	<0.0007 U	<0.00057 U	<0.13 U	<0.0007 U	<0.00073 U	0.00092 J
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00037 U	<0.00036 U	<0.00038 U	<0.00031 U	<0.014 U	<0.00036 U	<0.00033 U	<0.017 U	<0.00031 U	<0.00031 U	<0.011 U	<0.00035 U	<0.00028 U	<0.067 U	<0.00035 U	<0.00036 U	<0.00026 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00035 U	<0.00034 U	<0.00035 U	<0.00029 U	<0.013 U	<0.00033 U	<0.0003 U	<0.016 U	<0.00029 U	<0.00028 U	<0.01 U	<0.00033 U	<0.00026 U	<0.062 U	<0.00033 U	<0.00034 U	<0.00024 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00048 U	<0.00047 U	<0.00048 U	<0.0004 U	<0.018 U	<0.00046 U	<0.00042 U	<0.022 U	<0.00039 U	<0.00039 U	<0.014 U	<0.00045 U	<0.00036 U	**<0.086 U**	<0.00045 U	<0.00047 U	<0.00033 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00034 U	<0.00033 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00033 U	<0.0003 U	<0.015 U	<0.00028 U	<0.00028 U	<0.01 U	<0.00032 U	<0.00026 U	<0.061 U	<0.00032 U	<0.00033 U	<0.00023 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0049 U	<0.0047 U	<0.0049 U	<0.004 U	<0.18 U	<0.0047 U	<0.0042 U	<0.22 U	<0.004 U	<0.004 U	<0.15 U	<0.0046 U	<0.0037 U	<0.87 U	<0.0046 U	<0.0047 U	<0.0034 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00047 U	<0.00046 U	<0.00047 U	<0.00039 U	**<0.018 U**	<0.00045 U	<0.00041 U	**<0.021 U**	<0.00039 U	<0.00038 U	**<0.014 U**	<0.00044 U	<0.00036 U	**<0.084 U**	<0.00044 U	<0.00046 U	<0.00032 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB24	SB24	SB25	SB25	SB25	SB26	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29
				Sample Name	SB24-5.0	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0	SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0
				Sample Date	12/03/2024	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	1	5	15	2	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00026 U	<0.00031 U	<0.00028 U	<0.00035 U	<0.00035 U	<0.015 U	<0.00033 U	<0.00034 U	<0.00044 U	<0.00027 U	<0.00031 U	<0.00031 U	<0.00033 U	<0.00036 U	<0.014 U	<0.00025 U	<0.00031 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00021 U	<0.00025 U	<0.00022 U	<0.00028 U	<0.00028 U	<0.012 U	<0.00027 U	<0.00028 U	<0.00035 U	<0.00022 U	<0.00025 U	<0.00025 U	<0.00026 U	<0.00029 U	<0.011 U	<0.0002 U	<0.00025 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00048 U	<0.00057 U	<0.00052 U	<0.00065 U	<0.00066 U	<0.028 U	<0.00062 U	<0.00064 U	<0.00081 U	<0.0005 U	<0.00057 U	<0.00059 U	<0.00061 U	<0.00067 U	<0.026 U	<0.00048 U	<0.00057 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00041 U	<0.00049 U	<0.00044 U	<0.00055 U	<0.00056 U	<0.024 U	<0.00053 U	<0.00055 U	<0.00069 U	<0.00043 U	<0.00049 U	<0.0005 U	<0.00052 U	<0.00057 U	<0.022 U	<0.0004 U	<0.00049 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00041 U	<0.00049 U	<0.00044 U	<0.00055 U	<0.00057 U	<0.024 U	<0.00053 U	<0.00055 U	<0.00069 U	<0.00043 U	<0.00049 U	<0.0005 U	<0.00052 U	<0.00057 U	<0.022 U	<0.00041 U	<0.00049 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00025 U	<0.0003 U	<0.00027 U	<0.00033 U	<0.00034 U	<0.014 U	<0.00032 U	<0.00033 U	<0.00042 U	<0.00026 U	<0.00029 U	<0.0003 U	<0.00032 U	<0.00034 U	<0.013 U	<0.00024 U	<0.0003 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00024 U	<0.00028 U	<0.00025 U	<0.00032 U	<0.00032 U	<0.014 U	<0.0003 U	<0.00031 U	<0.0004 U	<0.00025 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00033 U	<0.012 U	<0.00023 U	<0.00028 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00035 U	<0.00041 U	<0.00037 U	<0.00046 U	<0.00047 U	<0.02 U	<0.00044 U	<0.00046 U	<0.00058 U	<0.00036 U	<0.00041 U	<0.00042 U	<0.00044 U	<0.00048 U	<0.018 U	<0.00034 U	<0.00041 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00034 U	<0.0004 U	<0.00036 U	<0.00045 U	<0.00046 U	<0.019 U	<0.00043 U	<0.00044 U	<0.00056 U	<0.00035 U	<0.0004 U	<0.00041 U	<0.00042 U	<0.00046 U	<0.018 U	<0.00033 U	<0.0004 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00037 U	<0.00044 U	<0.0004 U	<0.0005 U	<0.00051 U	<0.022 U	<0.00048 U	<0.0005 U	<0.00063 U	<0.00039 U	<0.00044 U	<0.00045 U	<0.00047 U	<0.00051 U	<0.02 U	<0.00037 U	<0.00044 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00037 U	<0.00043 U	<0.00039 U	<0.00049 U	<0.0005 U	<0.021 U	<0.00047 U	<0.00049 U	<0.00061 U	<0.00038 U	<0.00043 U	<0.00044 U	<0.00046 U	<0.0005 U	<0.019 U	<0.00036 U	<0.00043 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	<0.00025 U	<0.00029 U	<0.00026 U	<0.00033 U	<0.00034 U	<0.014 U	<0.00032 U	<0.00033 U	0.0034	<0.00026 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	0.64	<0.00024 U	<0.00029 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.003 U	<0.0035 U	<0.0032 U	<0.004 U	<0.0041 U	<0.17 U	<0.0038 U	<0.0039 U	<0.005 U	<0.0031 U	<0.0035 U	<0.0036 U	<0.0038 U	<0.0041 U	<0.16 U	<0.0029 U	<0.0035 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00018 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.00025 U	<0.011 U	<0.00024 U	<0.00024 U	<0.00031 U	<0.00019 U	<0.00022 U	<0.00022 U	<0.00023 U	<0.00025 U	<0.0097 U	<0.00018 U	<0.00022 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00022 U	<0.00026 U	<0.00024 U	<0.0003 U	<0.00031 U	<0.013 U	<0.00029 U	<0.0003 U	<0.00037 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.012 U	<0.00022 U	<0.00026 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00025 U	<0.00029 U	<0.00026 U	<0.00033 U	<0.00034 U	<0.014 U	<0.00032 U	<0.00033 U	<0.00041 U	<0.00026 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	<0.013 U	<0.00024 U	<0.00029 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00025 U	<0.00029 U	<0.00026 U	<0.00033 U	<0.00034 U	<0.014 U	<0.00032 U	<0.00033 U	<0.00041 U	<0.00025 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	<0.013 U	<0.00024 U	<0.00029 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	<0.00024 U	<0.00028 U	<0.00025 U	<0.00032 U	<0.00033 U	<0.014 U	<0.00031 U	<0.00032 U	0.0016 J	<0.00025 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00033 U	0.23	<0.00023 U	<0.00028 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00022 U	<0.00027 U	<0.00024 U	<0.0003 U	<0.00031 U	<0.013 U	<0.00029 U	<0.0003 U	<0.00038 U	<0.00023 U	<0.00027 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.012 U	<0.00022 U	<0.00027 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00026 U	<0.00031 U	<0.00028 U	<0.00035 U	<0.00036 U	<0.015 U	<0.00034 U	<0.00035 U	<0.00044 U	<0.00027 U	<0.00031 U	<0.00032 U	<0.00033 U	<0.00036 U	<0.014 U	<0.00026 U	<0.00031 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00027 U	<0.00032 U	<0.00029 U	<0.00037 U	<0.00037 U	<0.016 U	<0.00035 U	<0.00036 U	<0.00046 U	<0.00028 U	<0.00032 U	<0.00033 U	<0.00035 U	<0.00038 U	<0.014 U	<0.00027 U	<0.00032 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00024 U	<0.00029 U	<0.00026 U	<0.00032 U	<0.00033 U	<0.014 U	<0.00031 U	<0.00032 U	<0.00041 U	<0.00025 U	<0.00029 U	<0.00029 U	<0.00031 U	<0.00033 U	<0.013 U	<0.00024 U	<0.00029 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00022 U	<0.00027 U	<0.00024 U	<0.0003 U	<0.00031 U	<0.013 U	<0.00029 U	<0.0003 U	<0.00038 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00028 U	<0.00031 U	<0.012 U	<0.00022 U	<0.00027 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0027 U	<0.0032 U	<0.0029 U	<0.0037 U	<0.0037 U	<0.16 U	<0.0035 U	<0.0036 U	<0.0046 U	<0.0028 U	<0.0032 U	<0.0033 U	<0.0035 U	<0.0038 U	<0.14 U	<0.0027 U	<0.0032 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00022 U	<0.00025 U	<0.00023 U	<0.00029 U	<0.00029 U	<0.012 U	<0.00028 U	<0.00029 U	<0.00036 U	<0.00022 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.0003 U	<0.011 U	<0.00021 U	<0.00026 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.023	0.018 J	0.03	0.017 J	0.035	<0.51 U	0.027	0.022 J	0.19	0.023	<0.01 U	0.053	0.051	0.015 J	<0.46 U	0.021	0.013 J
Benzene	71-43-2	**0.025**	4	mg/kg	<0.00023 U	<0.00027 U	<0.00024 U	<0.00031 U	<0.00031 U	<0.013 U	<0.00029 U	0.00049 J	0.0017	<0.00024 U	<0.00027 U	<0.00028 U	<0.00029 U	<0.00032 U	0.023 J	<0.00023 U	0.00028 J
Bromobenzene	108-86-1	NS		mg/kg	<0.00019 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.00025 U	<0.011 U	<0.00024 U	<0.00025 U	<0.00031 U	<0.00019 U	<0.00022 U	<0.00023 U	<0.00023 U	<0.00026 U	<0.0098 U	<0.00018 U	<0.00022 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.0004 U	<0.00047 U	<0.00042 U	<0.00053 U	<0.00054 U	<0.023 U	<0.00051 U	<0.00053 U	<0.00067 U	<0.00041 U	<0.00047 U	<0.00048 U	<0.0005 U	<0.00055 U	<0.021 U	<0.00039 U	<0.00047 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00029 U	<0.00034 U	<0.00031 U	<0.00039 U	<0.0004 U	**<0.017 U**	<0.00037 U	<0.00038 U	<0.00049 U	<0.0003 U	<0.00034 U	<0.00035 U	<0.00037 U	<0.0004 U	<0.015 U	<0.00028 U	<0.00034 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0012 U	<0.0014 U	<0.0013 U	<0.0016 U	0.0028 J	<0.068 U	<0.0015 U	<0.0016 U	<0.002 U	<0.0012 U	<0.0014 U	<0.0014 U	<0.0015 U	<0.0016 U	<0.062 U	<0.0012 U	0.0033 J
Bromomethane	74-83-9	NS		mg/kg	<0.0059 U	<0.0069 U	<0.0062 U	<0.0078 U	<0.008 U	<0.34 U	<0.0075 U	<0.0078 U	<0.0098 U	<0.0061 U	<0.0069 U	<0.0071 U	<0.0074 U	<0.0081 U	<0.31 U	<0.0057 U	<0.0069 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00017 U	<0.0002 U	<0.00018 U	<0.00023 U	<0.00024 U	<0.01 U	<0.00022 U	<0.00023 U	<0.00029 U	<0.00018 U	<0.0002 U	<0.00021 U	<0.00022 U	<0.00024 U	<0.0091 U	<0.00017 U	<0.0002 U
Carbon Disulfide	75-15-0	770	1	mg/kg	<0.00036 U	<0.00042 U	<0.00038 U	<0.00048 U	<0.00049 U	<0.021 U	<0.00046 U	<0.00047 U	0.0028 J	<0.00037 U	<0.00042 U	<0.00043 U	<0.00045 U	<0.00049 U	<0.019 U	0.00037 J	<0.00042 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00027 U	<0.00032 U	<0.00028 U	<0.00036 U	<0.00036 U	<0.015 U	<0.00034 U	<0.00035 U	<0.00045 U	<0.00028 U	<0.00031 U	<0.00032 U	<0.00034 U	<0.00037 U	<0.014 U	<0.00026 U	<0.00032 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.00024 U	<0.00028 U	<0.00025 U	<0.00032 U	<0.00033 U	<0.014 U	<0.00031 U	<0.00032 U	<0.0004 U	<0.00025 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00033 U	<0.013 U	<0.00023 U	<0.00028 U
Chloroethane	75-00-3	NS		mg/kg	<0.00066 U	<0.00078 U	<0.00071 U	<0.00089 U	<0.00091 U	<0.038 U	<0.00085 U	<0.00088 U	<0.0011 U	<0.00069 U	<0.00078 U	<0.0008 U	<0.00084 U	<0.00091 U	<0.035 U	<0.00065 U	<0.00078 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00052 U	<0.00062 U	<0.00056 U	<0.0007 U	<0.00072 U	**<0.03 U**	<0.00067 U	<0.0007 U	<0.00088 U	<0.00054 U	<0.00062 U	<0.00064 U	<0.00066 U	<0.00072 U	**<0.028 U**	<0.00052 U	<0.00062 U
Chloromethane	74-87-3	NS		mg/kg	<0.0014 U	<0.0016 U	<0.0015 U	<0.0018 U	<0.0019 U	<0.079 U	<0.0018 U	<0.0018 U	<0.0023 U	<0.0014 U	<0.0016 U	<0.0017 U	<0.0017 U	<0.0019 U	<0.072 U	<0.0013 U	<0.0016 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.0003 U	<0.00036 U	<0.00032 U	<0.0004 U	<0.00041 U	<0.017 U	<0.00039 U	<0.0004 U	<0.0005 U	<0.00031 U	<0.00035 U	<0.00037 U	<0.00038 U	<0.00041 U	<0.016 U	<0.00029 U	<0.00036 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00031 U	<0.00037 U	<0.00033 U	<0.00042 U	<0.00042 U	<0.018 U	<0.0004 U	<0.00041 U	<0.00052 U	<0.00032 U	<0.00037 U	<0.00038 U	<0.00039 U	<0.00043 U	<0.016 U	<0.0003 U	<0.00037 U
Cymene	99-87-6	170	1	mg/kg	<0.00025 U	<0.0003 U	<0.00027 U	<0.00034 U	<0.00034 U	<0.015 U	<0.00032 U	<0.00033 U	0.0039	<0.00026 U	<0.0003 U	<0.00031 U	<0.00032 U	<0.00035 U	0.28	<0.00025 U	<0.0003 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00024 U	<0.00029 U	<0.00026 U	<0.00033 U	<0.00033 U	<0.014 U	<0.00031 U	<0.00032 U	<0.00041 U	<0.00025 U	<0.00029 U	<0.00029 U	<0.00031 U	<0.00033 U	<0.013 U	<0.00024 U	<0.00029 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00027 U	<0.00032 U	<0.00029 U	<0.00036 U	<0.00037 U	<0.016 U	<0.00035 U	<0.00036 U	<0.00046 U	<0.00028 U	<0.00032 U	<0.00033 U	<0.00034 U	<0.00037 U	<0.014 U	<0.00027 U	<0.00032 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.0004 U	<0.00048 U	<0.00043 U	<0.00054 U	<0.00055 U	<0.023 U	<0.00052 U	<0.00054 U	<0.00068 U	<0.00042 U	<0.00048 U	<0.00049 U	<0.00051 U	<0.00056 U	<0.021 U	<0.0004 U	<0.00048 U
Ethanol	64-17-5	NS		mg/kg	<0.082 U	<0.097 U	<0.087 U	<0.11 U	<0.11 U	<4.7 U	<0.11 U	<0.11 U	<0.14 U	<0.085 U	<0.097 U	<0.1 U	<0.1 U	<0.11 U	<4.3 U	<0.081 U	<0.097 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00021 U	<0.00025 U	<0.00022 U	<0.00028 U	<0.00029 U	<0.012 U	<0.00027 U	<0.00028 U	<0.00035 U	<0.00022 U	<0.00025 U	<0.00026 U	<0.00027 U	<0.00029 U	<0.011 U	<0.00021 U	<0.00025 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	<0.00018 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.00025 U	0.019 J	<0.00024 U	<0.00024 U	0.0059	<0.00019 U	<0.00022 U	<0.00022 U	<0.00023 U	<0.00025 U	0.14	<0.00018 U	<0.00022 U
Isopropyl Ether	108-20-3	NS		mg/kg	<0.00045 U	<0.00053 U	<0.00047 U	<0.0006 U	<0.00061 U	<0.026 U	<0.00057 U	<0.00059 U	<0.00075 U	<0.00046 U	<0.00053 U	<0.00054 U	<0.00056 U	<0.00061 U	<0.024 U	<0.00044 U	<0.00053 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	0.00029 J	<0.00029 U	<0.00026 U	<0.00033 U	<0.00034 U	0.72	0.002	<0.00033 U	0.0037	<0.00026 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	0.11	<0.00024 U	<0.00029 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.00042 U	<0.0005 U	<0.00045 U	<0.00057 U	<0.00058 U	<0.024 U	<0.00054 U	<0.00056 U	0.003	<0.00044 U	<0.0005 U	<0.00051 U	<0.00053 U	<0.00058 U	0.25	<0.00041 U	<0.0005 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB24	SB24	SB25	SB25	SB25	SB26	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29
				Sample Name	SB24-5.0	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0	SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0
				Sample Date	12/03/2024	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	1	5	15	2	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	0.0043 J	<0.0048 U	<0.0043 U	<0.0054 U	<0.0055 U	<0.23 U	<0.0052 U	<0.0053 U	0.022 J	<0.0042 U	<0.0047 U	<0.0049 U	<0.0051 U	<0.0055 U	<0.21 U	<0.0039 U	<0.0048 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0026 U	<0.0031 U	<0.0028 U	<0.0035 U	<0.0035 U	<0.15 U	<0.0033 U	<0.0034 U	0.022 J	<0.0027 U	<0.0031 U	<0.0031 U	<0.0033 U	<0.0036 U	<0.14 U	<0.0025 U	<0.0031 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0028 U	<0.0033 U	<0.003 U	<0.0037 U	<0.0038 U	<0.16 U	<0.0036 U	<0.0037 U	<0.0047 U	<0.0029 U	<0.0033 U	<0.0034 U	<0.0035 U	<0.0038 U	<0.15 U	<0.0027 U	<0.0033 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.0035 U	<0.0041 U	<0.0037 U	<0.0047 U	<0.0048 U	**2.7**	0.0078 J	<0.0046 U	<0.0059 U	<0.0036 U	<0.0041 U	<0.0042 U	<0.0044 U	<0.0048 U	**0.4 J**	<0.0034 U	<0.0041 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	0.00042 J	<0.00022 U	<0.0002 U	<0.00025 U	<0.00026 U	1	0.0018	<0.00025 U	0.0029	<0.00019 U	<0.00022 U	<0.00023 U	<0.00024 U	<0.00026 U	0.21	<0.00018 U	<0.00022 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	0.00025 J	<0.00027 U	<0.00025 U	<0.00031 U	<0.00032 U	1.2	0.0029	<0.00031 U	0.0028 J	<0.00024 U	<0.00027 U	<0.00028 U	<0.00029 U	<0.00032 U	0.18	<0.00023 U	<0.00027 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	<0.00023 U	<0.00027 U	<0.00024 U	<0.0003 U	<0.00031 U	0.061	<0.00029 U	<0.0003 U	0.0037	<0.00024 U	<0.00027 U	<0.00028 U	<0.00029 U	<0.00031 U	0.28	<0.00022 U	<0.00027 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	0.00061 J	<0.00029 U	<0.00026 U	<0.00033 U	<0.00033 U	0.92	0.0016	<0.00032 U	0.0031	<0.00025 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	0.12	<0.00024 U	<0.00029 U
Styrene	100-42-5	NS		mg/kg	<0.00028 U	<0.00033 U	<0.0003 U	<0.00038 U	<0.00039 U	<0.016 U	<0.00036 U	<0.00037 U	<0.00047 U	<0.00029 U	<0.00033 U	<0.00034 U	<0.00036 U	<0.00039 U	<0.015 U	<0.00028 U	<0.00033 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00023 U	<0.00027 U	<0.00024 U	<0.0003 U	<0.00031 U	<0.013 U	<0.00029 U	<0.0003 U	<0.00038 U	<0.00024 U	<0.00027 U	<0.00028 U	<0.00029 U	<0.00031 U	<0.012 U	<0.00022 U	<0.00027 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0062 U**	**<0.0074 U**	**<0.0066 U**	**<0.0083 U**	**<0.0085 U**	**<0.36 U**	**<0.008 U**	**<0.0083 U**	**<0.01 U**	**<0.0065 U**	**<0.0073 U**	**<0.0076 U**	**<0.0079 U**	**<0.0086 U**	**<0.33 U**	**<0.0061 U**	**0.01 J**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00017 U	<0.0002 U	<0.00018 U	<0.00022 U	<0.00023 U	<0.0097 U	<0.00021 U	<0.00022 U	<0.00028 U	<0.00017 U	<0.0002 U	<0.0002 U	<0.00021 U	<0.00023 U	<0.0088 U	<0.00016 U	<0.0002 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.0002 U	<0.00024 U	<0.00021 U	<0.00027 U	<0.00027 U	<0.012 U	<0.00026 U	<0.00026 U	0.038	<0.00021 U	<0.00023 U	<0.00024 U	<0.00025 U	<0.00027 U	<0.011 U	<0.0002 U	<0.00024 U
Toluene	108-88-3	3.2	4	mg/kg	<0.00024 U	<0.00028 U	<0.00026 U	<0.00032 U	<0.00033 U	<0.014 U	<0.00031 U	0.00032 J	0.0027	<0.00025 U	<0.00028 U	<0.00029 U	<0.0003 U	<0.00033 U	0.058	<0.00024 U	<0.00028 U
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00053 U	<0.00063 U	<0.00057 U	<0.00072 U	<0.00073 U	0.061 J	<0.00069 U	<0.00071 U	0.0067	<0.00055 U	<0.00063 U	<0.00065 U	<0.00068 U	<0.00074 U	0.53	<0.00052 U	<0.00063 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00027 U	<0.00032 U	<0.00029 U	<0.00036 U	<0.00037 U	<0.015 U	<0.00034 U	<0.00036 U	<0.00045 U	<0.00028 U	<0.00032 U	<0.00033 U	<0.00034 U	<0.00037 U	<0.014 U	<0.00026 U	<0.00032 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00025 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00034 U	<0.014 U	<0.00032 U	<0.00033 U	<0.00042 U	<0.00026 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00034 U	<0.013 U	<0.00024 U	<0.0003 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00034 U	<0.00041 U	<0.00037 U	<0.00046 U	<0.00047 U	<0.02 U	<0.00044 U	<0.00046 U	0.0028 J	<0.00036 U	<0.00041 U	<0.00042 U	<0.00044 U	0.00062 J	<0.018 U	<0.00034 U	<0.00041 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00024 U	<0.00029 U	<0.00026 U	<0.00033 U	<0.00033 U	<0.014 U	<0.00031 U	<0.00032 U	<0.00041 U	<0.00025 U	<0.00029 U	<0.0003 U	<0.00031 U	<0.00033 U	<0.013 U	<0.00024 U	<0.00029 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0035 U	<0.0041 U	<0.0037 U	<0.0047 U	<0.0048 U	<0.2 U	<0.0045 U	<0.0046 U	<0.0059 U	<0.0036 U	<0.0041 U	<0.0042 U	<0.0044 U	<0.0048 U	<0.18 U	<0.0034 U	<0.0041 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00034 U	<0.0004 U	<0.00036 U	<0.00045 U	<0.00046 U	**<0.02 U**	<0.00043 U	<0.00045 U	<0.00057 U	<0.00035 U	<0.0004 U	<0.00041 U	<0.00043 U	<0.00046 U	**<0.018 U**	<0.00033 U	<0.0004 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32	SB32	SB33	SB33	SB33	SB34	SB34	SB34	SB35	SB35
				Sample Name	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5	SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0
				Sample Date	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024
				Sample Depth	2	5	15	2	6	15	2	5	15	1.5	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00033 U	<0.0003 U	<0.00057 U	<0.13 U	<0.00032 U	<0.0003 U	<0.0003 U	<0.00037 U	<0.0003 U	<0.00032 U	<0.00029 U	<0.00032 U	<0.0003 U	<0.00039 U	<0.00032 U	<0.015 U	<0.00028 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00026 U	<0.00024 U	<0.00046 U	<0.1 U	<0.00026 U	<0.00024 U	<0.00024 U	<0.00029 U	<0.00024 U	<0.00026 U	<0.00023 U	<0.00025 U	<0.00024 U	<0.00032 U	<0.00026 U	<0.012 U	<0.00023 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00062 U	<0.00056 U	<0.0011 U	<0.24 U	<0.00061 U	<0.00056 U	<0.00057 U	<0.00068 U	<0.00056 U	<0.0006 U	<0.00053 U	<0.00059 U	<0.00056 U	<0.00073 U	<0.0006 U	<0.028 U	<0.00053 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00052 U	<0.00048 U	<0.0009 U	<0.2 U	<0.00052 U	<0.00047 U	<0.00048 U	<0.00058 U	<0.00048 U	<0.00051 U	<0.00045 U	<0.0005 U	<0.00048 U	<0.00062 U	<0.00051 U	<0.024 U	<0.00045 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00053 U	<0.00048 U	<0.00091 U	**<0.2 U**	<0.00052 U	<0.00048 U	<0.00049 U	<0.00058 U	<0.00048 U	0.031	<0.00046 U	<0.00051 U	<0.00048 U	<0.00063 U	<0.00052 U	<0.024 U	<0.00045 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00032 U	<0.00029 U	<0.00055 U	<0.12 U	<0.00031 U	<0.00029 U	<0.00029 U	<0.00035 U	<0.00029 U	<0.00031 U	<0.00027 U	<0.0003 U	<0.00029 U	<0.00038 U	<0.00031 U	<0.014 U	<0.00027 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.0003 U	<0.00027 U	<0.00052 U	<0.12 U	<0.0003 U	<0.00027 U	<0.00028 U	<0.00033 U	<0.00028 U	<0.00029 U	<0.00026 U	<0.00029 U	<0.00028 U	<0.00036 U	<0.00029 U	<0.013 U	<0.00026 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00044 U	<0.0004 U	<0.00076 U	<0.17 U	<0.00043 U	<0.0004 U	<0.00041 U	<0.00049 U	<0.0004 U	<0.00043 U	<0.00038 U	<0.00042 U	<0.0004 U	<0.00052 U	<0.00043 U	<0.02 U	<0.00038 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00043 U	<0.00039 U	<0.00073 U	<0.16 U	<0.00042 U	<0.00039 U	<0.00039 U	<0.00047 U	<0.00039 U	<0.00042 U	<0.00037 U	<0.00041 U	<0.00039 U	<0.00051 U	<0.00042 U	<0.019 U	<0.00037 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00048 U	<0.00043 U	<0.00082 U	<0.18 U	<0.00047 U	<0.00043 U	<0.00044 U	<0.00053 U	<0.00043 U	<0.00046 U	<0.00041 U	<0.00046 U	<0.00044 U	<0.00057 U	<0.00047 U	<0.021 U	<0.00041 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00047 U	<0.00042 U	<0.0008 U	<0.18 U	<0.00046 U	<0.00042 U	<0.00043 U	<0.00052 U	<0.00043 U	<0.00045 U	<0.0004 U	<0.00045 U	<0.00043 U	<0.00055 U	<0.00046 U	<0.021 U	<0.0004 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	<0.00031 U	<0.00029 U	<0.00054 U	10	<0.00031 U	<0.00028 U	<0.00029 U	<0.00035 U	<0.00029 U	0.071	<0.00027 U	<0.0003 U	<0.00029 U	<0.00037 U	<0.00031 U	0.28	<0.00027 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.0038 U	<0.0034 U	<0.0065 U	<1.5 U	<0.0037 U	<0.0034 U	<0.0035 U	<0.0042 U	<0.0035 U	<0.0037 U	<0.0033 U	<0.0036 U	<0.0035 U	<0.0045 U	<0.0037 U	<0.17 U	<0.0032 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00023 U	<0.00021 U	<0.0004 U	<0.09 U	<0.00023 U	<0.00021 U	<0.00022 U	<0.00026 U	<0.00021 U	<0.00023 U	<0.0002 U	<0.00022 U	<0.00021 U	<0.00028 U	<0.00023 U	<0.01 U	<0.0002 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00028 U	<0.00026 U	<0.00049 U	<0.11 U	<0.00028 U	<0.00026 U	<0.00026 U	<0.00031 U	<0.00026 U	<0.00028 U	<0.00025 U	<0.00027 U	<0.00026 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00024 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00054 U	<0.12 U	<0.00031 U	<0.00028 U	<0.00029 U	<0.00035 U	<0.00029 U	<0.00031 U	<0.00027 U	<0.0003 U	<0.00029 U	<0.00037 U	<0.00031 U	<0.014 U	<0.00027 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00054 U	<0.12 U	<0.00031 U	<0.00028 U	<0.00029 U	<0.00035 U	<0.00029 U	<0.0003 U	<0.00027 U	<0.0003 U	<0.00029 U	<0.00037 U	<0.00031 U	<0.014 U	<0.00027 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	<0.0003 U	<0.00027 U	<0.00052 U	2.8	<0.0003 U	<0.00027 U	<0.00028 U	<0.00034 U	<0.00028 U	0.024	<0.00026 U	<0.00029 U	<0.00028 U	<0.00036 U	<0.0003 U	0.25	<0.00026 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00029 U	<0.00026 U	<0.00049 U	<0.11 U	<0.00028 U	<0.00026 U	<0.00026 U	<0.00032 U	<0.00026 U	<0.00028 U	<0.00025 U	<0.00027 U	<0.00026 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00025 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00033 U	<0.0003 U	<0.00058 U	<0.13 U	<0.00033 U	<0.0003 U	<0.00031 U	<0.00037 U	<0.00031 U	<0.00033 U	<0.00029 U	<0.00032 U	<0.00031 U	<0.0004 U	<0.00033 U	<0.015 U	<0.00029 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00035 U	<0.00032 U	<0.0006 U	<0.13 U	<0.00034 U	<0.00031 U	<0.00032 U	<0.00039 U	<0.00032 U	<0.00034 U	<0.0003 U	<0.00033 U	<0.00032 U	<0.00041 U	<0.00034 U	<0.016 U	<0.0003 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00053 U	<0.12 U	<0.0003 U	<0.00028 U	<0.00028 U	<0.00034 U	<0.00028 U	<0.0003 U	<0.00027 U	<0.0003 U	<0.00028 U	<0.00037 U	<0.0003 U	<0.014 U	<0.00026 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00029 U	<0.00026 U	<0.00049 U	<0.11 U	<0.00028 U	<0.00026 U	<0.00026 U	<0.00032 U	<0.00026 U	<0.00028 U	<0.00025 U	<0.00027 U	<0.00026 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00025 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0035 U	<0.0032 U	<0.006 U	<1.3 U	<0.0034 U	<0.0031 U	<0.0032 U	<0.0039 U	<0.0032 U	<0.0034 U	<0.003 U	<0.0033 U	<0.0032 U	<0.0041 U	<0.0034 U	<0.16 U	<0.003 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00027 U	<0.00025 U	<0.00047 U	<0.11 U	<0.00027 U	<0.00025 U	<0.00025 U	<0.0003 U	<0.00025 U	<0.00027 U	<0.00024 U	<0.00026 U	<0.00025 U	<0.00033 U	<0.00027 U	<0.012 U	<0.00023 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.028	0.037	0.065	**<4.3 U**	0.028	0.028	0.053	0.065	0.024	0.098	0.013 J	0.021 J	0.039	0.024 J	<0.011 U	<0.5 U	<0.0096 U
Benzene	71-43-2	**0.025**	4	mg/kg	<0.00029 U	<0.00027 U	<0.0005 U	**0.34 J**	0.00065 J	0.00031 J	<0.00027 U	<0.00032 U	<0.00027 U	**0.029**	<0.00025 U	0.00042 J	<0.00027 U	<0.00035 U	<0.00029 U	**0.044 J**	<0.00025 U
Bromobenzene	108-86-1	NS		mg/kg	<0.00024 U	<0.00021 U	<0.00041 U	<0.091 U	<0.00023 U	<0.00021 U	<0.00022 U	<0.00026 U	<0.00022 U	<0.00023 U	<0.0002 U	<0.00023 U	<0.00022 U	<0.00028 U	<0.00023 U	<0.011 U	<0.0002 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.0005 U	<0.00046 U	<0.00087 U	<0.19 U	<0.0005 U	<0.00046 U	<0.00047 U	<0.00056 U	<0.00046 U	<0.00049 U	<0.00044 U	<0.00048 U	<0.00046 U	<0.0006 U	<0.00049 U	<0.023 U	<0.00043 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00037 U	<0.00033 U	<0.00063 U	**<0.14 U**	<0.00036 U	<0.00033 U	0.00035 J	<0.00041 U	<0.00034 U	<0.00036 U	<0.00032 U	<0.00035 U	<0.00034 U	<0.00044 U	<0.00036 U	**<0.017 U**	<0.00032 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0015 U	<0.0014 U	<0.0026 U	<0.58 U	<0.0015 U	<0.0014 U	<0.0014 U	<0.0017 U	<0.0014 U	<0.0015 U	<0.0013 U	0.0017 J	<0.0014 U	<0.0018 U	<0.0015 U	<0.067 U	<0.0013 U
Bromomethane	74-83-9	NS		mg/kg	<0.0075 U	<0.0068 U	<0.013 U	<2.9 U	<0.0073 U	<0.0067 U	<0.0069 U	<0.0083 U	<0.0068 U	<0.0073 U	<0.0064 U	<0.0072 U	<0.0068 U	<0.0089 U	<0.0073 U	<0.33 U	<0.0064 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00022 U	<0.0002 U	<0.00038 U	<0.085 U	<0.00022 U	<0.0002 U	<0.0002 U	<0.00024 U	<0.0002 U	<0.00021 U	<0.00019 U	<0.00021 U	<0.0002 U	<0.00026 U	<0.00022 U	<0.0099 U	<0.00019 U
Carbon Disulfide	75-15-0	770	1	mg/kg	<0.00045 U	<0.00041 U	<0.00078 U	<0.18 U	<0.00045 U	<0.00041 U	<0.00042 U	<0.0005 U	<0.00041 U	0.00092 J	0.0004 J	<0.00044 U	<0.00042 U	<0.00054 U	<0.00044 U	<0.02 U	<0.00039 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00034 U	<0.00031 U	<0.00058 U	<0.13 U	<0.00033 U	<0.00031 U	<0.00031 U	<0.00038 U	<0.00031 U	<0.00033 U	<0.00029 U	<0.00033 U	<0.00031 U	<0.0004 U	<0.00033 U	<0.015 U	<0.00029 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.0003 U	<0.00028 U	<0.00052 U	<0.12 U	<0.0003 U	<0.00027 U	<0.00028 U	<0.00034 U	<0.00028 U	<0.0003 U	<0.00026 U	<0.00029 U	<0.00028 U	<0.00036 U	<0.0003 U	<0.014 U	<0.00026 U
Chloroethane	75-00-3	NS		mg/kg	<0.00084 U	<0.00077 U	<0.0015 U	<0.33 U	<0.00083 U	<0.00076 U	<0.00078 U	<0.00093 U	<0.00077 U	<0.00082 U	<0.00073 U	<0.00081 U	<0.00077 U	<0.001 U	<0.00082 U	<0.038 U	<0.00072 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00067 U	<0.00061 U	<0.0012 U	**0.29 JB**	<0.00066 U	<0.0006 U	<0.00062 U	<0.00074 U	<0.00061 U	<0.00065 U	<0.00058 U	<0.00064 U	<0.00061 U	<0.0008 U	<0.00065 U	**<0.03 U**	<0.00057 U
Chloromethane	74-87-3	NS		mg/kg	<0.0017 U	<0.0016 U	<0.003 U	<0.67 U	<0.0017 U	<0.0016 U	<0.0016 U	<0.0019 U	<0.0016 U	<0.0017 U	<0.0015 U	<0.0017 U	<0.0016 U	<0.0021 U	<0.0017 U	<0.078 U	<0.0015 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00038 U	<0.00035 U	<0.00066 U	<0.15 U	<0.00038 U	<0.00035 U	<0.00035 U	<0.00042 U	<0.00035 U	0.004	<0.00033 U	<0.00037 U	<0.00035 U	<0.00046 U	<0.00037 U	<0.017 U	<0.00033 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.0004 U	<0.00036 U	<0.00068 U	<0.15 U	<0.00039 U	<0.00036 U	<0.00036 U	<0.00044 U	<0.00036 U	<0.00039 U	<0.00034 U	<0.00038 U	<0.00036 U	<0.00047 U	<0.00039 U	<0.018 U	<0.00034 U
Cymene	99-87-6	170	1	mg/kg	<0.00032 U	<0.00029 U	<0.00055 U	1.5	<0.00031 U	<0.00029 U	<0.00029 U	<0.00035 U	<0.00029 U	0.012	<0.00028 U	<0.00031 U	<0.00029 U	<0.00038 U	<0.00031 U	0.56	<0.00027 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00053 U	<0.12 U	<0.0003 U	<0.00028 U	<0.00029 U	<0.00034 U	<0.00028 U	<0.0003 U	<0.00027 U	<0.0003 U	<0.00028 U	<0.00037 U	<0.0003 U	<0.014 U	<0.00026 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00035 U	<0.00031 U	<0.0006 U	<0.13 U	<0.00034 U	<0.00031 U	<0.00032 U	<0.00038 U	<0.00032 U	<0.00034 U	<0.0003 U	<0.00033 U	<0.00032 U	<0.00041 U	<0.00034 U	<0.016 U	<0.0003 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.00051 U	<0.00047 U	<0.00089 U	<0.2 U	<0.00051 U	<0.00046 U	<0.00047 U	<0.00057 U	<0.00047 U	<0.0005 U	<0.00044 U	<0.00049 U	<0.00047 U	<0.00061 U	<0.0005 U	<0.023 U	<0.00044 U
Ethanol	64-17-5	NS		mg/kg	<0.1 U	<0.095 U	<0.18 U	<40 U	<0.1 U	<0.094 U	<0.096 U	<0.12 U	<0.096 U	<0.1 U	<0.09 U	<0.1 U	<0.096 U	<0.12 U	<0.1 U	<4.7 U	<0.09 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00027 U	<0.00024 U	<0.00046 U	<0.1 U	<0.00026 U	<0.00024 U	<0.00025 U	<0.0003 U	<0.00024 U	<0.00026 U	<0.00023 U	<0.00026 U	<0.00025 U	<0.00032 U	<0.00026 U	<0.012 U	<0.00023 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	<0.00023 U	<0.00021 U	<0.0004 U	**1.5**	0.0025	<0.00021 U	<0.00022 U	<0.00026 U	<0.00021 U	0.046	<0.0002 U	<0.00022 U	<0.00021 U	<0.00028 U	<0.00023 U	**2.1**	<0.0002 U
Isopropyl Ether	108-20-3	NS		mg/kg	<0.00057 U	<0.00051 U	<0.00098 U	<0.22 U	<0.00056 U	<0.00051 U	<0.00052 U	<0.00063 U	<0.00052 U	<0.00055 U	<0.00049 U	<0.00054 U	<0.00052 U	<0.00068 U	<0.00056 U	<0.025 U	<0.00049 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	<0.00031 U	<0.00028 U	<0.00054 U	2.3	0.0042	<0.00028 U	<0.00029 U	<0.00035 U	<0.00029 U	0.016	<0.00027 U	<0.0003 U	<0.00029 U	<0.00037 U	<0.00031 U	2	<0.00027 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.00054 U	<0.00049 U	<0.00093 U	0.37 J	<0.00053 U	<0.00049 U	<0.0005 U	<0.00059 U	<0.00049 U	0.051	<0.00046 U	<0.00052 U	<0.00049 U	<0.00064 U	<0.00053 U	0.1	<0.00046 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32	SB32	SB33	SB33	SB33	SB34	SB34	SB34	SB35	SB35
				Sample Name	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5	SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0
				Sample Date	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024
				Sample Depth	2	5	15	2	6	15	2	5	15	1.5	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	<0.0051 U	<0.0046 U	<0.0088 U	<2 U	<0.005 U	<0.0046 U	<0.0047 U	0.0079 J	<0.0047 U	0.015 J	<0.0044 U	<0.0049 U	<0.0047 U	<0.0061 U	<0.005 U	<0.23 U	<0.0044 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0033 U	<0.003 U	<0.0057 U	**<1.3 U**	<0.0032 U	<0.003 U	<0.003 U	<0.0037 U	<0.003 U	<0.0032 U	<0.0029 U	<0.0032 U	<0.003 U	<0.0039 U	<0.0032 U	<0.15 U	<0.0028 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0035 U	<0.0032 U	<0.0061 U	<1.4 U	<0.0035 U	<0.0032 U	<0.0033 U	<0.0039 U	<0.0032 U	<0.0035 U	<0.0031 U	<0.0034 U	<0.0032 U	<0.0042 U	<0.0035 U	<0.16 U	<0.003 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.0045 U	<0.004 U	<0.0077 U	**7.2**	<0.0044 U	<0.004 U	<0.0041 U	<0.0049 U	<0.0041 U	0.028	<0.0038 U	<0.0043 U	<0.0041 U	<0.0053 U	<0.0044 U	**5.3**	<0.0038 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	<0.00024 U	<0.00022 U	<0.00041 U	1.8	<0.00023 U	<0.00022 U	<0.00022 U	<0.00026 U	<0.00022 U	0.011	<0.00021 U	<0.00023 U	<0.00022 U	<0.00028 U	<0.00023 U	2.5	<0.0002 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	<0.00029 U	<0.00027 U	<0.00051 U	4	0.0051	<0.00027 U	<0.00027 U	<0.00033 U	<0.00027 U	0.021	<0.00025 U	<0.00028 U	<0.00027 U	<0.00035 U	<0.00029 U	3.6	<0.00025 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	<0.00029 U	<0.00026 U	<0.0005 U	0.51	<0.00028 U	<0.00026 U	<0.00027 U	<0.00032 U	<0.00026 U	0.067	<0.00025 U	<0.00028 U	<0.00026 U	<0.00034 U	<0.00028 U	0.27	<0.00025 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	<0.00031 U	<0.00028 U	<0.00054 U	1.2	0.0059	<0.00028 U	<0.00029 U	<0.00034 U	<0.00028 U	0.0064	<0.00027 U	<0.0003 U	<0.00028 U	<0.00037 U	<0.0003 U	2.3	<0.00027 U
Styrene	100-42-5	NS		mg/kg	<0.00036 U	<0.00033 U	<0.00062 U	<0.14 U	<0.00035 U	<0.00032 U	<0.00033 U	<0.0004 U	<0.00033 U	<0.00035 U	<0.00031 U	<0.00034 U	<0.00033 U	<0.00043 U	<0.00035 U	<0.016 U	<0.00031 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00029 U	<0.00026 U	<0.0005 U	<0.11 U	<0.00028 U	<0.00026 U	<0.00027 U	<0.00032 U	<0.00026 U	<0.00028 U	<0.00025 U	<0.00028 U	<0.00026 U	<0.00034 U	<0.00028 U	<0.013 U	<0.00025 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0079 U**	**<0.0072 U**	**<0.014 U**	**<3.1 U**	**<0.0078 U**	**0.01 J**	**<0.0073 U**	**<0.0088 U**	**<0.0072 U**	**<0.0077 U**	**<0.0069 U**	**<0.0076 U**	**<0.0073 U**	**<0.0094 U**	**<0.0078 U**	**<0.36 U**	**<0.0068 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00021 U	<0.00019 U	<0.00037 U	<0.082 U	<0.00021 U	<0.00019 U	<0.0002 U	<0.00024 U	<0.00019 U	<0.00021 U	<0.00018 U	<0.0002 U	<0.00019 U	<0.00025 U	<0.00021 U	<0.0095 U	<0.00018 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.00025 U	<0.00023 U	<0.00044 U	**<0.098 U**	<0.00025 U	<0.00023 U	<0.00023 U	<0.00028 U	<0.00023 U	<0.00025 U	<0.00022 U	<0.00024 U	<0.00023 U	<0.0003 U	<0.00025 U	<0.011 U	<0.00022 U
Toluene	108-88-3	3.2	4	mg/kg	<0.00031 U	<0.00028 U	<0.00053 U	<0.12 U	<0.0003 U	<0.00028 U	<0.00028 U	<0.00034 U	<0.00028 U	0.023	<0.00026 U	<0.00029 U	<0.00028 U	<0.00036 U	<0.0003 U	0.036 J	<0.00026 U
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00068 U	<0.00062 U	<0.0012 U	0.88	<0.00067 U	<0.00061 U	<0.00063 U	<0.00075 U	<0.00062 U	0.12	<0.00059 U	<0.00065 U	<0.00062 U	<0.00081 U	<0.00067 U	0.37	<0.00058 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00034 U	<0.00031 U	<0.00059 U	<0.13 U	<0.00034 U	<0.00031 U	<0.00031 U	<0.00038 U	<0.00031 U	<0.00033 U	<0.00029 U	<0.00033 U	<0.00031 U	<0.00041 U	<0.00033 U	<0.015 U	<0.00029 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00032 U	<0.00029 U	<0.00055 U	<0.12 U	<0.00031 U	<0.00029 U	<0.00029 U	<0.00035 U	<0.00029 U	<0.00031 U	<0.00027 U	<0.0003 U	<0.00029 U	<0.00038 U	<0.00031 U	<0.014 U	<0.00027 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00044 U	<0.0004 U	<0.00075 U	**<0.17 U**	<0.00043 U	0.0021	<0.0004 U	<0.00049 U	<0.0004 U	0.0052	0.0089	<0.00042 U	<0.0004 U	<0.00052 U	<0.00043 U	<0.02 U	0.0032
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00053 U	<0.12 U	<0.0003 U	<0.00028 U	<0.00029 U	<0.00034 U	<0.00028 U	<0.0003 U	<0.00027 U	<0.0003 U	<0.00028 U	<0.00037 U	<0.0003 U	<0.014 U	<0.00027 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0044 U	<0.004 U	<0.0076 U	<1.7 U	<0.0044 U	<0.004 U	<0.0041 U	<0.0049 U	<0.0041 U	<0.0043 U	<0.0038 U	<0.0043 U	<0.0041 U	<0.0053 U	<0.0043 U	<0.2 U	<0.0038 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00043 U	<0.00039 U	<0.00074 U	**<0.17 U**	<0.00042 U	<0.00039 U	<0.0004 U	<0.00048 U	<0.00039 U	0.00046 J	<0.00037 U	<0.00041 U	<0.00039 U	<0.00051 U	<0.00042 U	**<0.019 U**	<0.00037 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38	SB38	SB39	SB39	SB39	SB40	SB40	SB40	SB41
				Sample Name	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0	SB40-5.0	SB40-15.0	SB41-2.0
				Sample Date	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00037 U	<0.00029 U	<0.00034 U	<0.00041 U	<0.00028 U	<0.00031 U	<0.00029 U	<0.00035 U	<0.00028 U	<0.00033 U	<0.014 U	<0.00025 U	<0.0003 U	<0.00029 U	<0.00029 U	<0.00035 U	<0.00032 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00029 U	<0.00023 U	<0.00028 U	<0.00033 U	<0.00023 U	<0.00025 U	<0.00023 U	<0.00028 U	<0.00023 U	<0.00026 U	<0.011 U	<0.0002 U	<0.00024 U	<0.00023 U	<0.00023 U	<0.00028 U	<0.00025 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00069 U	<0.00054 U	<0.00064 U	<0.00077 U	<0.00053 U	<0.00057 U	<0.00053 U	<0.00065 U	<0.00052 U	<0.00061 U	<0.026 U	<0.00048 U	<0.00057 U	<0.00054 U	<0.00054 U	<0.00066 U	<0.00059 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00058 U	<0.00046 U	<0.00055 U	<0.00065 U	<0.00045 U	<0.00049 U	<0.00045 U	<0.00055 U	<0.00045 U	<0.00052 U	<0.022 U	<0.0004 U	<0.00048 U	<0.00046 U	<0.00046 U	<0.00056 U	<0.0005 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00059 U	<0.00046 U	<0.00055 U	<0.00066 U	<0.00045 U	<0.00049 U	<0.00046 U	<0.00055 U	<0.00045 U	<0.00052 U	<0.022 U	<0.00041 U	<0.00049 U	<0.00046 U	<0.00046 U	<0.00056 U	<0.0005 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00035 U	<0.00028 U	<0.00033 U	<0.0004 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	<0.013 U	<0.00025 U	<0.00029 U	<0.00028 U	<0.00028 U	<0.00034 U	<0.0003 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00033 U	<0.00026 U	<0.00031 U	<0.00038 U	<0.00026 U	<0.00028 U	<0.00026 U	<0.00032 U	<0.00026 U	<0.0003 U	<0.013 U	<0.00023 U	<0.00028 U	<0.00026 U	<0.00026 U	<0.00032 U	<0.00029 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00049 U	<0.00039 U	<0.00046 U	<0.00055 U	<0.00037 U	<0.00041 U	<0.00038 U	<0.00046 U	<0.00037 U	<0.00044 U	<0.019 U	<0.00034 U	<0.00041 U	<0.00039 U	<0.00038 U	<0.00047 U	<0.00042 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00047 U	<0.00037 U	<0.00044 U	<0.00053 U	<0.00036 U	<0.0004 U	<0.00037 U	<0.00045 U	<0.00036 U	<0.00042 U	<0.018 U	<0.00033 U	<0.00039 U	<0.00037 U	<0.00037 U	<0.00045 U	<0.00041 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00053 U	<0.00042 U	<0.0005 U	<0.00059 U	<0.00041 U	<0.00044 U	<0.00041 U	<0.0005 U	<0.0004 U	<0.00047 U	<0.02 U	<0.00037 U	<0.00044 U	<0.00042 U	<0.00041 U	<0.00051 U	<0.00045 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00052 U	<0.00041 U	<0.00048 U	<0.00058 U	<0.0004 U	<0.00043 U	<0.0004 U	<0.00049 U	<0.0004 U	<0.00046 U	<0.02 U	<0.00036 U	<0.00043 U	<0.00041 U	<0.00041 U	<0.0005 U	<0.00045 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	<0.00035 U	<0.00028 U	<0.00033 U	<0.00039 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	0.062 J	<0.00024 U	<0.00029 U	<0.00028 U	<0.00027 U	<0.00033 U	<0.0003 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.0042 U	<0.0033 U	<0.0039 U	<0.0047 U	<0.0032 U	<0.0035 U	<0.0033 U	<0.004 U	<0.0032 U	<0.0037 U	<0.16 U	<0.0029 U	<0.0035 U	<0.0033 U	<0.0033 U	<0.004 U	<0.0036 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00026 U	<0.0002 U	<0.00024 U	<0.00029 U	<0.0002 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.0002 U	<0.00023 U	<0.0098 U	<0.00018 U	<0.00022 U	<0.0002 U	<0.0002 U	<0.00025 U	<0.00022 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00032 U	<0.00025 U	<0.0003 U	<0.00035 U	<0.00024 U	<0.00026 U	<0.00025 U	<0.0003 U	<0.00024 U	<0.00028 U	<0.012 U	<0.00022 U	<0.00026 U	<0.00025 U	<0.00025 U	<0.0003 U	<0.00027 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00035 U	<0.00027 U	<0.00033 U	<0.00039 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	<0.013 U	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00035 U	<0.00027 U	<0.00033 U	<0.00039 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	<0.013 U	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	<0.00038 U	<0.00026 U	<0.00028 U	<0.00026 U	<0.00032 U	<0.00026 U	<0.0003 U	<0.013 U	<0.00023 U	<0.00028 U	<0.00027 U	<0.00026 U	<0.00032 U	<0.00029 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00032 U	<0.00025 U	<0.0003 U	<0.00036 U	<0.00024 U	<0.00027 U	<0.00025 U	<0.0003 U	<0.00024 U	<0.00028 U	<0.012 U	<0.00022 U	<0.00026 U	<0.00025 U	<0.00025 U	<0.0003 U	<0.00027 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00037 U	<0.00029 U	<0.00035 U	<0.00042 U	<0.00029 U	<0.00031 U	<0.00029 U	<0.00035 U	<0.00028 U	<0.00033 U	<0.014 U	<0.00026 U	<0.00031 U	<0.00029 U	<0.00029 U	<0.00036 U	<0.00032 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00039 U	<0.0003 U	<0.00036 U	<0.00043 U	<0.0003 U	<0.00032 U	<0.0003 U	<0.00037 U	<0.0003 U	<0.00034 U	<0.015 U	<0.00027 U	<0.00032 U	<0.0003 U	<0.0003 U	<0.00037 U	<0.00033 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	<0.00038 U	<0.00026 U	<0.00029 U	<0.00027 U	<0.00032 U	<0.00026 U	<0.0003 U	<0.013 U	<0.00024 U	<0.00028 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.00029 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00032 U	<0.00025 U	<0.0003 U	<0.00036 U	<0.00024 U	<0.00026 U	<0.00025 U	<0.0003 U	<0.00024 U	<0.00028 U	<0.012 U	<0.00022 U	<0.00026 U	<0.00025 U	<0.00025 U	<0.0003 U	<0.00027 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0039 U	<0.0031 U	<0.0036 U	<0.0043 U	<0.003 U	<0.0032 U	<0.003 U	<0.0037 U	<0.003 U	<0.0035 U	<0.15 U	<0.0027 U	<0.0032 U	<0.0031 U	<0.003 U	<0.0037 U	<0.0033 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00031 U	<0.00024 U	<0.00029 U	<0.00034 U	<0.00023 U	<0.00025 U	<0.00024 U	<0.00029 U	<0.00023 U	<0.00027 U	<0.012 U	<0.00021 U	<0.00025 U	<0.00024 U	<0.00024 U	<0.00029 U	<0.00026 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.023 J	0.037	0.042	0.023 J	<0.0095 U	<0.01 U	<0.0096 U	0.074	0.013 J	0.013 J	<0.47 U	0.033	0.03	0.095	0.059	0.014 J	0.06
Benzene	71-43-2	**0.025**	4	mg/kg	<0.00033 U	<0.00026 U	<0.0003 U	0.0015	<0.00025 U	<0.00027 U	0.00076 J	<0.00031 U	<0.00025 U	0.00057 J	<0.012 U	<0.00023 U	<0.00027 U	<0.00026 U	<0.00025 U	<0.00031 U	<0.00028 U
Bromobenzene	108-86-1	NS		mg/kg	<0.00026 U	<0.00021 U	<0.00025 U	<0.00029 U	<0.0002 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.0002 U	<0.00023 U	<0.0099 U	<0.00018 U	<0.00022 U	<0.00021 U	<0.00021 U	<0.00025 U	<0.00023 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.00056 U	<0.00044 U	<0.00053 U	<0.00063 U	<0.00043 U	<0.00047 U	<0.00044 U	<0.00053 U	<0.00043 U	<0.0005 U	<0.021 U	<0.00039 U	<0.00047 U	<0.00044 U	<0.00044 U	<0.00054 U	<0.00048 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00041 U	<0.00032 U	<0.00038 U	<0.00046 U	<0.00031 U	<0.00034 U	<0.00032 U	<0.00039 U	<0.00031 U	<0.00037 U	<0.016 U	<0.00028 U	<0.00034 U	<0.00032 U	<0.00032 U	<0.00039 U	<0.00035 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0017 U	<0.0013 U	<0.0016 U	<0.0019 U	<0.0013 U	<0.0014 U	<0.0013 U	<0.0016 U	<0.0013 U	<0.0015 U	<0.063 U	<0.0012 U	<0.0014 U	<0.0013 U	<0.0013 U	<0.0016 U	<0.0014 U
Bromomethane	74-83-9	NS		mg/kg	<0.0083 U	<0.0065 U	<0.0078 U	<0.0093 U	<0.0064 U	<0.0069 U	<0.0065 U	<0.0078 U	<0.0063 U	<0.0074 U	<0.31 U	<0.0058 U	<0.0069 U	<0.0065 U	<0.0065 U	<0.0079 U	<0.0071 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00024 U	<0.00019 U	<0.00023 U	<0.00027 U	<0.00019 U	<0.0002 U	<0.00019 U	<0.00023 U	<0.00019 U	<0.00022 U	<0.0093 U	<0.00017 U	<0.0002 U	<0.00019 U	<0.00019 U	<0.00023 U	<0.00021 U
Carbon Disulfide	75-15-0	770	1	mg/kg	<0.0005 U	<0.0004 U	<0.00047 U	<0.00057 U	<0.00039 U	<0.00042 U	<0.00039 U	<0.00048 U	<0.00039 U	<0.00045 U	<0.019 U	<0.00035 U	<0.00042 U	<0.0004 U	<0.0004 U	<0.00048 U	<0.00043 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00038 U	<0.0003 U	<0.00035 U	<0.00042 U	<0.00029 U	<0.00031 U	<0.00029 U	<0.00036 U	<0.00029 U	<0.00034 U	<0.014 U	<0.00026 U	<0.00031 U	<0.0003 U	<0.0003 U	<0.00036 U	<0.00032 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	<0.00038 U	<0.00026 U	<0.00028 U	<0.00026 U	<0.00032 U	<0.00026 U	<0.0003 U	<0.013 U	<0.00023 U	<0.00028 U	<0.00027 U	<0.00026 U	<0.00032 U	<0.00029 U
Chloroethane	75-00-3	NS		mg/kg	<0.00094 U	<0.00074 U	<0.00088 U	<0.0011 U	<0.00072 U	<0.00078 U	<0.00073 U	<0.00088 U	<0.00072 U	<0.00084 U	<0.035 U	<0.00065 U	<0.00078 U	<0.00074 U	<0.00074 U	<0.0009 U	<0.00081 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00074 U	<0.00059 U	<0.0007 U	<0.00083 U	<0.00057 U	<0.00062 U	<0.00058 U	<0.0007 U	<0.00057 U	<0.00066 U	**<0.028 U**	<0.00052 U	<0.00062 U	<0.00059 U	<0.00058 U	<0.00071 U	<0.00064 U
Chloromethane	74-87-3	NS		mg/kg	<0.0019 U	<0.0015 U	<0.0018 U	<0.0022 U	<0.0015 U	<0.0016 U	<0.0015 U	<0.0018 U	<0.0015 U	<0.0017 U	<0.073 U	<0.0013 U	<0.0016 U	<0.0015 U	<0.0015 U	<0.0019 U	<0.0017 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00043 U	<0.00034 U	<0.0004 U	<0.00048 U	<0.00033 U	<0.00035 U	<0.00033 U	<0.0004 U	<0.00033 U	<0.00038 U	<0.016 U	<0.0003 U	<0.00035 U	<0.00034 U	<0.00033 U	<0.00041 U	<0.00037 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00044 U	<0.00035 U	<0.00041 U	<0.00049 U	<0.00034 U	<0.00037 U	<0.00034 U	<0.00042 U	<0.00034 U	<0.00039 U	<0.017 U	<0.00031 U	<0.00036 U	<0.00035 U	<0.00035 U	<0.00042 U	<0.00038 U
Cymene	99-87-6	170	1	mg/kg	<0.00036 U	<0.00028 U	<0.00033 U	<0.0004 U	<0.00027 U	<0.0003 U	<0.00028 U	<0.00034 U	<0.00027 U	<0.00032 U	0.12	<0.00025 U	<0.0003 U	<0.00028 U	<0.00028 U	<0.00034 U	<0.00031 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	<0.00039 U	<0.00026 U	<0.00029 U	<0.00027 U	<0.00032 U	<0.00026 U	<0.00031 U	<0.013 U	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00039 U	<0.0003 U	<0.00036 U	<0.00043 U	<0.00029 U	<0.00032 U	<0.0003 U	<0.00036 U	<0.00029 U	<0.00034 U	<0.015 U	<0.00027 U	<0.00032 U	<0.0003 U	<0.0003 U	<0.00037 U	<0.00033 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.00057 U	<0.00045 U	<0.00054 U	<0.00064 U	<0.00044 U	<0.00048 U	<0.00045 U	<0.00054 U	<0.00044 U	<0.00051 U	<0.022 U	<0.0004 U	<0.00047 U	<0.00045 U	<0.00045 U	<0.00055 U	<0.00049 U
Ethanol	64-17-5	NS		mg/kg	<0.12 U	<0.092 U	<0.11 U	<0.13 U	<0.089 U	<0.097 U	<0.09 U	<0.11 U	<0.089 U	<0.1 U	<4.4 U	<0.081 U	<0.096 U	<0.092 U	<0.091 U	<0.11 U	<0.1 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.0003 U	<0.00023 U	<0.00028 U	<0.00033 U	<0.00023 U	<0.00025 U	<0.00023 U	<0.00028 U	<0.00023 U	<0.00027 U	<0.011 U	<0.00021 U	<0.00025 U	<0.00023 U	<0.00023 U	<0.00028 U	<0.00026 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	<0.00026 U	<0.00021 U	<0.00024 U	<0.00029 U	<0.0002 U	<0.00022 U	<0.0002 U	<0.00025 U	<0.0002 U	<0.00023 U	**0.63**	<0.00018 U	<0.00022 U	<0.00021 U	<0.0002 U	<0.00025 U	<0.00022 U
Isopropyl Ether	108-20-3	NS		mg/kg	<0.00063 U	<0.0005 U	<0.00059 U	<0.00071 U	<0.00048 U	<0.00053 U	<0.00049 U	<0.0006 U	<0.00048 U	<0.00056 U	<0.024 U	<0.00044 U	<0.00052 U	<0.0005 U	<0.00049 U	<0.0006 U	<0.00054 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	<0.00035 U	<0.00027 U	<0.00033 U	<0.00039 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	0.52	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.0006 U	<0.00047 U	<0.00056 U	<0.00067 U	<0.00046 U	<0.0005 U	<0.00046 U	<0.00056 U	<0.00046 U	<0.00053 U	<0.023 U	<0.00041 U	<0.0005 U	<0.00047 U	<0.00047 U	<0.00057 U	<0.00051 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38	SB38	SB39	SB39	SB39	SB40	SB40	SB40	SB41
				Sample Name	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0	SB40-5.0	SB40-15.0	SB41-2.0
				Sample Date	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	<0.0057 U	<0.0045 U	<0.0053 U	<0.0064 U	<0.0044 U	<0.0047 U	<0.0044 U	0.0065 J	<0.0043 U	<0.0051 U	<0.22 U	<0.0039 U	<0.0047 U	0.0088 J	0.0069 J	<0.0054 U	0.0058 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0037 U	<0.0029 U	<0.0034 U	<0.0041 U	<0.0028 U	<0.0031 U	<0.0029 U	<0.0035 U	<0.0028 U	<0.0033 U	<0.14 U	<0.0025 U	<0.003 U	<0.0029 U	<0.0029 U	<0.0035 U	<0.0032 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0039 U	<0.0031 U	<0.0037 U	<0.0044 U	<0.003 U	<0.0033 U	<0.0031 U	<0.0037 U	<0.003 U	<0.0035 U	<0.15 U	<0.0027 U	<0.0033 U	<0.0031 U	<0.0031 U	<0.0038 U	<0.0034 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.005 U	<0.0039 U	<0.0046 U	<0.0056 U	<0.0038 U	<0.0041 U	<0.0039 U	<0.0047 U	<0.0038 U	<0.0044 U	**2**	<0.0034 U	<0.0041 U	<0.0039 U	<0.0039 U	<0.0047 U	<0.0043 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	<0.00027 U	<0.00021 U	<0.00025 U	<0.0003 U	<0.0002 U	<0.00022 U	<0.00021 U	<0.00025 U	<0.0002 U	<0.00024 U	0.72	<0.00018 U	<0.00022 U	<0.00021 U	<0.00021 U	<0.00025 U	<0.00023 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	<0.00033 U	<0.00026 U	<0.00031 U	<0.00037 U	<0.00025 U	<0.00027 U	<0.00026 U	<0.00031 U	<0.00025 U	<0.00029 U	0.8	<0.00023 U	<0.00027 U	<0.00026 U	<0.00026 U	<0.00031 U	<0.00028 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	<0.00032 U	<0.00025 U	<0.0003 U	<0.00036 U	<0.00025 U	<0.00027 U	<0.00025 U	<0.0003 U	<0.00025 U	<0.00029 U	0.024 J	<0.00022 U	<0.00027 U	<0.00025 U	<0.00025 U	<0.00031 U	<0.00028 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	<0.00035 U	<0.00027 U	<0.00032 U	<0.00039 U	<0.00026 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00026 U	<0.00031 U	0.74	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
Styrene	100-42-5	NS		mg/kg	<0.0004 U	<0.00032 U	<0.00037 U	<0.00045 U	<0.00031 U	<0.00033 U	<0.00031 U	<0.00038 U	<0.00031 U	<0.00036 U	<0.015 U	<0.00028 U	<0.00033 U	<0.00031 U	<0.00031 U	<0.00038 U	<0.00034 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00032 U	<0.00025 U	<0.0003 U	<0.00036 U	<0.00025 U	<0.00027 U	<0.00025 U	<0.0003 U	<0.00025 U	<0.00029 U	<0.012 U	<0.00022 U	<0.00027 U	<0.00025 U	<0.00025 U	<0.00031 U	<0.00028 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0088 U**	**<0.0069 U**	**0.0094 J**	**<0.0099 U**	**0.0099 J**	**<0.0073 U**	**<0.0069 U**	**<0.0083 U**	**<0.0067 U**	**<0.0079 U**	**<0.33 U**	**<0.0061 U**	**<0.0073 U**	**0.0087 J**	**<0.0069 U**	**<0.0084 U**	**<0.0076 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00024 U	<0.00019 U	<0.00022 U	<0.00027 U	<0.00018 U	<0.0002 U	<0.00018 U	<0.00022 U	<0.00018 U	<0.00021 U	<0.009 U	<0.00016 U	<0.0002 U	<0.00019 U	<0.00019 U	<0.00023 U	<0.0002 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.00028 U	<0.00022 U	<0.00026 U	<0.00032 U	<0.00022 U	<0.00023 U	<0.00022 U	<0.00027 U	<0.00022 U	<0.00025 U	<0.011 U	<0.0002 U	<0.00023 U	0.00062 J	<0.00022 U	<0.00027 U	<0.00024 U
Toluene	108-88-3	3.2	4	mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	0.00074 J	<0.00026 U	<0.00028 U	0.00033 J	<0.00032 U	<0.00026 U	0.00031 J	<0.013 U	<0.00024 U	<0.00028 U	<0.00027 U	<0.00027 U	<0.00032 U	<0.00029 U
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00076 U	<0.0006 U	<0.00071 U	<0.00085 U	<0.00058 U	<0.00063 U	<0.00059 U	<0.00071 U	<0.00058 U	<0.00067 U	<0.029 U	<0.00053 U	<0.00063 U	<0.0006 U	<0.00059 U	<0.00072 U	<0.00065 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00038 U	<0.0003 U	<0.00036 U	<0.00043 U	<0.00029 U	<0.00032 U	<0.00029 U	<0.00036 U	<0.00029 U	<0.00034 U	<0.014 U	<0.00026 U	<0.00031 U	<0.0003 U	<0.0003 U	<0.00036 U	<0.00033 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00035 U	<0.00028 U	<0.00033 U	<0.0004 U	<0.00027 U	<0.00029 U	<0.00027 U	<0.00033 U	<0.00027 U	<0.00031 U	<0.013 U	<0.00024 U	<0.00029 U	<0.00028 U	<0.00028 U	<0.00034 U	<0.0003 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00049 U	<0.00038 U	<0.00046 U	<0.00055 U	<0.00037 U	<0.00041 U	<0.00038 U	<0.00046 U	<0.00037 U	0.0028	<0.018 U	0.0032	<0.0004 U	<0.00038 U	<0.00038 U	<0.00047 U	<0.00042 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00034 U	<0.00027 U	<0.00032 U	<0.00039 U	<0.00026 U	<0.00029 U	<0.00027 U	<0.00032 U	<0.00026 U	<0.00031 U	<0.013 U	<0.00024 U	<0.00029 U	<0.00027 U	<0.00027 U	<0.00033 U	<0.0003 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0049 U	<0.0039 U	<0.0046 U	<0.0055 U	<0.0038 U	<0.0041 U	<0.0038 U	<0.0047 U	<0.0038 U	<0.0044 U	<0.19 U	<0.0034 U	<0.0041 U	<0.0039 U	<0.0039 U	<0.0047 U	<0.0042 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00048 U	<0.00038 U	<0.00045 U	<0.00054 U	<0.00037 U	<0.0004 U	<0.00037 U	<0.00045 U	<0.00036 U	<0.00043 U	**<0.018 U**	<0.00033 U	<0.0004 U	<0.00038 U	<0.00037 U	<0.00046 U	<0.00041 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45	SB45	SB46	SB46	SB46
				Sample Name	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0
				Sample Date	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	2	5	15	1	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00035 U	<0.00036 U	<0.00034 U	<0.00037 U	<0.00027 U	<0.00038 U	<0.00029 U	<0.00033 U	<0.014 U	<0.01 U	<0.00051 U	<0.00029 U	<0.00026 U	<0.0003 U	<0.00031 U	<0.0003 U	<0.00032 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00028 U	<0.00029 U	<0.00028 U	<0.0003 U	<0.00021 U	<0.00031 U	<0.00024 U	<0.00026 U	<0.011 U	<0.008 U	<0.00041 U	<0.00024 U	<0.00021 U	<0.00024 U	<0.00025 U	<0.00024 U	<0.00026 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00066 U	<0.00067 U	<0.00064 U	<0.00069 U	<0.0005 U	<0.00071 U	<0.00055 U	<0.00061 U	<0.027 U	<0.019 U	<0.00096 U	<0.00055 U	<0.00049 U	<0.00056 U	<0.00059 U	<0.00057 U	<0.00061 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.00056 U	<0.00057 U	<0.00054 U	<0.00058 U	<0.00043 U	<0.00061 U	<0.00047 U	<0.00052 U	<0.023 U	<0.016 U	<0.00081 U	<0.00047 U	<0.00042 U	<0.00048 U	<0.0005 U	<0.00048 U	<0.00052 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00056 U	<0.00057 U	<0.00055 U	<0.00059 U	<0.00043 U	<0.00061 U	<0.00047 U	<0.00052 U	<0.023 U	<0.016 U	<0.00082 U	<0.00047 U	<0.00042 U	<0.00048 U	<0.0005 U	<0.00049 U	<0.00052 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00034 U	<0.00035 U	<0.00033 U	<0.00035 U	<0.00026 U	<0.00037 U	<0.00028 U	<0.00032 U	<0.014 U	<0.0096 U	<0.00049 U	<0.00028 U	<0.00025 U	<0.00029 U	<0.0003 U	<0.00029 U	<0.00031 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00032 U	<0.00033 U	<0.00031 U	<0.00034 U	<0.00024 U	<0.00035 U	<0.00027 U	<0.0003 U	<0.013 U	<0.0091 U	<0.00047 U	<0.00027 U	<0.00024 U	<0.00027 U	<0.00029 U	<0.00028 U	<0.0003 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00047 U	<0.00048 U	<0.00046 U	<0.00049 U	<0.00036 U	<0.00051 U	<0.00039 U	<0.00044 U	<0.019 U	<0.013 U	<0.00068 U	<0.00039 U	<0.00035 U	<0.0004 U	<0.00042 U	<0.00041 U	<0.00043 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00045 U	<0.00047 U	<0.00044 U	<0.00048 U	<0.00035 U	<0.00049 U	<0.00038 U	<0.00042 U	<0.019 U	<0.013 U	<0.00066 U	<0.00038 U	<0.00034 U	<0.00039 U	<0.00041 U	<0.00039 U	<0.00042 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00051 U	<0.00052 U	<0.00049 U	<0.00053 U	<0.00039 U	<0.00055 U	<0.00042 U	<0.00047 U	<0.021 U	<0.014 U	<0.00074 U	<0.00042 U	<0.00038 U	<0.00043 U	<0.00045 U	<0.00044 U	<0.00047 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.0005 U	<0.00051 U	<0.00048 U	<0.00052 U	<0.00038 U	<0.00054 U	<0.00041 U	<0.00046 U	<0.02 U	<0.014 U	<0.00072 U	<0.00041 U	<0.00037 U	<0.00042 U	<0.00044 U	<0.00043 U	<0.00046 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	<0.00034 U	<0.00034 U	<0.00033 U	<0.00035 U	<0.00026 U	<0.00036 U	<0.00028 U	<0.00031 U	0.13	<0.0096 U	<0.00049 U	<0.00028 U	<0.00025 U	<0.00029 U	<0.0003 U	<0.00029 U	<0.00031 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.004 U	<0.0041 U	<0.0039 U	<0.0042 U	<0.0031 U	<0.0044 U	<0.0034 U	<0.0038 U	<0.16 U	<0.11 U	<0.0059 U	<0.0034 U	<0.003 U	<0.0034 U	<0.0036 U	<0.0035 U	<0.0037 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00025 U	<0.00025 U	<0.00024 U	<0.00026 U	<0.00019 U	<0.00027 U	<0.00021 U	<0.00023 U	<0.01 U	<0.0071 U	<0.00036 U	<0.00021 U	<0.00019 U	<0.00021 U	<0.00022 U	<0.00022 U	<0.00023 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.0003 U	<0.00031 U	<0.0003 U	<0.00032 U	<0.00023 U	<0.00033 U	<0.00025 U	<0.00028 U	<0.012 U	<0.0086 U	<0.00044 U	<0.00025 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00026 U	<0.00028 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.00033 U	<0.00034 U	<0.00033 U	<0.00035 U	<0.00025 U	<0.00036 U	<0.00028 U	<0.00031 U	<0.014 U	<0.0095 U	<0.00049 U	<0.00028 U	<0.00025 U	<0.00028 U	<0.0003 U	<0.00029 U	<0.00031 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.00033 U	<0.00034 U	<0.00032 U	<0.00035 U	<0.00025 U	<0.00036 U	<0.00028 U	<0.00031 U	<0.014 U	<0.0095 U	<0.00048 U	<0.00028 U	<0.00025 U	<0.00028 U	<0.0003 U	<0.00029 U	<0.00031 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	<0.00032 U	<0.00033 U	<0.00031 U	<0.00034 U	<0.00025 U	<0.00035 U	<0.00027 U	<0.0003 U	<0.013 U	<0.0092 U	<0.00047 U	<0.00027 U	<0.00024 U	<0.00028 U	<0.00029 U	<0.00028 U	<0.0003 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00031 U	<0.00031 U	<0.0003 U	<0.00032 U	<0.00023 U	<0.00033 U	<0.00025 U	<0.00028 U	<0.012 U	<0.0087 U	<0.00044 U	<0.00025 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00026 U	<0.00028 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00036 U	<0.00037 U	<0.00035 U	<0.00037 U	<0.00027 U	<0.00039 U	<0.0003 U	<0.00033 U	<0.015 U	<0.01 U	<0.00052 U	<0.0003 U	<0.00027 U	<0.0003 U	<0.00032 U	<0.00031 U	<0.00033 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00037 U	<0.00038 U	<0.00036 U	<0.00039 U	<0.00028 U	<0.0004 U	<0.00031 U	<0.00035 U	<0.015 U	<0.011 U	<0.00054 U	<0.00031 U	<0.00028 U	<0.00032 U	<0.00033 U	<0.00032 U	<0.00034 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.00033 U	<0.00034 U	<0.00032 U	<0.00034 U	<0.00025 U	<0.00036 U	<0.00027 U	<0.00031 U	<0.013 U	<0.0093 U	<0.00048 U	<0.00027 U	<0.00025 U	<0.00028 U	<0.00029 U	<0.00028 U	<0.0003 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.0003 U	<0.00031 U	<0.0003 U	<0.00032 U	<0.00023 U	<0.00033 U	<0.00025 U	<0.00028 U	<0.012 U	<0.0087 U	<0.00044 U	<0.00025 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00026 U	<0.00028 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0037 U	<0.0038 U	<0.0036 U	<0.0039 U	<0.0028 U	<0.004 U	<0.0031 U	<0.0035 U	<0.15 U	<0.11 U	<0.0054 U	<0.0031 U	<0.0028 U	<0.0032 U	<0.0033 U	<0.0032 U	<0.0034 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00029 U	<0.0003 U	<0.00028 U	<0.00031 U	<0.00022 U	<0.00032 U	<0.00024 U	<0.00027 U	<0.012 U	<0.0083 U	<0.00042 U	<0.00024 U	<0.00022 U	<0.00025 U	<0.00026 U	<0.00025 U	<0.00027 U
Acetone	67-64-1	**0.91**	4	mg/kg	0.094	0.012 J	0.084	0.074	0.013 J	0.074	0.024	0.018 J	<0.48 U	<0.34 U	<0.017 U	0.073	0.048	0.018 J	0.051	<0.01 U	0.017 J
Benzene	71-43-2	**0.025**	4	mg/kg	<0.00031 U	0.00053 J	<0.0003 U	<0.00033 U	<0.00024 U	<0.00034 U	<0.00026 U	0.00059 J	<0.013 U	<0.0089 U	<0.00045 U	<0.00026 U	<0.00023 U	<0.00027 U	<0.00028 U	<0.00027 U	0.00033 J
Bromobenzene	108-86-1	NS		mg/kg	<0.00025 U	<0.00026 U	<0.00025 U	<0.00026 U	<0.00019 U	<0.00027 U	<0.00021 U	<0.00023 U	<0.01 U	<0.0072 U	<0.00037 U	<0.00021 U	<0.00019 U	<0.00021 U	<0.00022 U	<0.00022 U	<0.00023 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.00054 U	<0.00055 U	<0.00052 U	<0.00056 U	<0.00041 U	<0.00058 U	<0.00045 U	<0.0005 U	<0.022 U	<0.015 U	<0.00078 U	<0.00045 U	<0.0004 U	<0.00046 U	<0.00048 U	<0.00047 U	<0.0005 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00039 U	<0.0004 U	<0.00038 U	<0.00041 U	<0.0003 U	<0.00043 U	<0.00033 U	<0.00037 U	<0.016 U	<0.011 U	<0.00057 U	<0.00033 U	<0.00029 U	<0.00033 U	<0.00035 U	<0.00034 U	<0.00036 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0016 U	<0.0016 U	<0.0016 U	<0.0017 U	<0.0012 U	<0.0017 U	<0.0013 U	<0.0015 U	<0.065 U	<0.046 U	0.0089	<0.0013 U	<0.0012 U	<0.0014 U	<0.0014 U	<0.0014 U	<0.0015 U
Bromomethane	74-83-9	NS		mg/kg	<0.008 U	<0.0081 U	<0.0077 U	<0.0083 U	<0.006 U	<0.0086 U	<0.0066 U	<0.0074 U	<0.32 U	<0.23 U	<0.012 U	<0.0066 U	<0.006 U	<0.0068 U	<0.0071 U	<0.0069 U	<0.0073 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00023 U	<0.00024 U	<0.00023 U	<0.00025 U	<0.00018 U	<0.00025 U	<0.0002 U	<0.00022 U	<0.0096 U	<0.0067 U	<0.00034 U	<0.0002 U	<0.00018 U	<0.0002 U	<0.00021 U	<0.0002 U	<0.00022 U
Carbon Disulfide	75-15-0	770	1	mg/kg	<0.00048 U	<0.00049 U	<0.00047 U	<0.00051 U	<0.00037 U	<0.00053 U	<0.0004 U	<0.00045 U	<0.02 U	<0.014 U	<0.0007 U	<0.0004 U	<0.00036 U	<0.00041 U	<0.00043 U	<0.00042 U	<0.00045 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00036 U	<0.00037 U	<0.00035 U	<0.00038 U	<0.00028 U	<0.00039 U	<0.0003 U	<0.00034 U	<0.015 U	<0.01 U	<0.00053 U	<0.0003 U	<0.00027 U	<0.00031 U	<0.00032 U	<0.00031 U	<0.00033 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.00032 U	<0.00033 U	<0.00032 U	<0.00034 U	<0.00025 U	<0.00035 U	<0.00027 U	<0.0003 U	<0.013 U	<0.0092 U	<0.00047 U	<0.00027 U	<0.00024 U	<0.00028 U	<0.00029 U	<0.00028 U	<0.0003 U
Chloroethane	75-00-3	NS		mg/kg	<0.0009 U	<0.00092 U	<0.00088 U	<0.00094 U	<0.00068 U	<0.00098 U	<0.00075 U	<0.00084 U	<0.037 U	<0.026 U	<0.0013 U	<0.00075 U	<0.00067 U	<0.00077 U	<0.0008 U	<0.00078 U	<0.00083 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00071 U	<0.00073 U	<0.00069 U	<0.00075 U	<0.00054 U	<0.00077 U	<0.00059 U	<0.00066 U	**<0.029 U**	<0.02 U	<0.001 U	<0.00059 U	<0.00053 U	<0.00061 U	<0.00064 U	<0.00062 U	<0.00066 U
Chloromethane	74-87-3	NS		mg/kg	<0.0019 U	<0.0019 U	<0.0018 U	<0.0019 U	<0.0014 U	<0.002 U	<0.0015 U	<0.0017 U	<0.076 U	<0.053 U	<0.0027 U	<0.0015 U	<0.0014 U	<0.0016 U	<0.0017 U	<0.0016 U	<0.0017 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00041 U	<0.00042 U	<0.0004 U	<0.00043 U	<0.00031 U	<0.00044 U	<0.00034 U	<0.00038 U	<0.017 U	<0.012 U	<0.00059 U	<0.00034 U	<0.00031 U	<0.00035 U	<0.00036 U	<0.00035 U	<0.00038 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00042 U	<0.00043 U	<0.00041 U	<0.00044 U	<0.00032 U	<0.00046 U	<0.00035 U	<0.00039 U	<0.017 U	<0.012 U	<0.00061 U	<0.00035 U	<0.00032 U	<0.00036 U	<0.00038 U	<0.00037 U	<0.00039 U
Cymene	99-87-6	170	1	mg/kg	<0.00034 U	<0.00035 U	<0.00033 U	<0.00036 U	<0.00026 U	<0.00037 U	<0.00028 U	<0.00032 U	0.29	<0.0097 U	<0.0005 U	<0.00028 U	<0.00026 U	<0.00029 U	<0.0003 U	<0.0003 U	<0.00031 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.00033 U	<0.00034 U	<0.00032 U	<0.00034 U	<0.00025 U	<0.00036 U	<0.00027 U	<0.00031 U	<0.013 U	<0.0094 U	<0.00048 U	<0.00027 U	<0.00025 U	<0.00028 U	<0.00029 U	<0.00029 U	<0.0003 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00037 U	<0.00038 U	<0.00036 U	<0.00039 U	<0.00028 U	<0.0004 U	<0.00031 U	<0.00034 U	<0.015 U	<0.011 U	<0.00054 U	<0.00031 U	<0.00028 U	<0.00031 U	<0.00033 U	<0.00032 U	<0.00034 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.00055 U	<0.00056 U	<0.00053 U	<0.00057 U	<0.00042 U	<0.0006 U	<0.00046 U	<0.00051 U	<0.022 U	<0.016 U	<0.0008 U	<0.00046 U	<0.00041 U	<0.00047 U	<0.00049 U	<0.00048 U	<0.00051 U
Ethanol	64-17-5	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.085 U	<0.12 U	<0.093 U	<0.1 U	<4.5 U	<3.2 U	<0.16 U	<0.093 U	<0.083 U	<0.095 U	<0.099 U	<0.096 U	<0.1 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00029 U	<0.00029 U	<0.00028 U	<0.0003 U	<0.00022 U	<0.00031 U	<0.00024 U	<0.00027 U	<0.012 U	<0.0081 U	<0.00042 U	<0.00024 U	<0.00021 U	<0.00024 U	<0.00025 U	<0.00025 U	<0.00026 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	<0.00025 U	<0.00026 U	<0.00024 U	<0.00026 U	<0.00019 U	<0.00027 U	<0.00021 U	<0.00023 U	0.16	<0.0071 U	<0.00036 U	<0.00021 U	<0.00019 U	<0.00021 U	<0.00022 U	<0.00022 U	<0.00023 U
Isopropyl Ether	108-20-3	NS		mg/kg	<0.0006 U	<0.00062 U	<0.00059 U	<0.00063 U	<0.00046 U	<0.00066 U	<0.0005 U	<0.00056 U	<0.025 U	<0.017 U	<0.00088 U	<0.0005 U	<0.00045 U	<0.00052 U	<0.00054 U	<0.00052 U	<0.00056 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	<0.00033 U	<0.00034 U	<0.00033 U	<0.00035 U	<0.00025 U	<0.00036 U	<0.00028 U	<0.00031 U	0.51	<0.0095 U	<0.00049 U	<0.00028 U	<0.00025 U	<0.00028 U	<0.0003 U	<0.00029 U	<0.00031 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.00057 U	<0.00059 U	<0.00056 U	<0.0006 U	<0.00044 U	<0.00062 U	<0.00048 U	<0.00053 U	<0.023 U	<0.016 U	<0.00083 U	<0.00048 U	<0.00043 U	<0.00049 U	<0.00051 U	<0.0005 U	<0.00053 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45	SB45	SB46	SB46	SB46
				Sample Name	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0
				Sample Date	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	2	5	15	1	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	0.013 J	<0.0056 U	0.0065 J	<0.0057 U	<0.0041 U	0.0064 J	<0.0046 U	<0.0051 U	<0.22 U	<0.16 U	<0.0079 U	<0.0045 U	<0.0041 U	<0.0047 U	0.0057 J	<0.0047 U	<0.005 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0035 U	<0.0036 U	<0.0034 U	<0.0037 U	<0.0027 U	<0.0038 U	<0.0029 U	<0.0033 U	<0.14 U	<0.1 U	<0.0051 U	<0.0029 U	<0.0026 U	<0.003 U	<0.0031 U	<0.003 U	<0.0032 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0038 U	<0.0039 U	<0.0037 U	<0.0039 U	<0.0029 U	<0.0041 U	<0.0031 U	<0.0035 U	<0.15 U	<0.11 U	<0.0055 U	<0.0031 U	<0.0028 U	<0.0032 U	<0.0034 U	<0.0033 U	<0.0035 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.0047 U	<0.0049 U	<0.0046 U	<0.005 U	<0.0036 U	<0.0052 U	<0.004 U	<0.0044 U	**1.9**	**<0.14 U**	<0.0069 U	<0.004 U	<0.0036 U	<0.004 U	<0.0042 U	<0.0041 U	<0.0044 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	<0.00025 U	<0.00026 U	<0.00025 U	<0.00027 U	<0.00019 U	<0.00028 U	<0.00021 U	<0.00024 U	0.66	<0.0072 U	<0.00037 U	<0.00021 U	<0.00019 U	<0.00022 U	<0.00023 U	<0.00022 U	<0.00023 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	<0.00031 U	<0.00032 U	<0.00031 U	<0.00033 U	<0.00024 U	<0.00034 U	<0.00026 U	<0.00029 U	0.79	<0.009 U	<0.00046 U	<0.00026 U	<0.00024 U	<0.00027 U	<0.00028 U	<0.00027 U	<0.00029 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	<0.00031 U	<0.00032 U	<0.0003 U	<0.00032 U	<0.00023 U	<0.00033 U	<0.00026 U	<0.00029 U	<0.013 U	<0.0088 U	<0.00045 U	<0.00026 U	<0.00023 U	<0.00026 U	<0.00028 U	<0.00027 U	<0.00028 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	<0.00033 U	<0.00034 U	0.00034 J	<0.00035 U	<0.00025 U	<0.00036 U	<0.00028 U	<0.00031 U	0.84	<0.0094 U	<0.00048 U	<0.00028 U	<0.00025 U	<0.00028 U	<0.0003 U	<0.00029 U	<0.00031 U
Styrene	100-42-5	NS		mg/kg	<0.00038 U	<0.00039 U	<0.00037 U	<0.0004 U	<0.00029 U	<0.00042 U	<0.00032 U	<0.00036 U	<0.016 U	<0.011 U	<0.00056 U	<0.00032 U	<0.00029 U	<0.00033 U	<0.00034 U	<0.00033 U	<0.00035 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00031 U	<0.00031 U	<0.0003 U	<0.00032 U	<0.00023 U	<0.00033 U	<0.00026 U	<0.00029 U	<0.013 U	<0.0088 U	<0.00045 U	<0.00026 U	<0.00023 U	<0.00026 U	<0.00027 U	<0.00027 U	<0.00028 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0085 U**	**<0.0086 U**	**0.014 J**	**<0.0088 U**	**<0.0064 U**	**<0.0092 U**	**<0.007 U**	**<0.0079 U**	**<0.34 U**	**<0.24 U**	**<0.012 U**	**<0.007 U**	**<0.0063 U**	**<0.0072 U**	**0.0088 J**	**<0.0073 U**	**<0.0078 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.00023 U	<0.00023 U	<0.00022 U	<0.00024 U	<0.00017 U	<0.00025 U	<0.00019 U	<0.00021 U	<0.0092 U	<0.0065 U	<0.00033 U	<0.00019 U	<0.00017 U	<0.00019 U	<0.0002 U	<0.0002 U	<0.00021 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.00027 U	<0.00028 U	<0.00026 U	<0.00028 U	<0.00021 U	<0.00029 U	<0.00023 U	<0.00025 U	<0.011 U	<0.0077 U	<0.00039 U	<0.00023 U	<0.0002 U	<0.00023 U	<0.00024 U	<0.00023 U	<0.00025 U
Toluene	108-88-3	3.2	4	mg/kg	<0.00033 U	<0.00033 U	<0.00032 U	<0.00034 U	<0.00025 U	<0.00035 U	<0.00027 U	<0.0003 U	<0.013 U	<0.0093 U	<0.00047 U	<0.00027 U	<0.00024 U	<0.00028 U	<0.00029 U	<0.00028 U	<0.0003 U
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00073 U	<0.00074 U	<0.00071 U	<0.00076 U	<0.00055 U	<0.00079 U	<0.0006 U	<0.00068 U	<0.03 U	<0.021 U	<0.0011 U	<0.0006 U	<0.00054 U	<0.00062 U	<0.00065 U	<0.00063 U	<0.00067 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00036 U	<0.00037 U	<0.00035 U	<0.00038 U	<0.00028 U	<0.00039 U	<0.0003 U	<0.00034 U	<0.015 U	<0.01 U	<0.00053 U	<0.0003 U	<0.00027 U	<0.00031 U	<0.00032 U	<0.00031 U	<0.00034 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.00034 U	<0.00035 U	<0.00033 U	<0.00035 U	<0.00026 U	<0.00037 U	<0.00028 U	<0.00032 U	<0.014 U	<0.0096 U	<0.00049 U	<0.00028 U	<0.00025 U	<0.00029 U	<0.0003 U	<0.00029 U	<0.00031 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00047 U	<0.00048 U	<0.00046 U	<0.00049 U	<0.00036 U	<0.00051 U	<0.00039 U	<0.00044 U	<0.019 U	<0.013 U	<0.00068 U	<0.00039 U	<0.00035 U	<0.0004 U	<0.00042 U	<0.0004 U	<0.00043 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.00033 U	<0.00034 U	<0.00032 U	<0.00034 U	<0.00025 U	<0.00036 U	<0.00027 U	<0.00031 U	<0.013 U	<0.0094 U	<0.00048 U	<0.00027 U	<0.00025 U	<0.00028 U	<0.00029 U	<0.00029 U	<0.0003 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0047 U	<0.0048 U	<0.0046 U	<0.0049 U	<0.0036 U	<0.0051 U	<0.0039 U	<0.0044 U	<0.19 U	<0.13 U	<0.0069 U	<0.0039 U	<0.0035 U	<0.004 U	<0.0042 U	<0.0041 U	<0.0044 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00046 U	<0.00047 U	<0.00045 U	<0.00048 U	<0.00035 U	<0.0005 U	<0.00038 U	<0.00043 U	**<0.019 U**	**<0.013 U**	<0.00067 U	<0.00038 U	<0.00034 U	<0.00039 U	<0.00041 U	<0.0004 U	<0.00042 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB47	SB47	SB47	SB48	SB48	SB48	SB49	SB49
				Sample Name	SB47-2.0	SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
				Sample Date	12/05/2024	12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	630-20-6	NS		mg/kg	<0.00032 U	<0.00029 U	<0.00035 U	<0.00039 U	<0.0006 U	<0.00048 U	<0.00053 U	<0.00029 U
1,1,1-Trichloroethane	71-55-6	NS		mg/kg	<0.00025 U	<0.00023 U	<0.00028 U	<0.00031 U	<0.00048 U	<0.00039 U	<0.00042 U	<0.00023 U
1,1,2,2-Tetrachloroethane	79-34-5	NS		mg/kg	<0.00059 U	<0.00055 U	<0.00066 U	<0.00073 U	<0.0011 U	<0.00091 U	<0.00098 U	<0.00054 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS		mg/kg	<0.0005 U	<0.00047 U	<0.00056 U	<0.00062 U	<0.00095 U	<0.00077 U	<0.00084 U	<0.00046 U
1,1,2-Trichloroethane	79-00-5	**0.076**	4	mg/kg	<0.00051 U	<0.00047 U	<0.00056 U	<0.00062 U	<0.00096 U	<0.00077 U	<0.00084 U	<0.00046 U
1,1-Dichloroethane	75-34-3	NS		mg/kg	<0.00031 U	<0.00028 U	<0.00034 U	<0.00037 U	<0.00058 U	<0.00047 U	<0.00051 U	<0.00028 U
1,1-Dichloroethene	75-35-4	NS		mg/kg	<0.00029 U	<0.00027 U	<0.00032 U	<0.00035 U	<0.00055 U	<0.00044 U	<0.00048 U	<0.00026 U
1,1-Dichloropropene	563-58-6	NS		mg/kg	<0.00042 U	<0.00039 U	<0.00047 U	<0.00052 U	<0.0008 U	<0.00065 U	<0.0007 U	<0.00038 U
1,2,3-Trichlorobenzene	87-61-6	NS		mg/kg	<0.00041 U	<0.00038 U	<0.00046 U	<0.0005 U	<0.00077 U	<0.00063 U	<0.00068 U	<0.00037 U
1,2,3-Trichloropropane	96-18-4	NS		mg/kg	<0.00046 U	<0.00042 U	<0.00051 U	<0.00056 U	<0.00086 U	<0.0007 U	<0.00076 U	<0.00041 U
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.00045 U	<0.00041 U	<0.0005 U	<0.00055 U	<0.00084 U	<0.00068 U	<0.00074 U	<0.00041 U
1,2,4-Trimethylbenzene	95-63-6	300	1	mg/kg	<0.0003 U	<0.00028 U	<0.00034 U	<0.00037 U	<0.00057 U	<0.00046 U	<0.0005 U	<0.00027 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS		mg/kg	<0.0036 U	<0.0034 U	<0.004 U	<0.0044 U	<0.0069 U	<0.0056 U	<0.006 U	<0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS		mg/kg	<0.00022 U	<0.00021 U	<0.00025 U	<0.00027 U	<0.00042 U	<0.00034 U	<0.00037 U	<0.0002 U
1,2-Dichlorobenzene	95-50-1	1.1	4	mg/kg	<0.00027 U	<0.00025 U	<0.0003 U	<0.00033 U	<0.00052 U	<0.00042 U	<0.00045 U	<0.00025 U
1,2-Dichloroethane	107-06-2	NS		mg/kg	<0.0003 U	<0.00028 U	<0.00033 U	<0.00037 U	<0.00057 U	<0.00046 U	<0.0005 U	<0.00027 U
1,2-Dichloropropane	78-87-5	NS		mg/kg	<0.0003 U	<0.00028 U	<0.00033 U	<0.00037 U	<0.00057 U	<0.00046 U	<0.0005 U	<0.00027 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	270	1	mg/kg	<0.00029 U	<0.00027 U	<0.00032 U	<0.00036 U	<0.00055 U	<0.00045 U	<0.00048 U	<0.00026 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.00028 U	<0.00025 U	<0.00031 U	<0.00034 U	<0.00052 U	<0.00042 U	<0.00046 U	<0.00025 U
1,3-Dichloropropane	142-28-9	NS		mg/kg	<0.00032 U	<0.0003 U	<0.00036 U	<0.00039 U	<0.00061 U	<0.00049 U	<0.00053 U	<0.00029 U
1,4-Dichlorobenzene	106-46-7	0.2	4	mg/kg	<0.00033 U	<0.00031 U	<0.00037 U	<0.00041 U	<0.00063 U	<0.00051 U	<0.00056 U	<0.0003 U
2,2-Dichloropropane	594-20-7	NS		mg/kg	<0.0003 U	<0.00027 U	<0.00033 U	<0.00036 U	<0.00056 U	<0.00045 U	<0.00049 U	<0.00027 U
2-Chlorotoluene	95-49-8	NS		mg/kg	<0.00028 U	<0.00025 U	<0.00031 U	<0.00034 U	<0.00052 U	<0.00042 U	<0.00046 U	<0.00025 U
2-Hexanone (MBK)	591-78-6	NS		mg/kg	<0.0034 U	<0.0031 U	<0.0037 U	<0.0041 U	<0.0063 U	<0.0051 U	<0.0056 U	<0.003 U
4-Chlorotoluene	106-43-4	NS		mg/kg	<0.00026 U	<0.00024 U	<0.00029 U	<0.00032 U	<0.0005 U	<0.0004 U	<0.00044 U	<0.00024 U
Acetone	67-64-1	**0.91**	4	mg/kg	<0.011 U	<0.0099 U	<0.012 U	0.064	0.14	0.021 J	0.024 J	0.023
Benzene	71-43-2	**0.025**	4	mg/kg	0.00044 J	<0.00026 U	<0.00031 U	<0.00034 U	<0.00053 U	0.00049 J	0.00084 J	0.00067 J
Bromobenzene	108-86-1	NS		mg/kg	<0.00023 U	<0.00021 U	<0.00025 U	<0.00028 U	<0.00043 U	<0.00035 U	<0.00038 U	<0.00021 U
Bromochloromethane	74-97-5	NS		mg/kg	<0.00049 U	<0.00045 U	<0.00054 U	<0.00059 U	<0.00092 U	<0.00074 U	<0.0008 U	<0.00044 U
Bromodichloromethane	75-27-4	**0.016**	4	mg/kg	<0.00035 U	<0.00033 U	<0.00039 U	<0.00043 U	<0.00067 U	<0.00054 U	<0.00059 U	<0.00032 U
Bromoform	75-25-2	0.69	4	mg/kg	<0.0014 U	<0.0013 U	<0.0016 U	<0.0018 U	<0.0027 U	<0.0022 U	<0.0024 U	<0.0013 U
Bromomethane	74-83-9	NS		mg/kg	<0.0072 U	<0.0066 U	<0.008 U	<0.0088 U	<0.014 U	<0.011 U	<0.012 U	<0.0065 U
Butane, 2-Methoxy-2-Methyl	994-05-8	NS		mg/kg	<0.00021 U	<0.0002 U	<0.00023 U	<0.00026 U	<0.0004 U	<0.00032 U	<0.00035 U	<0.00019 U
Carbon Disulfide	75-15-0	770	1	mg/kg	<0.00044 U	<0.0004 U	<0.00048 U	<0.00053 U	<0.00082 U	<0.00067 U	<0.00072 U	<0.0004 U
Carbon Tetrachloride	56-23-5	NS		mg/kg	<0.00033 U	<0.0003 U	<0.00036 U	<0.0004 U	<0.00062 U	<0.0005 U	<0.00054 U	<0.0003 U
Chlorobenzene	108-90-7	1.5	4	mg/kg	<0.00029 U	<0.00027 U	<0.00032 U	<0.00036 U	<0.00055 U	<0.00045 U	<0.00048 U	<0.00026 U
Chloroethane	75-00-3	NS		mg/kg	<0.00081 U	<0.00075 U	<0.0009 U	<0.00099 U	<0.0015 U	<0.0012 U	<0.0013 U	<0.00073 U
Chloroform	67-66-3	**0.023**	4	mg/kg	<0.00064 U	<0.00059 U	<0.00071 U	<0.00079 U	<0.0012 U	<0.00098 U	<0.0011 U	<0.00058 U
Chloromethane	74-87-3	NS		mg/kg	<0.0017 U	<0.0015 U	<0.0019 U	<0.002 U	<0.0032 U	<0.0026 U	<0.0028 U	<0.0015 U
Cis-1,2-Dichloroethene	156-59-2	0.19	4	mg/kg	<0.00037 U	<0.00034 U	<0.00041 U	<0.00045 U	<0.00069 U	<0.00056 U	<0.00061 U	<0.00033 U
Cis-1,3-Dichloropropene	10061-01-5	NS		mg/kg	<0.00038 U	<0.00035 U	<0.00042 U	<0.00046 U	<0.00072 U	<0.00058 U	<0.00063 U	<0.00034 U
Cymene	99-87-6	170	1	mg/kg	<0.00031 U	<0.00028 U	<0.00034 U	<0.00038 U	<0.00058 U	<0.00047 U	<0.00051 U	<0.00028 U
Dibromochloromethane	124-48-1	NS		mg/kg	<0.0003 U	<0.00027 U	<0.00033 U	<0.00036 U	<0.00056 U	<0.00045 U	<0.00049 U	<0.00027 U
Dibromomethane	74-95-3	NS		mg/kg	<0.00033 U	<0.00031 U	<0.00037 U	<0.00041 U	<0.00063 U	<0.00051 U	<0.00055 U	<0.0003 U
Dichlorodifluoromethane	75-71-8	NS		mg/kg	<0.0005 U	<0.00046 U	<0.00055 U	<0.0006 U	<0.00093 U	<0.00076 U	<0.00082 U	<0.00045 U
Ethanol	64-17-5	NS		mg/kg	<0.1 U	<0.093 U	<0.11 U	<0.12 U	<0.19 U	<0.15 U	<0.17 U	<0.091 U
Ethyl Tert-Butyl Ether	637-92-3	NS		mg/kg	<0.00026 U	<0.00024 U	<0.00029 U	<0.00031 U	<0.00049 U	<0.00039 U	<0.00043 U	<0.00023 U
Ethylbenzene	100-41-4	**0.43**	4	mg/kg	<0.00023 U	<0.00021 U	<0.00025 U	<0.00028 U	<0.00042 U	<0.00034 U	<0.00037 U	0.00021 J
Isopropyl Ether	108-20-3	NS		mg/kg	<0.00055 U	<0.0005 U	<0.00061 U	<0.00067 U	<0.001 U	<0.00083 U	<0.0009 U	<0.00049 U
Isopropylbenzene (Cumene)	98-82-8	1900	1	mg/kg	<0.0003 U	<0.00028 U	<0.00033 U	<0.00037 U	<0.00057 U	<0.00046 U	<0.0005 U	<0.00027 U
M,P-Xylene	179601-23-1	2.1	4	mg/kg	<0.00052 U	<0.00048 U	<0.00057 U	<0.00063 U	<0.00097 U	<0.00079 U	<0.00086 U	<0.00047 U

Table 4
Soil Analytical Results: Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB47	SB47	SB47	SB48	SB48	SB48	SB49	SB49
				Sample Name	SB47-2.0	SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
				Sample Date	12/05/2024	12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds												
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.1	4	mg/kg	<0.0049 U	<0.0045 U	<0.0055 U	0.0077 J	0.014 J	<0.0075 U	<0.0082 U	<0.0045 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanor	108-10-1	**0.35**	4	mg/kg	<0.0032 U	<0.0029 U	<0.0035 U	<0.0039 U	<0.006 U	<0.0048 U	<0.0053 U	<0.0029 U
Methylene Chloride	75-09-2	NS		mg/kg	<0.0034 U	<0.0031 U	<0.0038 U	<0.0042 U	<0.0064 U	<0.0052 U	<0.0057 U	<0.0031 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	<0.0043 U	<0.0039 U	<0.0048 U	<0.0052 U	<0.0081 U	<0.0065 U	<0.0071 U	<0.0039 U
n-Butylbenzene	104-51-8	1200	6	mg/kg	<0.00023 U	<0.00021 U	<0.00025 U	<0.00028 U	<0.00043 U	<0.00035 U	<0.00038 U	<0.00021 U
n-Propylbenzene	103-65-1	3800	1	mg/kg	<0.00028 U	<0.00026 U	<0.00031 U	<0.00035 U	<0.00054 U	<0.00043 U	<0.00047 U	<0.00026 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	2.1	4	mg/kg	<0.00028 U	<0.00026 U	<0.00031 U	<0.00034 U	<0.00052 U	<0.00043 U	<0.00046 U	<0.00025 U
Sec-Butylbenzene	135-98-8	2200	6	mg/kg	<0.0003 U	<0.00028 U	<0.00033 U	<0.00037 U	<0.00056 U	<0.00046 U	<0.0005 U	<0.00027 U
Styrene	100-42-5	NS		mg/kg	<0.00035 U	<0.00032 U	<0.00038 U	<0.00042 U	<0.00065 U	<0.00053 U	<0.00057 U	<0.00031 U
T-Butylbenzene	98-06-6	NS		mg/kg	<0.00028 U	<0.00026 U	<0.00031 U	<0.00034 U	<0.00052 U	<0.00042 U	<0.00046 U	<0.00025 U
Tert-Butyl Alcohol	75-65-0	**0.0049**	4	mg/kg	**<0.0076 U**	**<0.007 U**	**<0.0085 U**	**<0.0093 U**	**<0.014 U**	**<0.012 U**	**<0.013 U**	**<0.0069 U**
Tert-Butyl Methyl Ether	1634-04-4	NS		mg/kg	<0.0002 U	<0.00019 U	<0.00023 U	<0.00025 U	<0.00039 U	<0.00031 U	<0.00034 U	<0.00019 U
Tetrachloroethene (PCE)	127-18-4	**0.08**	4	mg/kg	<0.00024 U	<0.00022 U	<0.00027 U	<0.0003 U	<0.00046 U	<0.00037 U	<0.0004 U	<0.00022 U
Toluene	108-88-3	3.2	4	mg/kg	<0.00029 U	<0.00027 U	<0.00033 U	<0.00036 U	<0.00055 U	<0.00045 U	0.00075 J	0.00061 J
Total Xylenes	1330-20-7	2.1	4	mg/kg	<0.00065 U	<0.0006 U	<0.00073 U	<0.0008 U	<0.0012 U	<0.001 U	<0.0011 U	<0.00059 U
Trans-1,2-Dichloroethene	156-60-5	NS		mg/kg	<0.00033 U	<0.0003 U	<0.00036 U	<0.0004 U	<0.00062 U	<0.0005 U	<0.00054 U	<0.0003 U
Trans-1,3-Dichloropropene	10061-02-6	NS		mg/kg	<0.0003 U	<0.00028 U	<0.00034 U	<0.00037 U	<0.00058 U	<0.00047 U	<0.00051 U	<0.00028 U
Trichloroethene (TCE)	79-01-6	**0.085**	4	mg/kg	<0.00042 U	<0.00039 U	0.00062 J	<0.00052 U	<0.0008 U	<0.00064 U	<0.0007 U	<0.00038 U
Trichlorofluoromethane	75-69-4	NS		mg/kg	<0.0003 U	<0.00027 U	<0.00033 U	<0.00036 U	<0.00056 U	<0.00045 U	<0.00049 U	<0.00027 U
Vinyl Acetate	108-05-4	NS		mg/kg	<0.0043 U	<0.0039 U	<0.0047 U	<0.0052 U	<0.0081 U	<0.0065 U	<0.0071 U	<0.0039 U
Vinyl Chloride	75-01-4	**0.0015**	4	mg/kg	<0.00041 U	<0.00038 U	<0.00046 U	<0.0005 U	<0.00078 U	<0.00063 U	<0.00068 U	<0.00037 U

Notes:

Soil results were compared Site-specific screening levels that are a compilation of [1] EPA RSL Residential Soil (November 2024), RWQCB [2] Soil Direct Exposure Construction Worker: Any Land Use ESL, [3] Soil Direct Exposure Residential ESL, [4] Leaching to Groundwater ESL, and [5] Soil Gross Contamination ESL (July 2025), [6] CA DTSC Residential Soil (April 2025), and [7] Average Background Arsenic Concentration from "Determination of a Southern California Regional Background Arsenic Concentration in Soil" published by the CA DTSC (2008)

RWQCB - Regional Water Quality Control Board

ESL - Environmental Screening Level

DTSC - Department of Toxic Substance Control

CAS - Chemical Abstract Service

NS - No standard

mg/kg - Milligrams per kilogram

NA - Not Analyzed

MDL - Method Detection Limit

<MDL - Not detected

Qualifiers:

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. (Alpha)

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the MDL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds Site-Specific Soil Screening Levels

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB2	SB2	SB2	SB6	SB6	SB6	SB8	SB8	SB8	SB9	SB9	SB9	SB17	SB17	SB17	SB18	SB18
				Sample Name	SB2-0.5	SB2-2.0	SB2-5.0	SB6-1.5	SB6-2.0	SB6-5.0	SB8-0.5	SB8-2.0	SB8-5.0	SB9-0.5	SB9-2.0	SB9-5.0	SB17-2.0	SB17-5.0	SB17-15.0	SB18-2.0	SB18-5.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/26/2024	11/26/2024	11/26/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	0.5	2	5	1.5	2	5	0.5	2	5	0.5	2	5	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<3.3 U	<0.14 U	<0.14 U	<0.72 U	<0.15 U	<0.16 U	<1.4 U	<0.14 U	<0.13 U	<12 U	<0.13 U	<0.14 U	<0.68 U	<0.14 U	<0.15 U	<1.4 U	<0.14 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	**<2.3 U**	<0.095 U	<0.098 U	<0.51 U	<0.1 U	<0.11 U	<0.96 U	<0.099 U	<0.094 U	**<8.7 U**	<0.094 U	<0.096 U	<0.48 U	<0.1 U	<0.11 U	<0.95 U	<0.098 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<2.9 U	<0.12 U	<0.12 U	<0.63 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U	<0.12 U	<11 U	<0.12 U	<0.12 U	<0.59 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	**<2.6 U**	<0.11 U	<0.11 U	**<0.57 U**	<0.12 U	<0.13 U	**<1.1 U**	<0.11 U	<0.11 U	**<9.9 U**	<0.11 U	<0.11 U	**<0.54 U**	<0.12 U	<0.12 U	**<1.1 U**	<0.11 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	**5.2**	0.17 J	0.095	**1.8 J**	**6.6**	<0.015 U	0.015 J	<0.012 U	<0.012 U	**6.7**	<0.012 U	<0.012 U	<0.12 U	<0.013 U	<0.014 U	<0.12 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<5.3 U	<0.22 U	<0.23 U	<1.2 U	<0.24 U	<0.26 U	<2.2 U	<0.23 U	<0.22 U	<20 U	<0.22 U	<0.22 U	<1.1 U	<0.24 U	<0.25 U	<2.2 U	<0.23 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<3.2 U	<0.13 U	<0.14 U	<0.71 U	<0.14 U	<0.16 U	<1.3 U	<0.14 U	<0.13 U	<12 U	<0.13 U	<0.13 U	<0.67 U	<0.14 U	<0.15 U	<1.3 U	<0.14 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<3.6 U	<0.15 U	<0.15 U	<0.79 U	<0.16 U	<0.18 U	<1.5 U	<0.15 U	<0.15 U	<14 U	<0.15 U	<0.15 U	<0.74 U	<0.16 U	<0.17 U	<1.5 U	<0.15 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<3.5 U	<0.15 U	<0.15 U	<0.77 U	<0.16 U	<0.17 U	<1.5 U	<0.15 U	<0.14 U	<13 U	<0.14 U	<0.15 U	<0.73 U	<0.16 U	<0.17 U	<1.5 U	<0.15 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<25 U	<1 U	<1.1 U	<5.5 U	<1.1 U	<1.2 U	<10 U	<1.1 U	<1 U	<94 U	<1 U	<1 U	<5.1 U	<1.1 U	<1.2 U	<10 U	<1.1 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<2.2 U	<0.092 U	<0.095 U	<0.49 U	<0.098 U	<0.11 U	<0.92 U	<0.095 U	<0.091 U	<8.4 U	<0.091 U	<0.092 U	<0.46 U	<0.098 U	<0.1 U	<0.92 U	<0.094 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<3.1 U	<0.13 U	<0.13 U	<0.67 U	<0.14 U	<0.15 U	<1.3 U	<0.13 U	<0.13 U	<12 U	<0.13 U	<0.13 U	<0.63 U	<0.14 U	<0.14 U	<1.3 U	<0.13 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<2.3 U	<0.097 U	<0.1 U	<0.52 U	<0.1 U	<0.12 U	<0.98 U	<0.1 U	<0.096 U	<8.9 U	<0.096 U	<0.098 U	<0.48 U	<0.1 U	<0.11 U	<0.97 U	<0.1 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<2.4 U	<0.098 U	<0.1 U	<0.52 U	<0.1 U	<0.12 U	<0.98 U	<0.1 U	<0.097 U	<9 U	<0.097 U	<0.098 U	<0.49 U	<0.1 U	<0.11 U	<0.98 U	<0.1 U
2-Chlorophenol	95-57-8	NS		mg/kg	<3.6 U	<0.15 U	<0.16 U	<0.8 U	<0.16 U	<0.18 U	<1.5 U	<0.16 U	<0.15 U	<14 U	<0.15 U	<0.15 U	<0.75 U	<0.16 U	<0.17 U	<1.5 U	<0.15 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	**7.9**	0.24 J	0.15 J	**1.7 J**	**9.4**	<0.014 U	0.047	<0.012 U	<0.011 U	**8.1**	<0.012 U	<0.012 U	<0.12 U	<0.013 U	<0.013 U	<0.12 U	<0.012 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<2.6 U	<0.11 U	<0.11 U	<0.58 U	<0.12 U	<0.13 U	<1.1 U	<0.11 U	<0.11 U	<10 U	<0.11 U	<0.11 U	<0.54 U	<0.12 U	<0.12 U	<1.1 U	<0.11 U
2-Nitroaniline	88-74-4	NS		mg/kg	<2.5 U	<0.1 U	<0.11 U	<0.55 U	<0.11 U	<0.12 U	<1 U	<0.11 U	<0.1 U	<9.5 U	<0.1 U	<0.1 U	<0.52 U	<0.11 U	<0.12 U	<1 U	<0.11 U
2-Nitrophenol	88-75-5	NS		mg/kg	<3.8 U	<0.16 U	<0.16 U	<0.83 U	<0.17 U	<0.19 U	<1.6 U	<0.16 U	<0.16 U	<14 U	<0.16 U	<0.16 U	<0.78 U	<0.17 U	<0.18 U	<1.6 U	<0.16 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<2.9 U	<0.12 U	<0.12 U	<0.63 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U	<0.12 U	<11 U	<0.12 U	<0.12 U	<0.59 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<15 U	<0.61 U	<0.63 U	<3.2 U	<0.65 U	<0.72 U	<6.1 U	<0.63 U	<0.6 U	<56 U	<0.6 U	<0.61 U	<3 U	<0.65 U	<0.69 U	<6.1 U	<0.62 U
3-Nitroaniline	99-09-2	NS		mg/kg	<2.3 U	<0.094 U	<0.098 U	<0.5 U	<0.1 U	<0.11 U	<0.95 U	<0.098 U	<0.094 U	<8.6 U	<0.093 U	<0.095 U	<0.47 U	<0.1 U	<0.11 U	<0.94 U	<0.097 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<26 U	<1.1 U	<1.1 U	<5.7 U	<1.1 U	<1.3 U	<11 U	<1.1 U	<1.1 U	<98 U	<1.1 U	<1.1 U	<5.3 U	<1.1 U	<1.2 U	<11 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<2 U	<0.083 U	<0.085 U	<0.44 U	<0.089 U	<0.098 U	<0.83 U	<0.086 U	<0.082 U	<7.6 U	<0.082 U	<0.083 U	<0.41 U	<0.088 U	<0.094 U	<0.83 U	<0.085 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<2.5 U	<0.1 U	<0.11 U	<0.56 U	<0.11 U	<0.12 U	<1.1 U	<0.11 U	<0.1 U	<9.6 U	<0.1 U	<0.11 U	<0.52 U	<0.11 U	<0.12 U	<1 U	<0.11 U
4-Chloroaniline	106-47-8	NS		mg/kg	<2.2 U	<0.093 U	<0.096 U	<0.49 U	<0.1 U	<0.11 U	<0.93 U	<0.097 U	<0.092 U	<8.5 U	<0.092 U	<0.094 U	<0.46 U	<0.099 U	<0.11 U	<0.93 U	<0.096 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<2.8 U	<0.11 U	<0.12 U	<0.61 U	<0.12 U	<0.14 U	<1.1 U	<0.12 U	<0.11 U	<10 U	<0.11 U	<0.11 U	<0.57 U	<0.12 U	<0.13 U	<1.1 U	<0.12 U
4-Nitroaniline	100-01-6	NS		mg/kg	<2.8 U	<0.12 U	<0.12 U	<0.61 U	<0.12 U	<0.14 U	<1.2 U	<0.12 U	<0.11 U	<11 U	<0.11 U	<0.12 U	<0.57 U	<0.12 U	<0.13 U	<1.2 U	<0.12 U
4-Nitrophenol	100-02-7	NS		mg/kg	<8.6 U	<0.36 U	<0.37 U	<1.9 U	<0.38 U	<0.42 U	<3.6 U	<0.37 U	<0.35 U	<33 U	<0.35 U	<0.36 U	<1.8 U	<0.38 U	<0.41 U	<3.6 U	<0.37 U
Acenaphthene	83-32-9	13	4	mg/kg	0.8	0.023	<0.015 U	0.054	0.26	<0.018 U	<0.015 U	<0.015 U	<0.014 U	0.48	<0.015 U	<0.015 U	<0.15 U	<0.016 U	<0.016 U	<0.15 U	<0.015 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.054 U	<0.01 U	<0.011 U	<0.012 U	<0.012 U	<0.013 U	<0.011 U	<0.011 U	<0.011 U	<0.094 U	<0.011 U	<0.011 U	<0.11 U	<0.012 U	<0.012 U	<0.11 U	<0.011 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<2.6 U	<0.11 U	<0.11 U	<0.57 U	<0.12 U	<0.13 U	<1.1 U	<0.11 U	<0.11 U	<9.9 U	<0.11 U	<0.11 U	<0.54 U	<0.12 U	<0.12 U	<1.1 U	<0.11 U
Anthracene	120-12-7	2	4	mg/kg	0.14	<0.0095 U	<0.01 U	0.056	0.21	<0.012 U	0.012 J	<0.01 U	<0.0097 U	0.22	<0.0099 U	<0.01 U	<0.099 U	<0.011 U	<0.011 U	<0.099 U	<0.01 U
Azobenzene	103-33-3	NS		mg/kg	<2.1 U	<0.089 U	<0.092 U	<0.47 U	<0.095 U	<0.11 U	<0.89 U	<0.092 U	<0.088 U	<8.1 U	<0.088 U	<0.089 U	<0.44 U	<0.095 U	<0.1 U	<0.89 U	<0.091 U
Benzidine	92-87-5	NS		mg/kg	<16 U	<0.65 U	<0.67 U	<3.4 U	<0.7 U	<0.77 U	<6.5 U	<0.67 U	<0.64 U	<59 U	<0.64 U	<0.65 U	<3.2 U	<0.69 U	<0.74 U	<6.5 U	<0.67 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.045 U	<0.0086 U	<0.0092 U	<0.0096 U	0.013 J	<0.011 U	0.032	<0.0091 U	<0.0087 U	0.32	<0.0089 U	<0.0092 U	<0.089 U	<0.0097 U	<0.01 U	<0.09 U	<0.0093 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.045 U	<0.0087 U	<0.0094 U	<0.0097 U	<0.0098 U	<0.011 U	0.037	<0.0093 U	<0.0089 U	<0.08 U	<0.0091 U	<0.0094 U	<0.091 U	<0.0099 U	<0.01 U	<0.091 U	<0.0094 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.083 U	<0.016 U	<0.017 U	<0.018 U	<0.018 U	<0.02 U	0.029	<0.017 U	<0.016 U	<0.15 U	<0.017 U	<0.017 U	<0.17 U	<0.018 U	<0.019 U	<0.17 U	<0.017 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	0.086 J	<0.011 U	<0.012 U	<0.013 U	<0.013 U	<0.014 U	0.04	<0.012 U	<0.012 U	0.15 J	<0.012 U	<0.012 U	<0.12 U	<0.013 U	<0.013 U	<0.12 U	<0.012 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.096 U	<0.018 U	<0.02 U	<0.021 U	<0.021 U	<0.023 U	0.029	<0.02 U	<0.019 U	<0.17 U	<0.019 U	<0.02 U	<0.19 U	<0.021 U	<0.022 U	<0.19 U	<0.02 U
Benzoic Acid	65-85-0	NS		mg/kg	<18 U	<0.76 U	<0.79 U	<4 U	<0.81 U	<0.9 U	<7.6 U	<0.79 U	<0.75 U	<70 U	<0.75 U	<0.77 U	<3.8 U	<0.81 U	<0.87 U	<7.6 U	<0.78 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<4.6 U	<0.19 U	<0.2 U	<1 U	<0.2 U	<0.22 U	<1.9 U	<0.2 U	<0.19 U	<17 U	<0.19 U	<0.19 U	<0.94 U	<0.2 U	<0.21 U	<1.9 U	<0.19 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<6.4 U	<0.27 U	<0.27 U	<1.4 U	<0.28 U	<0.32 U	<2.7 U	<0.28 U	<0.26 U	<24 U	<0.26 U	<0.27 U	<1.3 U	<0.28 U	<0.3 U	<2.7 U	<0.27 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<3 U	<0.13 U	<0.13 U	<0.66 U	<0.13 U	<0.15 U	<1.3 U	<0.13 U	<0.12 U	<11 U	<0.12 U	<0.13 U	<0.63 U	<0.13 U	<0.14 U	<1.3 U	<0.13 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<2.9 U	<0.12 U	<0.12 U	<0.64 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U	<0.12 U	<11 U	<0.12 U	<0.12 U	<0.6 U	<0.13 U	<0.14 U	<1.2 U	<0.12 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<3.2 U	<0.13 U	<0.14 U	<0.71 U	<0.14 U	<0.16 U	<1.3 U	<0.14 U	<0.13 U	<12 U	<0.13 U	<0.13 U	<0.67 U	<0.14 U	<0.15 U	<1.3 U	<0.14 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<5.9 U	<0.25 U	<0.25 U	<1.3 U	<0.26 U	<0.29 U	<2.5 U	<0.26 U	<0.24 U	<23 U	<0.24 U	<0.25 U	<1.2 U	<0.26 U	<0.28 U	<2.5 U	<0.25 U
Chrysene	218-01-9	2.2	4	mg/kg	0.13	<0.007 U	<0.0075 U	0.018 J	0.033	<0.0087 U	0.035	<0.0074 U	<0.0071 U	0.65	<0.0072 U	<0.0075 U	<0.072 U	<0.0079 U	<0.0082 U	<0.073 U	<0.0075 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	**<0.061 U**	<0.012 U	<0.013 U	<0.013 U	<0.013 U	<0.015 U	<0.012 U	<0.013 U	<0.012 U	**<0.11 U**	<0.012 U	<0.013 U	**<0.12 U**	<0.013 U	<0.014 U	**<0.12 U**	<0.013 U
Dibenzofuran	132-64-9	66	6	mg/kg	<2.6 U	<0.11 U	<0.11 U	<0.57 U	0.23 J	<0.13 U	<1.1 U	<0.11 U	<0.11 U	<9.8 U	<0.11 U	<0.11 U	<0.53 U	<0.11 U	<0.12 U	<1.1 U	<0.11 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<3 U	<0.13 U	<0.13 U	<0.66 U	<0.13 U	<0.15 U	<1.3 U	<0.13 U	<0.12 U	<11 U	<0.12 U	<0.13 U	<0.63 U	<0.13 U	<0.14 U	<1.3 U	<0.13 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB2	SB2	SB2	SB6	SB6	SB6	SB8	SB8	SB8	SB9	SB9	SB9	SB17	SB17	SB17	SB18	SB18
				Sample Name	SB2-0.5	SB2-2.0	SB2-5.0	SB6-1.5	SB6-2.0	SB6-5.0	SB8-0.5	SB8-2.0	SB8-5.0	SB9-0.5	SB9-2.0	SB9-5.0	SB17-2.0	SB17-5.0	SB17-15.0	SB18-2.0	SB18-5.0
				Sample Date	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/26/2024	11/26/2024	11/26/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	0.5	2	5	1.5	2	5	0.5	2	5	0.5	2	5	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<3.1 U	<0.13 U	<0.13 U	<0.69 U	<0.14 U	<0.15 U	<1.3 U	<0.13 U	<0.13 U	<12 U	<0.13 U	<0.13 U	<0.65 U	<0.14 U	<0.15 U	<1.3 U	<0.13 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<2.7 U	<0.11 U	<0.11 U	<0.59 U	<0.12 U	<0.13 U	<1.1 U	<0.12 U	<0.11 U	<10 U	<0.11 U	<0.11 U	<0.55 U	<0.12 U	<0.13 U	<1.1 U	<0.11 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<6.3 U	<0.26 U	<0.27 U	<1.4 U	<0.28 U	<0.31 U	<2.6 U	<0.27 U	<0.26 U	<24 U	<0.26 U	<0.26 U	<1.3 U	<0.28 U	<0.3 U	<2.6 U	<0.27 U
Fluoranthene	206-44-0	87	4	mg/kg	<0.045 U	<0.0086 U	<0.0092 U	0.026	<0.0097 U	<0.011 U	0.077	<0.0092 U	<0.0087 U	<0.079 U	<0.0089 U	<0.0092 U	<0.09 U	<0.0097 U	<0.01 U	<0.09 U	<0.0093 U
Fluorene	86-73-7	5.9	4	mg/kg	1.2	0.036	0.028	0.14	0.67	<0.013 U	<0.011 U	<0.011 U	<0.011 U	0.9	<0.011 U	<0.011 U	<0.11 U	<0.012 U	<0.012 U	<0.11 U	<0.011 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<2.2 U	<0.09 U	<0.093 U	<0.48 U	<0.097 U	<0.11 U	<0.91 U	<0.094 U	<0.09 U	<8.3 U	<0.089 U	<0.091 U	<0.45 U	<0.097 U	<0.1 U	<0.9 U	<0.093 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<3.4 U	<0.14 U	<0.15 U	<0.75 U	<0.15 U	<0.17 U	<1.4 U	<0.15 U	<0.14 U	<13 U	<0.14 U	<0.14 U	<0.7 U	<0.15 U	<0.16 U	<1.4 U	<0.14 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<2.4 U	<0.098 U	<0.1 U	<0.52 U	<0.1 U	<0.12 U	<0.98 U	<0.1 U	<0.097 U	<8.9 U	<0.097 U	<0.098 U	<0.49 U	<0.1 U	<0.11 U	<0.98 U	<0.1 U
Hexachloroethane	67-72-1	NS		mg/kg	<2.5 U	<0.1 U	<0.11 U	<0.55 U	<0.11 U	<0.12 U	<1 U	<0.11 U	<0.1 U	<9.5 U	<0.1 U	<0.1 U	<0.52 U	<0.11 U	<0.12 U	<1 U	<0.11 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	3	mg/kg	<0.067 U	<0.013 U	<0.014 U	<0.014 U	<0.015 U	<0.016 U	0.023	<0.014 U	<0.013 U	<0.12 U	<0.013 U	<0.014 U	<0.13 U	<0.015 U	<0.015 U	<0.14 U	<0.014 U
Isophorone	78-59-1	NS		mg/kg	<2.2 U	<0.09 U	<0.093 U	<0.48 U	<0.096 U	<0.11 U	<0.9 U	<0.093 U	<0.089 U	<8.2 U	<0.089 U	<0.09 U	<0.45 U	<0.096 U	<0.1 U	<0.9 U	<0.092 U
Naphthalene	91-20-3	**0.03**	4	mg/kg	**2.2**	**0.043**	0.025	**0.086**	**1.9**	<0.012 U	**0.038**	<0.01 U	<0.0097 U	**2**	<0.01 U	<0.01 U	**<0.1 U**	<0.011 U	<0.011 U	**<0.1 U**	<0.01 U
Nitrobenzene	98-95-3	NS		mg/kg	<3.7 U	<0.15 U	<0.16 U	<0.81 U	<0.16 U	<0.18 U	<1.5 U	<0.16 U	<0.15 U	<14 U	<0.15 U	<0.15 U	<0.77 U	<0.16 U	<0.17 U	<1.5 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<2.4 U	<0.1 U	<0.1 U	<0.53 U	<0.11 U	<0.12 U	<1 U	<0.1 U	<0.1 U	<9.2 U	<0.099 U	<0.1 U	<0.5 U	<0.11 U	<0.11 U	<1 U	<0.1 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<2.3 U	<0.097 U	<0.1 U	<0.51 U	<0.1 U	<0.11 U	<0.97 U	<0.1 U	<0.096 U	<8.8 U	<0.096 U	<0.097 U	<0.48 U	<0.1 U	<0.11 U	<0.97 U	<0.099 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<2.3 U	<0.096 U	<0.1 U	<0.51 U	<0.1 U	<0.11 U	<0.97 U	<0.1 U	<0.095 U	<8.8 U	<0.095 U	<0.097 U	<0.48 U	<0.1 U	<0.11 U	<0.96 U	<0.099 U
Pentachlorophenol	87-86-5	NS		mg/kg	<50 U	<2.1 U	<2.1 U	<11 U	<2.2 U	<2.5 U	<21 U	<2.2 U	<2.1 U	<190 U	<2.1 U	<2.1 U	<10 U	<2.2 U	<2.4 U	<21 U	<2.1 U
Phenanthrene	85-01-8	NS		mg/kg	1.9	0.12	0.058	0.55 J	0.99	<0.02 U	0.048	<0.017 U	<0.016 U	3.1	<0.017 U	<0.017 U	<0.17 U	<0.018 U	<0.019 U	<0.17 U	<0.017 U
Phenol	108-95-2	NS		mg/kg	<2.7 U	<0.11 U	<0.11 U	<0.58 U	<0.12 U	<0.13 U	<1.1 U	<0.11 U	<0.11 U	<10 U	<0.11 U	<0.11 U	<0.55 U	<0.12 U	<0.13 U	<1.1 U	<0.11 U
Pyrene	129-00-0	44	4	mg/kg	0.2	0.013 J	0.011 J	0.027	0.054	<0.012 U	0.065	<0.0099 U	<0.0094 U	0.44	<0.0096 U	<0.0099 U	<0.097 U	<0.01 U	<0.011 U	<0.097 U	<0.01 U
Pyridine	110-86-1	NS		mg/kg	<6.4 U	<0.27 U	<0.28 U	<1.4 U	<0.29 U	<0.32 U	<2.7 U	<0.28 U	<0.26 U	<24 U	<0.26 U	<0.27 U	<1.3 U	<0.28 U	<0.3 U	<2.7 U	<0.27 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB18	SB19	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24
				Sample Name	SB18-14.0	SB19-2.0	SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0
				Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	14	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.15 U	<6.6 U	<0.14 U	<0.14 U	<0.67 U	<0.14 U	<0.13 U	<0.68 U	<0.15 U	<0.15 U	<0.68 U	<0.14 U	<0.14 U	<1.5 U	<0.14 U	<0.17 U	<0.65 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.11 U	**<4.6 U**	<0.095 U	<0.1 U	<0.47 U	<0.097 U	<0.094 U	<0.47 U	<0.1 U	<0.11 U	<0.48 U	<0.1 U	<0.097 U	<1 U	<0.099 U	<0.12 U	<0.46 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.13 U	<5.8 U	<0.12 U	<0.12 U	<0.59 U	<0.12 U	<0.12 U	<0.59 U	<0.13 U	<0.13 U	<0.6 U	<0.12 U	<0.12 U	<1.3 U	<0.12 U	<0.15 U	<0.57 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.12 U	**<5.3 U**	<0.11 U	<0.11 U	**<0.54 U**	<0.11 U	<0.11 U	**<0.54 U**	<0.12 U	<0.12 U	**<0.55 U**	<0.11 U	<0.11 U	**<1.2 U**	<0.11 U	<0.13 U	**<0.52 U**
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	0.023 J	**<0.59 U**	<0.012 U	<0.013 U	<0.061 U	<0.012 U	<0.011 U	**1.4**	**0.77**	<0.014 U	<0.012 U	<0.013 U	<0.012 U	<0.13 U	<0.013 U	<0.015 U	<0.058 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.25 U	<11 U	<0.22 U	<0.23 U	<1.1 U	<0.23 U	<0.22 U	<1.1 U	<0.24 U	<0.25 U	<1.1 U	<0.23 U	<0.22 U	<2.4 U	<0.23 U	<0.27 U	<1.1 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.15 U	<6.5 U	<0.13 U	<0.14 U	<0.66 U	<0.14 U	<0.13 U	<0.66 U	<0.15 U	<0.15 U	<0.67 U	<0.14 U	<0.14 U	<1.5 U	<0.14 U	<0.16 U	<0.64 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.17 U	<7.2 U	<0.15 U	<0.16 U	<0.74 U	<0.15 U	<0.15 U	<0.74 U	<0.16 U	<0.17 U	<0.75 U	<0.16 U	<0.15 U	<1.6 U	<0.16 U	<0.18 U	<0.72 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.16 U	<7.1 U	<0.15 U	<0.15 U	<0.72 U	<0.15 U	<0.14 U	<0.73 U	<0.16 U	<0.16 U	<0.73 U	<0.15 U	<0.15 U	<1.6 U	<0.15 U	<0.18 U	<0.7 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<1.1 U	<50 U	<1 U	<1.1 U	<5.1 U	<1 U	<1 U	<5.1 U	<1.1 U	<1.2 U	<5.2 U	<1.1 U	<1 U	<11 U	<1.1 U	<1.3 U	<4.9 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.1 U	<4.5 U	<0.092 U	<0.096 U	<0.46 U	<0.094 U	<0.091 U	<0.46 U	<0.1 U	<0.1 U	<0.46 U	<0.097 U	<0.093 U	<1 U	<0.096 U	<0.11 U	<0.44 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.14 U	<6.2 U	<0.13 U	<0.13 U	<0.63 U	<0.13 U	<0.12 U	<0.63 U	<0.14 U	<0.14 U	<0.64 U	<0.13 U	<0.13 U	<1.4 U	<0.13 U	<0.16 U	<0.61 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.11 U	<4.7 U	<0.097 U	<0.1 U	<0.48 U	<0.099 U	<0.096 U	<0.48 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.098 U	<1.1 U	<0.1 U	<0.12 U	<0.47 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.11 U	<4.8 U	<0.097 U	<0.1 U	<0.49 U	<0.1 U	<0.097 U	<0.49 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.099 U	<1.1 U	<0.1 U	<0.12 U	<0.47 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.17 U	<7.3 U	<0.15 U	<0.16 U	<0.75 U	<0.15 U	<0.15 U	<0.75 U	<0.16 U	<0.17 U	<0.76 U	<0.16 U	<0.15 U	<1.6 U	<0.16 U	<0.18 U	<0.72 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	<0.013 U	<0.57 U	<0.012 U	<0.012 U	<0.059 U	<0.012 U	<0.011 U	**1.5**	0.74	<0.013 U	<0.012 U	<0.012 U	<0.012 U	0.13 J	<0.013 U	<0.014 U	<0.056 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.12 U	<5.3 U	<0.11 U	<0.11 U	<0.54 U	<0.11 U	<0.11 U	<0.54 U	<0.12 U	<0.12 U	<0.55 U	<0.11 U	<0.11 U	<1.2 U	<0.11 U	<0.13 U	<0.52 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.11 U	<5 U	<0.1 U	<0.11 U	<0.51 U	<0.11 U	<0.1 U	<0.51 U	<0.11 U	<0.12 U	<0.52 U	<0.11 U	<0.1 U	<1.1 U	<0.11 U	<0.13 U	<0.5 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.17 U	<7.6 U	<0.16 U	<0.16 U	<0.78 U	<0.16 U	<0.15 U	<0.78 U	<0.17 U	<0.18 U	<0.79 U	<0.17 U	<0.16 U	<1.7 U	<0.16 U	<0.19 U	<0.75 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.13 U	<5.8 U	<0.12 U	<0.12 U	<0.59 U	<0.12 U	<0.12 U	<0.59 U	<0.13 U	<0.13 U	<0.6 U	<0.12 U	<0.12 U	<1.3 U	<0.12 U	<0.15 U	<0.57 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.67 U	<29 U	<0.6 U	<0.64 U	<3 U	<0.62 U	<0.6 U	<3 U	<0.67 U	<0.69 U	<3.1 U	<0.64 U	<0.61 U	<6.6 U	<0.63 U	<0.75 U	<2.9 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.1 U	<4.6 U	<0.094 U	<0.099 U	<0.47 U	<0.096 U	<0.093 U	<0.47 U	<0.1 U	<0.11 U	<0.48 U	<0.1 U	<0.096 U	<1 U	<0.098 U	<0.12 U	<0.45 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1.2 U	<52 U	<1.1 U	<1.1 U	<5.3 U	<1.1 U	<1.1 U	<5.3 U	<1.2 U	<1.2 U	<5.4 U	<1.1 U	<1.1 U	<12 U	<1.1 U	<1.3 U	<5.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.092 U	<4 U	<0.082 U	<0.087 U	<0.41 U	<0.084 U	<0.082 U	<0.41 U	<0.091 U	<0.093 U	<0.42 U	<0.087 U	<0.084 U	<0.9 U	<0.086 U	<0.1 U	<0.4 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.12 U	<5.1 U	<0.1 U	<0.11 U	<0.52 U	<0.11 U	<0.1 U	<0.52 U	<0.11 U	<0.12 U	<0.53 U	<0.11 U	<0.11 U	<1.1 U	<0.11 U	<0.13 U	<0.5 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.1 U	<4.5 U	<0.093 U	<0.098 U	<0.46 U	<0.095 U	<0.092 U	<0.46 U	<0.1 U	<0.11 U	<0.47 U	<0.098 U	<0.094 U	<1 U	<0.097 U	<0.11 U	<0.45 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.13 U	<5.5 U	<0.11 U	<0.12 U	<0.57 U	<0.12 U	<0.11 U	<0.57 U	<0.13 U	<0.13 U	<0.58 U	<0.12 U	<0.12 U	<1.2 U	<0.12 U	<0.14 U	<0.55 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.13 U	<5.6 U	<0.11 U	<0.12 U	<0.57 U	<0.12 U	<0.11 U	<0.57 U	<0.13 U	<0.13 U	<0.58 U	<0.12 U	<0.12 U	<1.3 U	<0.12 U	<0.14 U	<0.55 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.39 U	<17 U	<0.35 U	<0.37 U	<1.8 U	<0.36 U	<0.35 U	<1.8 U	<0.39 U	<0.4 U	<1.8 U	<0.37 U	<0.36 U	<3.9 U	<0.37 U	<0.44 U	<1.7 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.016 U	<0.71 U	<0.015 U	<0.015 U	<0.074 U	<0.015 U	<0.014 U	0.44	0.23	<0.017 U	<0.015 U	<0.015 U	<0.015 U	<0.16 U	<0.016 U	<0.018 U	<0.07 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.012 U	<0.52 U	<0.011 U	<0.011 U	<0.054 U	<0.011 U	<0.01 U	<0.11 U	<0.059 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.12 U	<0.012 U	<0.013 U	<0.052 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.12 U	<5.2 U	<0.11 U	<0.11 U	<0.54 U	<0.11 U	<0.11 U	<0.54 U	<0.12 U	<0.12 U	<0.54 U	<0.11 U	<0.11 U	<1.2 U	<0.11 U	<0.13 U	<0.52 U
Anthracene	120-12-7	2	4	mg/kg	<0.011 U	<0.48 U	<0.01 U	<0.01 U	<0.05 U	<0.0098 U	<0.0094 U	<0.1 U	<0.054 U	<0.011 U	<0.01 U	<0.011 U	<0.01 U	<0.11 U	<0.011 U	<0.012 U	<0.048 U
Azobenzene	103-33-3	NS		mg/kg	<0.098 U	<4.3 U	<0.088 U	<0.093 U	<0.44 U	<0.09 U	<0.087 U	<0.44 U	<0.097 U	<0.1 U	<0.45 U	<0.093 U	<0.09 U	<0.96 U	<0.092 U	<0.11 U	<0.43 U
Benzidine	92-87-5	NS		mg/kg	<0.72 U	<32 U	<0.65 U	<0.68 U	<3.2 U	<0.66 U	<0.64 U	<3.2 U	<0.71 U	<0.73 U	<3.3 U	<0.68 U	<0.66 U	<7.1 U	<0.68 U	<0.8 U	<3.1 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.01 U	0.57 J	<0.0092 U	<0.0094 U	<0.045 U	<0.0089 U	<0.0085 U	0.12 J	0.055 J	<0.01 U	<0.009 U	<0.0095 U	<0.0091 U	<0.098 U	<0.0096 U	<0.011 U	<0.043 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.01 U	**0.62 J**	<0.0094 U	<0.0095 U	<0.046 U	<0.009 U	<0.0086 U	<0.095 U	<0.05 U	<0.01 U	0.01 J	<0.0097 U	<0.0093 U	<0.1 U	<0.0098 U	<0.011 U	<0.044 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.019 U	<0.81 U	<0.017 U	<0.017 U	<0.084 U	<0.017 U	<0.016 U	<0.17 U	<0.091 U	<0.019 U	<0.017 U	<0.018 U	0.14 J	<0.18 U	<0.018 U	<0.02 U	<0.08 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.013 U	<0.58 U	<0.012 U	<0.012 U	<0.06 U	<0.012 U	<0.011 U	<0.12 U	<0.065 U	<0.013 U	0.013 J	<0.013 U	<0.012 U	<0.13 U	<0.013 U	<0.014 U	<0.057 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.021 U	<0.93 U	<0.02 U	<0.02 U	<0.097 U	<0.019 U	<0.018 U	<0.2 U	<0.1 U	<0.022 U	<0.019 U	<0.02 U	<0.02 U	<0.21 U	<0.021 U	<0.024 U	<0.093 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.84 U	<37 U	<0.76 U	<0.8 U	<3.8 U	<0.78 U	<0.75 U	<3.8 U	<0.83 U	<0.86 U	<3.8 U	<0.8 U	<0.77 U	<8.3 U	<0.79 U	<0.93 U	<3.6 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.21 U	<9.2 U	<0.19 U	<0.2 U	<0.94 U	<0.19 U	<0.19 U	<0.94 U	<0.21 U	<0.21 U	<0.95 U	<0.2 U	<0.19 U	<2.1 U	<0.2 U	<0.23 U	<0.91 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.29 U	<13 U	<0.26 U	<0.28 U	<1.3 U	<0.27 U	<0.26 U	<1.3 U	<0.29 U	<0.3 U	<1.3 U	<0.28 U	<0.27 U	<2.9 U	<0.28 U	<0.33 U	<1.3 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.14 U	<6.1 U	<0.12 U	<0.13 U	<0.62 U	<0.13 U	<0.12 U	<0.62 U	<0.14 U	<0.14 U	<0.63 U	<0.13 U	<0.13 U	<1.4 U	<0.13 U	<0.15 U	<0.6 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.13 U	<5.8 U	<0.12 U	<0.13 U	<0.59 U	<0.12 U	<0.12 U	<0.6 U	<0.13 U	<0.14 U	<0.6 U	<0.13 U	<0.12 U	<1.3 U	<0.12 U	<0.15 U	<0.57 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.15 U	<6.5 U	<0.13 U	<0.14 U	<0.66 U	<0.14 U	<0.13 U	<0.66 U	<0.15 U	<0.15 U	<0.67 U	<0.14 U	<0.14 U	<1.5 U	<0.14 U	<0.16 U	<0.64 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.27 U	<12 U	<0.25 U	<0.26 U	<1.2 U	<0.25 U	<0.24 U	<1.2 U	<0.27 U	<0.28 U	<1.2 U	<0.26 U	<0.25 U	<2.7 U	<0.26 U	<0.3 U	<1.2 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.0081 U	0.79 J	<0.0075 U	<0.0076 U	<0.037 U	<0.0072 U	<0.0069 U	0.21 J	0.12	<0.0083 U	0.018 J	<0.0077 U	<0.0074 U	0.11 J	<0.0078 U	<0.0089 U	<0.035 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	<0.014 U	**<0.6 U**	<0.013 U	<0.013 U	**<0.062 U**	<0.012 U	<0.012 U	**<0.13 U**	**<0.067 U**	<0.014 U	<0.012 U	<0.013 U	<0.013 U	**<0.13 U**	<0.013 U	<0.015 U	**<0.059 U**
Dibenzofuran	132-64-9	66	6	mg/kg	<0.12 U	<5.2 U	<0.11 U	<0.11 U	<0.53 U	<0.11 U	<0.11 U	<0.53 U	<0.12 U	<0.12 U	<0.54 U	<0.11 U	<0.11 U	<1.2 U	<0.11 U	<0.13 U	<0.51 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.14 U	<6.1 U	<0.12 U	<0.13 U	<0.62 U	<0.13 U	<0.12 U	<0.62 U	<0.14 U	<0.14 U	<0.63 U	<0.13 U	<0.13 U	<1.4 U	<0.13 U	<0.15 U	<0.6 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB18	SB19	SB19	SB19	SB20	SB20	SB20	SB21	SB21	SB21	SB22	SB22	SB22	SB23	SB23	SB23	SB24
				Sample Name	SB18-14.0	SB19-2.0	SB19-5.0	SB19-15.0	SB20-2.0	SB20-5.0	SB20-15.0	SB21-2.0	SB21-5.0	SB21-15.0	SB22-2.0	SB22-5.0	SB22-15.0	SB23-2.0	SB23-5.0	SB23-15.0	SB24-2.0
				Sample Date	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024	12/03/2024
				Sample Depth	14	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<0.14 U	<6.3 U	<0.13 U	<0.14 U	<0.65 U	<0.13 U	<0.13 U	<0.65 U	<0.14 U	<0.15 U	<0.65 U	<0.14 U	<0.13 U	<1.4 U	<0.14 U	<0.16 U	<0.62 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.12 U	<5.4 U	<0.11 U	<0.12 U	<0.55 U	<0.11 U	<0.11 U	<0.55 U	<0.12 U	<0.13 U	<0.56 U	<0.12 U	<0.11 U	<1.2 U	<0.12 U	<0.14 U	<0.53 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.29 U	<13 U	<0.26 U	<0.28 U	<1.3 U	<0.27 U	<0.26 U	<1.3 U	<0.29 U	<0.3 U	<1.3 U	<0.28 U	<0.27 U	<2.9 U	<0.27 U	<0.32 U	<1.3 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.01 U	0.96 J	<0.0092 U	<0.0094 U	<0.045 U	<0.0089 U	<0.0085 U	<0.093 U	<0.049 U	<0.01 U	0.019 J	<0.0095 U	<0.0092 U	<0.098 U	<0.0096 U	<0.011 U	<0.043 U
Fluorene	86-73-7	5.9	[4]	mg/kg	0.013 J	<0.53 U	<0.011 U	<0.011 U	<0.055 U	<0.011 U	<0.01 U	0.47	0.27	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.12 U	<0.012 U	<0.013 U	<0.052 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.1 U	<4.4 U	<0.09 U	<0.095 U	<0.45 U	<0.092 U	<0.089 U	<0.45 U	<0.099 U	<0.1 U	<0.46 U	<0.095 U	<0.092 U	<0.98 U	<0.094 U	<0.11 U	<0.43 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.16 U	<6.9 U	<0.14 U	<0.15 U	<0.7 U	<0.14 U	<0.14 U	<0.7 U	<0.16 U	<0.16 U	<0.71 U	<0.15 U	<0.14 U	<1.5 U	<0.15 U	<0.17 U	<0.68 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.11 U	<4.7 U	<0.097 U	<0.1 U	<0.49 U	<0.1 U	<0.096 U	<0.49 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.099 U	<1.1 U	<0.1 U	<0.12 U	<0.47 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.11 U	<5 U	<0.1 U	<0.11 U	<0.52 U	<0.11 U	<0.1 U	<0.52 U	<0.11 U	<0.12 U	<0.52 U	<0.11 U	<0.11 U	<1.1 U	<0.11 U	<0.13 U	<0.5 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.015 U	<0.66 U	<0.014 U	<0.014 U	<0.068 U	<0.013 U	<0.013 U	<0.14 U	<0.074 U	<0.015 U	<0.014 U	<0.014 U	<0.014 U	<0.15 U	<0.014 U	<0.017 U	<0.065 U
Isophorone	78-59-1	NS		mg/kg	<0.099 U	<4.4 U	<0.089 U	<0.094 U	<0.45 U	<0.092 U	<0.089 U	<0.45 U	<0.099 U	<0.1 U	<0.45 U	<0.095 U	<0.091 U	<0.98 U	<0.094 U	<0.11 U	<0.43 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	<0.011 U	**<0.49 U**	0.01 J	<0.01 U	**<0.05 U**	<0.0099 U	<0.0094 U	**0.41**	**0.24**	<0.011 U	<0.01 U	<0.011 U	<0.01 U	**<0.11 U**	<0.011 U	<0.012 U	**<0.048 U**
Nitrobenzene	98-95-3	NS		mg/kg	<0.17 U	<7.5 U	<0.15 U	<0.16 U	<0.76 U	<0.16 U	<0.15 U	<0.77 U	<0.17 U	<0.17 U	<0.77 U	<0.16 U	<0.16 U	<1.7 U	<0.16 U	<0.19 U	<0.74 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.11 U	<4.9 U	<0.1 U	<0.11 U	<0.5 U	<0.1 U	<0.099 U	<0.5 U	<0.11 U	<0.11 U	<0.51 U	<0.11 U	<0.1 U	<1.1 U	<0.1 U	<0.12 U	<0.48 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.11 U	<4.7 U	<0.096 U	<0.1 U	<0.48 U	<0.099 U	<0.095 U	<0.48 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.098 U	<1.1 U	<0.1 U	<0.12 U	<0.46 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.11 U	<4.7 U	<0.096 U	<0.1 U	<0.48 U	<0.098 U	<0.095 U	<0.48 U	<0.11 U	<0.11 U	<0.49 U	<0.1 U	<0.098 U	<1 U	<0.1 U	<0.12 U	<0.46 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2.3 U	<100 U	<2.1 U	<2.2 U	<10 U	<2.1 U	<2.1 U	<10 U	<2.3 U	<2.3 U	<10 U	<2.2 U	<2.1 U	<23 U	<2.2 U	<2.6 U	<10 U
Phenanthrene	85-01-8	NS		mg/kg	<0.019 U	<0.81 U	<0.017 U	<0.018 U	<0.084 U	<0.017 U	<0.016 U	0.94	0.48	<0.019 U	0.023	<0.018 U	<0.017 U	<0.18 U	<0.018 U	<0.021 U	<0.081 U
Phenol	108-95-2	NS		mg/kg	<0.12 U	<5.3 U	<0.11 U	<0.12 U	<0.55 U	<0.11 U	<0.11 U	<0.55 U	<0.12 U	<0.12 U	<0.55 U	<0.12 U	<0.11 U	<1.2 U	<0.11 U	<0.13 U	<0.53 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.011 U	1.2	<0.0099 U	<0.01 U	<0.049 U	<0.0096 U	<0.0091 U	0.18 J	0.079 J	<0.011 U	0.016 J	<0.01 U	<0.0099 U	<0.11 U	<0.01 U	<0.012 U	<0.047 U
Pyridine	110-86-1	NS		mg/kg	<0.3 U	<13 U	<0.27 U	<0.28 U	<1.3 U	<0.27 U	<0.26 U	<1.3 U	<0.29 U	<0.3 U	<1.3 U	<0.28 U	<0.27 U	<2.9 U	<0.28 U	<0.33 U	<1.3 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB24	SB24	SB25	SB25	SB25	SB26	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29
				Sample Name	SB24-5.0	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0	SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0
				Sample Date	12/03/2024	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	1	5	15	2	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.14 U	<0.16 U	<0.15 U	<0.14 U	<0.16 U	<1.4 U	<0.15 U	<0.15 U	<1.6 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.15 U	<3.2 U	<0.13 U	<0.14 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.097 U	<0.11 U	<0.11 U	<0.095 U	<0.11 U	<0.98 U	<0.11 U	<0.1 U	<1.1 U	<0.096 U	<0.11 U	<0.096 U	<0.095 U	<0.1 U	**<2.3 U**	<0.094 U	<0.1 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.12 U	<0.14 U	<0.13 U	<0.12 U	<0.14 U	<1.2 U	<0.13 U	<0.13 U	<1.4 U	<0.12 U	<0.14 U	<0.12 U	<0.12 U	<0.13 U	<2.8 U	<0.12 U	<0.12 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.13 U	**<1.1 U**	<0.12 U	<0.12 U	**<1.2 U**	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	**<2.6 U**	<0.11 U	<0.11 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	0.043	<0.014 U	<0.014 U	<0.012 U	<0.014 U	**5.2**	0.015 J	<0.013 U	<0.14 U	<0.012 U	<0.014 U	<0.012 U	<0.012 U	<0.013 U	**7.8**	<0.012 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.23 U	<0.26 U	<0.25 U	<0.22 U	<0.26 U	<2.3 U	<0.24 U	<0.24 U	<2.5 U	<0.22 U	<0.26 U	<0.22 U	<0.22 U	<0.24 U	<5.3 U	<0.22 U	<0.23 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.14 U	<0.16 U	<0.15 U	<0.13 U	<0.15 U	<1.4 U	<0.15 U	<0.14 U	<1.5 U	<0.13 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<3.2 U	<0.13 U	<0.14 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.15 U	<0.18 U	<0.17 U	<0.15 U	<0.17 U	<1.5 U	<0.16 U	<0.16 U	<1.7 U	<0.15 U	<0.17 U	<0.15 U	<0.15 U	<0.16 U	<3.5 U	<0.15 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.17 U	<1.5 U	<0.16 U	<0.16 U	<1.7 U	<0.15 U	<0.17 U	<0.15 U	<0.15 U	<0.16 U	<3.5 U	<0.14 U	<0.15 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<1.1 U	<1.2 U	<1.2 U	<1 U	<1.2 U	<11 U	<1.1 U	<1.1 U	<12 U	<1 U	<1.2 U	<1 U	<1 U	<1.1 U	<24 U	<1 U	<1.1 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.094 U	<0.11 U	<0.1 U	<0.092 U	<0.11 U	<0.95 U	<0.1 U	<0.098 U	<1.1 U	<0.092 U	<0.11 U	<0.092 U	<0.092 U	<0.099 U	<2.2 U	<0.091 U	<0.096 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.13 U	<0.15 U	<0.14 U	<0.13 U	<0.15 U	<1.3 U	<0.14 U	<0.14 U	<1.5 U	<0.13 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<3 U	<0.13 U	<0.13 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.099 U	<0.11 U	<0.11 U	<0.097 U	<0.11 U	<1 U	<0.11 U	<0.1 U	<1.1 U	<0.098 U	<0.11 U	<0.097 U	<0.097 U	<0.1 U	<2.3 U	<0.096 U	<0.1 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.097 U	<0.11 U	<1 U	<0.11 U	<0.1 U	<1.1 U	<0.098 U	<0.11 U	<0.098 U	<0.098 U	<0.11 U	<2.3 U	<0.097 U	<0.1 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.15 U	<0.18 U	<0.17 U	<0.15 U	<0.17 U	<1.6 U	<0.17 U	<0.16 U	<1.7 U	<0.15 U	<0.17 U	<0.15 U	<0.15 U	<0.16 U	<3.6 U	<0.15 U	<0.16 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	0.014 J	<0.014 U	<0.013 U	<0.012 U	<0.014 U	**6.4**	0.018 J	<0.013 U	<0.14 U	<0.012 U	<0.014 U	<0.011 U	<0.012 U	<0.012 U	**12**	<0.012 U	<0.012 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.13 U	<1.1 U	<0.12 U	<0.12 U	<1.3 U	<0.11 U	<0.13 U	<0.11 U	<0.11 U	<0.12 U	<2.6 U	<0.11 U	<0.11 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.1 U	<0.12 U	<1.1 U	<0.11 U	<0.11 U	<1.2 U	<0.1 U	<0.12 U	<0.1 U	<0.1 U	<0.11 U	<2.5 U	<0.1 U	<0.11 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.16 U	<0.18 U	<0.18 U	<0.16 U	<0.18 U	<1.6 U	<0.17 U	<0.17 U	<1.8 U	<0.16 U	<0.18 U	<0.16 U	<0.16 U	<0.17 U	<3.7 U	<0.16 U	<0.16 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.12 U	<0.14 U	<0.13 U	<0.12 U	<0.14 U	<1.2 U	<0.13 U	<0.13 U	<1.4 U	<0.12 U	<0.14 U	<0.12 U	<0.12 U	<0.13 U	<2.8 U	<0.12 U	<0.12 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.62 U	<0.71 U	<0.68 U	<0.6 U	<0.7 U	<6.3 U	<0.67 U	<0.65 U	<7 U	<0.61 U	<0.7 U	<0.61 U	<0.61 U	<0.65 U	<14 U	<0.6 U	<0.64 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.097 U	<0.11 U	<0.11 U	<0.094 U	<0.11 U	<0.98 U	<0.1 U	<0.1 U	<1.1 U	<0.095 U	<0.11 U	<0.095 U	<0.094 U	<0.1 U	<2.2 U	<0.094 U	<0.099 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1.1 U	<1.3 U	<1.2 U	<1.1 U	<1.2 U	<11 U	<1.2 U	<1.1 U	<12 U	<1.1 U	<1.2 U	<1.1 U	<1.1 U	<1.1 U	<25 U	<1.1 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.085 U	<0.097 U	<0.093 U	<0.082 U	<0.096 U	<0.85 U	<0.091 U	<0.089 U	<0.95 U	<0.083 U	<0.095 U	<0.083 U	<0.082 U	<0.089 U	<2 U	<0.082 U	<0.087 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.1 U	<0.12 U	<1.1 U	<0.12 U	<0.11 U	<1.2 U	<0.11 U	<0.12 U	<0.11 U	<0.1 U	<0.11 U	<2.5 U	<0.1 U	<0.11 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.095 U	<0.11 U	<0.1 U	<0.093 U	<0.11 U	<0.96 U	<0.1 U	<0.1 U	<1.1 U	<0.094 U	<0.11 U	<0.093 U	<0.093 U	<0.1 U	<2.2 U	<0.092 U	<0.098 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<0.11 U	<0.13 U	<1.2 U	<0.13 U	<0.12 U	<1.3 U	<0.11 U	<0.13 U	<0.11 U	<0.11 U	<0.12 U	<2.7 U	<0.11 U	<0.12 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.12 U	<0.14 U	<0.13 U	<0.11 U	<0.13 U	<1.2 U	<0.13 U	<0.12 U	<1.3 U	<0.12 U	<0.13 U	<0.12 U	<0.11 U	<0.12 U	<2.7 U	<0.11 U	<0.12 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.36 U	<0.42 U	<0.4 U	<0.35 U	<0.41 U	<3.7 U	<0.39 U	<0.38 U	<4.1 U	<0.36 U	<0.41 U	<0.36 U	<0.35 U	<0.38 U	<8.5 U	<0.35 U	<0.37 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.015 U	<0.017 U	<0.017 U	<0.015 U	<0.017 U	0.35	<0.016 U	<0.016 U	<0.17 U	<0.015 U	<0.017 U	<0.014 U	<0.015 U	<0.015 U	0.65	<0.015 U	<0.016 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.011 U	<0.013 U	<0.012 U	<0.011 U	<0.013 U	<0.11 U	<0.012 U	<0.012 U	<0.13 U	<0.011 U	<0.013 U	<0.011 U	<0.011 U	<0.011 U	<0.26 U	<0.011 U	<0.011 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.12 U	<0.12 U	<1.2 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<2.6 U	<0.11 U	<0.11 U
Anthracene	120-12-7	2	4	mg/kg	<0.01 U	<0.012 U	<0.011 U	<0.0099 U	<0.012 U	0.21 J	<0.011 U	<0.011 U	<0.12 U	<0.01 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U	<0.24 U	<0.0099 U	<0.011 U
Azobenzene	103-33-3	NS		mg/kg	<0.091 U	<0.1 U	<0.1 U	<0.088 U	<0.1 U	<0.92 U	<0.098 U	<0.095 U	<1 U	<0.089 U	<0.1 U	<0.089 U	<0.088 U	<0.095 U	<2.1 U	<0.088 U	<0.093 U
Benzidine	92-87-5	NS		mg/kg	<0.66 U	<0.76 U	<0.73 U	<0.65 U	<0.75 U	<6.7 U	<0.72 U	<0.7 U	<7.5 U	<0.65 U	<0.75 U	<0.65 U	<0.65 U	<0.7 U	<15 U	<0.64 U	<0.68 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.0094 U	<0.011 U	<0.01 U	<0.009 U	<0.01 U	<0.093 U	<0.01 U	<0.0096 U	<0.1 U	<0.0091 U	<0.01 U	<0.0088 U	<0.0091 U	<0.0094 U	<0.21 U	<0.0089 U	<0.0095 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.0096 U	<0.011 U	<0.01 U	<0.0091 U	<0.011 U	<0.095 U	<0.01 U	<0.0098 U	<0.11 U	<0.0092 U	<0.011 U	<0.0089 U	<0.0092 U	<0.0096 U	**<0.22 U**	<0.0091 U	<0.0097 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.018 U	<0.02 U	<0.019 U	<0.017 U	<0.019 U	<0.17 U	<0.019 U	<0.018 U	<0.19 U	<0.017 U	<0.019 U	<0.016 U	<0.017 U	<0.018 U	<0.4 U	<0.017 U	<0.018 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.012 U	<0.014 U	<0.013 U	<0.012 U	<0.014 U	<0.12 U	<0.013 U	<0.013 U	<0.14 U	<0.012 U	<0.014 U	<0.012 U	<0.012 U	<0.012 U	<0.28 U	<0.012 U	<0.013 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.02 U	<0.023 U	<0.022 U	<0.019 U	<0.022 U	<0.2 U	<0.021 U	<0.021 U	<0.22 U	<0.019 U	<0.022 U	<0.019 U	<0.019 U	<0.02 U	<0.46 U	<0.019 U	<0.02 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.78 U	<0.89 U	<0.86 U	<0.76 U	<0.88 U	<7.9 U	<0.84 U	<0.81 U	<8.8 U	<0.76 U	<0.88 U	<0.76 U	<0.76 U	<0.82 U	<18 U	<0.75 U	<0.8 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.19 U	<0.22 U	<0.21 U	<0.19 U	<0.22 U	<1.9 U	<0.21 U	<0.2 U	<2.2 U	<0.19 U	<0.22 U	<0.19 U	<0.19 U	<0.2 U	<4.5 U	<0.19 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.27 U	<0.31 U	<0.3 U	<0.26 U	<0.31 U	<2.7 U	<0.29 U	<0.28 U	<3.1 U	<0.27 U	<0.31 U	<0.27 U	<0.26 U	<0.28 U	<6.3 U	<0.26 U	<0.28 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.13 U	<0.15 U	<0.14 U	<0.12 U	<0.15 U	<1.3 U	<0.14 U	<0.13 U	<1.4 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<3 U	<0.12 U	<0.13 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.12 U	<0.14 U	<0.13 U	<0.12 U	<0.14 U	<1.2 U	<0.13 U	<0.13 U	<1.4 U	<0.12 U	<0.14 U	<0.12 U	<0.12 U	<0.13 U	<2.9 U	<0.12 U	<0.13 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.14 U	<0.16 U	<0.15 U	<0.13 U	<0.15 U	<1.4 U	<0.15 U	<0.14 U	<1.5 U	<0.13 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<3.2 U	<0.13 U	<0.14 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.25 U	<0.29 U	<0.28 U	<0.25 U	<0.29 U	<2.5 U	<0.27 U	<0.26 U	<2.8 U	<0.25 U	<0.28 U	<0.25 U	<0.25 U	<0.26 U	<5.9 U	<0.24 U	<0.26 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.0076 U	<0.0086 U	<0.0082 U	<0.0073 U	<0.0085 U	0.26	<0.0081 U	<0.0078 U	<0.084 U	<0.0073 U	<0.0084 U	<0.0071 U	<0.0074 U	<0.0076 U	0.23 J	<0.0072 U	<0.0077 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	<0.013 U	<0.015 U	<0.014 U	<0.012 U	<0.014 U	**<0.13 U**	<0.014 U	<0.013 U	**<0.14 U**	<0.012 U	<0.014 U	<0.012 U	<0.012 U	<0.013 U	**<0.29 U**	<0.012 U	<0.013 U
Dibenzofuran	132-64-9	66	6	mg/kg	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.12 U	<1.1 U	<0.12 U	<0.11 U	<1.2 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<2.5 U	<0.11 U	<0.11 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.13 U	<0.15 U	<0.14 U	<0.12 U	<0.15 U	<1.3 U	<0.14 U	<0.13 U	<1.4 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<3 U	<0.12 U	<0.13 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB24	SB24	SB25	SB25	SB25	SB26	SB26	SB26	SB27	SB27	SB27	SB28	SB28	SB28	SB29	SB29	SB29
				Sample Name	SB24-5.0	SB24-15.0	SB25-2.0	SB25-5.0	SB25-15.0	SB26-2.0	SB26-5.0	SB26-15.0	SB27-1.0	SB27-5.0	SB27-15.0	SB28-2.0	SB28-5.0	SB28-15.0	SB29-2.0	SB29-5.0	SB29-15.0
				Sample Date	12/03/2024	12/03/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/03/2024	12/03/2024	12/03/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	1	5	15	2	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<0.13 U	<0.15 U	<0.15 U	<0.13 U	<0.15 U	<1.3 U	<0.14 U	<0.14 U	<1.5 U	<0.13 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<3.1 U	<0.13 U	<0.14 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.11 U	<0.13 U	<0.13 U	<0.11 U	<0.13 U	<1.1 U	<0.12 U	<0.12 U	<1.3 U	<0.11 U	<0.13 U	<0.11 U	<0.11 U	<0.12 U	<2.6 U	<0.11 U	<0.12 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.27 U	<0.31 U	<0.29 U	<0.26 U	<0.3 U	<2.7 U	<0.29 U	<0.28 U	<3 U	<0.26 U	<0.3 U	<0.26 U	<0.26 U	<0.28 U	<6.2 U	<0.26 U	<0.28 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.0094 U	<0.011 U	<0.01 U	<0.009 U	<0.01 U	0.13 J	<0.01 U	<0.0097 U	<0.1 U	<0.0091 U	<0.01 U	<0.0088 U	<0.0091 U	<0.0094 U	<0.21 U	<0.009 U	<0.0095 U
Fluorene	86-73-7	5.9	[4]	mg/kg	<0.011 U	<0.013 U	<0.012 U	<0.011 U	<0.013 U	0.6	<0.012 U	<0.012 U	<0.13 U	<0.011 U	<0.013 U	<0.011 U	<0.011 U	<0.011 U	0.54	<0.011 U	<0.012 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.093 U	<0.11 U	<0.1 U	<0.09 U	<0.1 U	<0.93 U	<0.1 U	<0.097 U	<1 U	<0.091 U	<0.1 U	<0.091 U	<0.09 U	<0.097 U	<2.2 U	<0.09 U	<0.095 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.14 U	<0.17 U	<0.16 U	<0.14 U	<0.16 U	<1.5 U	<0.16 U	<0.15 U	<1.6 U	<0.14 U	<0.16 U	<0.14 U	<0.14 U	<0.15 U	<3.4 U	<0.14 U	<0.15 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.097 U	<0.11 U	<1 U	<0.11 U	<0.1 U	<1.1 U	<0.098 U	<0.11 U	<0.098 U	<0.097 U	<0.1 U	<2.3 U	<0.097 U	<0.1 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.1 U	<0.12 U	<1.1 U	<0.11 U	<0.11 U	<1.2 U	<0.1 U	<0.12 U	<0.1 U	<0.1 U	<0.11 U	<2.5 U	<0.1 U	<0.11 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.014 U	<0.016 U	<0.015 U	<0.014 U	<0.016 U	<0.14 U	<0.015 U	<0.014 U	<0.16 U	<0.014 U	<0.016 U	<0.013 U	<0.014 U	<0.014 U	<0.32 U	<0.013 U	<0.014 U
Isophorone	78-59-1	NS		mg/kg	<0.092 U	<0.11 U	<0.1 U	<0.089 U	<0.1 U	<0.93 U	<0.099 U	<0.096 U	<1 U	<0.09 U	<0.1 U	<0.09 U	<0.09 U	<0.096 U	<2.1 U	<0.089 U	<0.094 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	<0.011 U	<0.012 U	<0.011 U	<0.01 U	<0.012 U	**2.3**	<0.011 U	<0.011 U	**<0.12 U**	<0.01 U	<0.012 U	<0.0098 U	<0.01 U	<0.01 U	**2.7**	<0.01 U	<0.011 U
Nitrobenzene	98-95-3	NS		mg/kg	<0.16 U	<0.18 U	<0.17 U	<0.15 U	<0.18 U	<1.6 U	<0.17 U	<0.16 U	<1.8 U	<0.15 U	<0.18 U	<0.15 U	<0.15 U	<0.16 U	<3.7 U	<0.15 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.1 U	<0.12 U	<0.11 U	<0.1 U	<0.12 U	<1 U	<0.11 U	<0.11 U	<1.2 U	<0.1 U	<0.12 U	<0.1 U	<0.1 U	<0.11 U	<2.4 U	<0.1 U	<0.11 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.099 U	<0.11 U	<0.11 U	<0.096 U	<0.11 U	<1 U	<0.11 U	<0.1 U	<1.1 U	<0.097 U	<0.11 U	<0.097 U	<0.096 U	<0.1 U	<2.3 U	<0.096 U	<0.1 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.099 U	<0.11 U	<0.11 U	<0.096 U	<0.11 U	<1 U	<0.11 U	<0.1 U	<1.1 U	<0.097 U	<0.11 U	<0.097 U	<0.096 U	<0.1 U	<2.3 U	<0.096 U	<0.1 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2.1 U	<2.4 U	<2.3 U	<2.1 U	<2.4 U	<21 U	<2.3 U	<2.2 U	<24 U	<2.1 U	<2.4 U	<2.1 U	<2.1 U	<2.2 U	<49 U	<2.1 U	<2.2 U
Phenanthrene	85-01-8	NS		mg/kg	<0.018 U	<0.02 U	<0.019 U	<0.017 U	<0.02 U	0.9	<0.019 U	<0.018 U	<0.19 U	<0.017 U	<0.019 U	<0.016 U	<0.017 U	<0.018 U	1.1	<0.017 U	<0.018 U
Phenol	108-95-2	NS		mg/kg	<0.11 U	<0.13 U	<0.12 U	<0.11 U	<0.13 U	<1.1 U	<0.12 U	<0.12 U	<1.3 U	<0.11 U	<0.13 U	<0.11 U	<0.11 U	<0.12 U	<2.6 U	<0.11 U	<0.12 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.01 U	<0.012 U	<0.011 U	<0.0097 U	<0.011 U	0.18 J	<0.011 U	<0.01 U	<0.11 U	<0.0098 U	<0.011 U	<0.0095 U	<0.0098 U	<0.01 U	0.31 J	<0.0097 U	<0.01 U
Pyridine	110-86-1	NS		mg/kg	<0.27 U	<0.31 U	<0.3 U	<0.27 U	<0.31 U	<2.8 U	<0.29 U	<0.29 U	<3.1 U	<0.27 U	<0.31 U	<0.27 U	<0.27 U	<0.29 U	<6.3 U	<0.26 U	<0.28 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32	SB32	SB33	SB33	SB33	SB34	SB34	SB34	SB35	SB35
				Sample Name	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5	SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0
				Sample Date	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024
				Sample Depth	2	5	15	2	6	15	2	5	15	1.5	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.13 U	<0.14 U	<0.14 U	<6.6 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<13 U	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<6.6 U	<0.13 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.094 U	<0.096 U	<0.1 U	**<4.6 U**	<0.096 U	<0.099 U	<0.095 U	<0.096 U	<0.1 U	**<8.9 U**	<0.093 U	<0.097 U	<0.095 U	<0.097 U	<0.1 U	**<4.6 U**	<0.094 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.11 U	<0.11 U	<0.11 U	**<5.3 U**	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	**<10 U**	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	**<5.3 U**	<0.11 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	<0.012 U	<0.012 U	<0.013 U	**8.2**	<0.012 U	<0.013 U	<0.012 U	<0.012 U	<0.013 U	**3.5**	<0.012 U	<0.013 U	<0.012 U	<0.012 U	<0.013 U	**3.5**	<0.012 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.22 U	<0.22 U	<0.23 U	<11 U	<0.22 U	<0.23 U	<0.22 U	<0.22 U	<0.24 U	<21 U	<0.22 U	<0.23 U	<0.22 U	<0.22 U	<0.23 U	<11 U	<0.22 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<6.5 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.14 U	<6.5 U	<0.13 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.15 U	<0.15 U	<0.16 U	<7.3 U	<0.15 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<7.2 U	<0.15 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.14 U	<0.15 U	<0.15 U	<7.1 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<14 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<7.1 U	<0.14 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<1 U	<1 U	<1.1 U	<50 U	<1 U	<1.1 U	<1 U	<1 U	<1.1 U	<96 U	<1 U	<1.1 U	<1 U	<1 U	<1.1 U	<50 U	<1 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.09 U	<0.093 U	<0.097 U	<4.5 U	<0.093 U	<0.096 U	<0.092 U	<0.092 U	<0.1 U	<8.6 U	<0.09 U	<0.094 U	<0.092 U	<0.093 U	<0.097 U	<4.5 U	<0.091 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<6.2 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<6.1 U	<0.12 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.096 U	<0.098 U	<0.1 U	<4.7 U	<0.098 U	<0.1 U	<0.097 U	<0.098 U	<0.11 U	<9.1 U	<0.095 U	<0.099 U	<0.097 U	<0.099 U	<0.1 U	<4.7 U	<0.096 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.096 U	<0.099 U	<0.1 U	<4.8 U	<0.099 U	<0.1 U	<0.098 U	<0.098 U	<0.11 U	<9.2 U	<0.096 U	<0.1 U	<0.098 U	<0.099 U	<0.1 U	<4.7 U	<0.096 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.15 U	<0.15 U	<0.16 U	<7.3 U	<0.15 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<7.3 U	<0.15 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	<0.012 U	<0.012 U	<0.012 U	**12**	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	**3.7**	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	**3.7**	<0.012 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<5.3 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<10 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<5.3 U	<0.11 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<5 U	<0.1 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<9.7 U	<0.1 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<5 U	<0.1 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.15 U	<0.16 U	<0.17 U	<7.6 U	<0.16 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<15 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.17 U	<7.6 U	<0.15 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.6 U	<0.61 U	<0.64 U	<30 U	<0.61 U	<0.63 U	<0.61 U	<0.61 U	<0.66 U	<57 U	<0.59 U	<0.62 U	<0.61 U	<0.62 U	<0.64 U	<29 U	<0.6 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.093 U	<0.096 U	<0.1 U	<4.6 U	<0.096 U	<0.098 U	<0.095 U	<0.095 U	<0.1 U	<8.9 U	<0.092 U	<0.097 U	<0.094 U	<0.096 U	<0.1 U	<4.6 U	<0.093 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1.1 U	<1.1 U	<1.1 U	<52 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.2 U	<100 U	<1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<52 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.081 U	<0.084 U	<0.087 U	<4 U	<0.084 U	<0.086 U	<0.083 U	<0.083 U	<0.09 U	<7.7 U	<0.081 U	<0.085 U	<0.083 U	<0.084 U	<0.087 U	<4 U	<0.082 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<5.1 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<9.8 U	<0.1 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<5.1 U	<0.1 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.092 U	<0.094 U	<0.098 U	<4.5 U	<0.094 U	<0.097 U	<0.093 U	<0.094 U	<0.1 U	<8.7 U	<0.091 U	<0.095 U	<0.093 U	<0.094 U	<0.098 U	<4.5 U	<0.092 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<5.6 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<11 U	<0.11 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<5.5 U	<0.11 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<5.6 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<11 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<5.6 U	<0.11 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.35 U	<0.36 U	<0.38 U	<17 U	<0.36 U	<0.37 U	<0.36 U	<0.36 U	<0.39 U	<33 U	<0.35 U	<0.36 U	<0.36 U	<0.36 U	<0.38 U	<17 U	<0.35 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.015 U	<0.015 U	<0.016 U	0.48 J	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.016 U	0.7	<0.014 U	<0.015 U	<0.015 U	<0.015 U	<0.016 U	<0.35 U	<0.015 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.011 U	<0.011 U	<0.011 U	<0.26 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.012 U	<0.25 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.26 U	<0.011 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<5.2 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<10 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<5.2 U	<0.11 U
Anthracene	120-12-7	2	4	mg/kg	<0.0099 U	<0.01 U	<0.011 U	<0.24 U	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.011 U	<0.23 U	<0.0098 U	<0.01 U	<0.01 U	<0.01 U	<0.011 U	<0.24 U	<0.0099 U
Azobenzene	103-33-3	NS		mg/kg	<0.087 U	<0.09 U	<0.094 U	<4.3 U	<0.09 U	<0.092 U	<0.089 U	<0.089 U	<0.096 U	<8.3 U	<0.087 U	<0.091 U	<0.089 U	<0.09 U	<0.094 U	<4.3 U	<0.087 U
Benzidine	92-87-5	NS		mg/kg	<0.64 U	<0.66 U	<0.69 U	<32 U	<0.66 U	<0.68 U	<0.65 U	<0.65 U	<0.71 U	<61 U	<0.64 U	<0.66 U	<0.65 U	<0.66 U	<0.69 U	<32 U	<0.64 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.0089 U	<0.009 U	<0.0095 U	<0.22 U	<0.0092 U	<0.0094 U	<0.009 U	<0.0092 U	<0.0098 U	<0.21 U	<0.0088 U	<0.0092 U	<0.009 U	<0.0092 U	<0.0095 U	<0.22 U	<0.009 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.0091 U	<0.0092 U	<0.0097 U	**<0.22 U**	<0.0094 U	<0.0096 U	<0.0092 U	<0.0093 U	<0.01 U	**<0.21 U**	<0.009 U	<0.0094 U	<0.0092 U	<0.0093 U	<0.0097 U	**<0.22 U**	<0.0091 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.017 U	<0.017 U	<0.018 U	<0.41 U	<0.017 U	<0.018 U	<0.017 U	<0.017 U	<0.018 U	<0.39 U	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.018 U	<0.4 U	<0.017 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.012 U	<0.012 U	<0.013 U	<0.29 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	<0.28 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	<0.29 U	<0.012 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.019 U	<0.019 U	<0.02 U	<0.47 U	<0.02 U	<0.02 U	<0.019 U	<0.02 U	<0.021 U	<0.45 U	<0.019 U	<0.02 U	<0.019 U	<0.02 U	<0.02 U	<0.47 U	<0.019 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.75 U	<0.77 U	<0.8 U	<37 U	<0.77 U	<0.79 U	<0.76 U	<0.76 U	<0.83 U	<71 U	<0.74 U	<0.78 U	<0.76 U	<0.77 U	<0.8 U	<37 U	<0.75 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.19 U	<0.19 U	<0.2 U	<9.2 U	<0.19 U	<0.2 U	<0.19 U	<0.19 U	<0.21 U	<18 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.2 U	<9.2 U	<0.19 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.26 U	<0.27 U	<0.28 U	<13 U	<0.27 U	<0.28 U	<0.27 U	<0.27 U	<0.29 U	<25 U	<0.26 U	<0.27 U	<0.27 U	<0.27 U	<0.28 U	<13 U	<0.26 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<6.1 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<6.1 U	<0.12 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<5.8 U	<0.12 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<6.5 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.14 U	<6.5 U	<0.13 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.24 U	<0.25 U	<0.26 U	<12 U	<0.25 U	<0.26 U	<0.25 U	<0.25 U	<0.27 U	<23 U	<0.24 U	<0.25 U	<0.25 U	<0.25 U	<0.26 U	<12 U	<0.24 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.0073 U	<0.0073 U	<0.0077 U	0.2 J	<0.0075 U	<0.0076 U	<0.0073 U	<0.0074 U	<0.008 U	0.56	<0.0072 U	<0.0075 U	<0.0073 U	<0.0074 U	<0.0077 U	0.28 J	<0.0073 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	<0.012 U	<0.012 U	<0.013 U	**<0.3 U**	<0.013 U	<0.013 U	<0.012 U	<0.013 U	<0.013 U	**<0.29 U**	<0.012 U	<0.013 U	<0.012 U	<0.013 U	<0.013 U	**<0.3 U**	<0.012 U
Dibenzofuran	132-64-9	66	6	mg/kg	<0.11 U	<0.11 U	<0.11 U	<5.2 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<10 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<5.2 U	<0.11 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<6.1 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<6.1 U	<0.12 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB30	SB30	SB30	SB31	SB31	SB31	SB32	SB32	SB32	SB33	SB33	SB33	SB34	SB34	SB34	SB35	SB35
				Sample Name	SB30-2.0	SB30-5.0	SB30-15.0	SB31-2.0	SB31-6.0	SB31-15.0	SB32-2.0	SB32-5.0	SB32-15.0	SB33-1.5	SB33-5.0	SB33-15.0	SB34-2.0	SB34-5.0	SB34-15.0	SB35-2.0	SB35-5.0
				Sample Date	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024
				Sample Depth	2	5	15	2	6	15	2	5	15	1.5	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<6.3 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<6.3 U	<0.13 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<5.4 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<10 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<5.4 U	<0.11 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.26 U	<0.27 U	<0.28 U	<13 U	<0.27 U	<0.27 U	<0.26 U	<0.26 U	<0.28 U	<25 U	<0.26 U	<0.27 U	<0.26 U	<0.27 U	<0.28 U	<13 U	<0.26 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.009 U	<0.0091 U	<0.0095 U	<0.22 U	<0.0092 U	<0.0094 U	<0.0091 U	<0.0092 U	<0.0098 U	0.36 J	<0.0089 U	<0.0092 U	<0.0091 U	<0.0092 U	<0.0096 U	<0.22 U	<0.009 U
Fluorene	86-73-7	5.9	[4]	mg/kg	<0.011 U	<0.011 U	<0.012 U	0.45 J	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.012 U	<0.25 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.012 U	<0.26 U	<0.011 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.089 U	<0.092 U	<0.095 U	<4.4 U	<0.092 U	<0.094 U	<0.091 U	<0.091 U	<0.098 U	<8.5 U	<0.088 U	<0.092 U	<0.09 U	<0.092 U	<0.095 U	<4.4 U	<0.089 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.14 U	<0.14 U	<0.15 U	<6.9 U	<0.14 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<13 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<6.9 U	<0.14 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.096 U	<0.099 U	<0.1 U	<4.8 U	<0.099 U	<0.1 U	<0.098 U	<0.098 U	<0.11 U	<9.2 U	<0.096 U	<0.1 U	<0.098 U	<0.099 U	<0.1 U	<4.7 U	<0.096 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<5.1 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<9.7 U	<0.1 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<5 U	<0.1 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.013 U	<0.014 U	<0.014 U	<0.33 U	<0.014 U	<0.014 U	<0.014 U	<0.014 U	<0.015 U	<0.31 U	<0.013 U	<0.014 U	<0.014 U	<0.014 U	<0.014 U	<0.33 U	<0.013 U
Isophorone	78-59-1	NS		mg/kg	<0.088 U	<0.091 U	<0.095 U	<4.4 U	<0.091 U	<0.093 U	<0.09 U	<0.09 U	<0.098 U	<8.4 U	<0.088 U	<0.092 U	<0.09 U	<0.091 U	<0.095 U	<4.4 U	<0.089 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	<0.01 U	<0.01 U	<0.011 U	**4.3**	<0.01 U	<0.01 U	<0.01 U	<0.01 U	<0.011 U	**2.5**	<0.0099 U	<0.01 U	<0.01 U	<0.01 U	<0.011 U	**1.5**	<0.01 U
Nitrobenzene	98-95-3	NS		mg/kg	<0.15 U	<0.16 U	<0.16 U	<7.5 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.17 U	<14 U	<0.15 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<7.5 U	<0.15 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.099 U	<0.1 U	<0.11 U	<4.9 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<9.4 U	<0.098 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<4.9 U	<0.099 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.095 U	<0.098 U	<0.1 U	<4.7 U	<0.098 U	<0.1 U	<0.097 U	<0.097 U	<0.1 U	<9.1 U	<0.094 U	<0.099 U	<0.097 U	<0.098 U	<0.1 U	<4.7 U	<0.095 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.095 U	<0.098 U	<0.1 U	<4.7 U	<0.098 U	<0.1 U	<0.097 U	<0.097 U	<0.1 U	<9 U	<0.094 U	<0.099 U	<0.096 U	<0.098 U	<0.1 U	<4.7 U	<0.095 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2 U	<2.1 U	<2.2 U	<100 U	<2.1 U	<2.2 U	<2.1 U	<2.1 U	<2.3 U	<190 U	<2 U	<2.1 U	<2.1 U	<2.1 U	<2.2 U	<100 U	<2.1 U
Phenanthrene	85-01-8	NS		mg/kg	<0.017 U	<0.017 U	<0.018 U	1.2	<0.017 U	<0.018 U	<0.017 U	<0.017 U	<0.018 U	1.8	<0.017 U	<0.017 U	<0.017 U	<0.017 U	<0.018 U	<0.41 U	<0.017 U
Phenol	108-95-2	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<5.3 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<10 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<5.3 U	<0.11 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.0097 U	<0.0098 U	<0.01 U	0.25 J	<0.0099 U	<0.01 U	<0.0098 U	<0.0099 U	<0.011 U	0.62	<0.0095 U	<0.01 U	<0.0098 U	<0.0099 U	<0.01 U	0.35 J	<0.0097 U
Pyridine	110-86-1	NS		mg/kg	<0.26 U	<0.27 U	<0.28 U	<13 U	<0.27 U	<0.28 U	<0.27 U	<0.27 U	<0.29 U	<25 U	<0.26 U	<0.27 U	<0.27 U	<0.27 U	<0.28 U	<13 U	<0.26 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38	SB38	SB39	SB39	SB39	SB40	SB40	SB40	SB41
				Sample Name	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0	SB40-5.0	SB40-15.0	SB41-2.0
				Sample Date	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.14 U	<0.14 U	<0.14 U	<0.17 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<6.7 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.1 U	<0.098 U	<0.097 U	<0.12 U	<0.094 U	<0.098 U	<0.1 U	<0.092 U	<0.093 U	<0.098 U	**<4.7 U**	<0.092 U	<0.089 U	<0.095 U	<0.095 U	<0.096 U	<0.092 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.13 U	<0.12 U	<0.12 U	<0.15 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<5.8 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	**<5.3 U**	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	<0.013 U	<0.013 U	<0.013 U	<0.016 U	<0.012 U	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.013 U	**5**	<0.012 U	<0.011 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.23 U	<0.23 U	<0.23 U	<0.29 U	<0.22 U	<0.23 U	<0.23 U	<0.21 U	<0.22 U	<0.23 U	<11 U	<0.21 U	<0.21 U	<0.22 U	<0.22 U	<0.22 U	<0.21 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.14 U	<0.14 U	<0.14 U	<0.17 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<6.6 U	<0.13 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.16 U	<0.15 U	<0.15 U	<0.19 U	<0.15 U	<0.15 U	<0.16 U	<0.14 U	<0.15 U	<0.15 U	<7.3 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.14 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.15 U	<0.15 U	<0.15 U	<0.19 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<7.2 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<1.1 U	<1.1 U	<1 U	<1.3 U	<1 U	<1.1 U	<1.1 U	<0.99 U	<1 U	<1.1 U	<51 U	<1 U	<0.96 U	<1 U	<1 U	<1 U	<0.99 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.097 U	<0.094 U	<0.093 U	<0.12 U	<0.091 U	<0.095 U	<0.097 U	<0.089 U	<0.09 U	<0.095 U	<4.5 U	<0.089 U	<0.086 U	<0.091 U	<0.092 U	<0.093 U	<0.089 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.16 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.12 U	<0.13 U	<6.2 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.1 U	<0.1 U	<0.099 U	<0.13 U	<0.096 U	<0.1 U	<0.1 U	<0.094 U	<0.095 U	<0.1 U	<4.8 U	<0.094 U	<0.091 U	<0.097 U	<0.097 U	<0.098 U	<0.094 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.1 U	<0.1 U	<0.1 U	<0.13 U	<0.097 U	<0.1 U	<0.1 U	<0.095 U	<0.096 U	<0.1 U	<4.8 U	<0.095 U	<0.091 U	<0.097 U	<0.098 U	<0.099 U	<0.095 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.16 U	<0.15 U	<0.15 U	<0.19 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U	<0.15 U	<0.15 U	<7.4 U	<0.15 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.15 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	<0.012 U	<0.012 U	<0.012 U	<0.015 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U	<0.012 U	<0.012 U	**6**	<0.011 U	<0.011 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<5.4 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.13 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<5.1 U	<0.1 U	<0.096 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.17 U	<0.16 U	<0.16 U	<0.2 U	<0.16 U	<0.16 U	<0.17 U	<0.15 U	<0.15 U	<0.16 U	<7.7 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<0.15 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.13 U	<0.12 U	<0.12 U	<0.15 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<5.8 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.64 U	<0.62 U	<0.62 U	<0.78 U	<0.6 U	<0.63 U	<0.64 U	<0.59 U	<0.59 U	<0.62 U	<30 U	<0.59 U	<0.57 U	<0.6 U	<0.61 U	<0.61 U	<0.59 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.1 U	<0.097 U	<0.096 U	<0.12 U	<0.093 U	<0.097 U	<0.099 U	<0.091 U	<0.092 U	<0.097 U	<4.6 U	<0.092 U	<0.088 U	<0.094 U	<0.094 U	<0.095 U	<0.091 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1.1 U	<1.1 U	<1.1 U	<1.4 U	<1.1 U	<1.1 U	<1.1 U	<1 U	<1 U	<1.1 U	<53 U	<1 U	<1 U	<1.1 U	<1.1 U	<1.1 U	<1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.087 U	<0.085 U	<0.084 U	<0.11 U	<0.082 U	<0.085 U	<0.087 U	<0.08 U	<0.081 U	<0.085 U	<4.1 U	<0.08 U	<0.077 U	<0.082 U	<0.083 U	<0.084 U	<0.08 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.13 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<5.2 U	<0.1 U	<0.098 U	<0.1 U	<0.1 U	<0.11 U	<0.1 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.098 U	<0.096 U	<0.095 U	<0.12 U	<0.092 U	<0.096 U	<0.098 U	<0.09 U	<0.091 U	<0.096 U	<4.6 U	<0.09 U	<0.087 U	<0.093 U	<0.093 U	<0.094 U	<0.09 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.15 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<5.6 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.15 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<5.7 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.38 U	<0.37 U	<0.36 U	<0.46 U	<0.35 U	<0.37 U	<0.37 U	<0.34 U	<0.35 U	<0.37 U	<18 U	<0.34 U	<0.33 U	<0.35 U	<0.36 U	<0.36 U	<0.34 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.015 U	<0.015 U	<0.015 U	<0.019 U	<0.015 U	<0.015 U	<0.016 U	<0.014 U	<0.014 U	<0.015 U	0.32 J	<0.014 U	<0.014 U	<0.015 U	<0.015 U	<0.015 U	<0.014 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.011 U	<0.011 U	<0.011 U	<0.014 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.21 U	<0.011 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.01 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<5.3 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U
Anthracene	120-12-7	2	4	mg/kg	<0.01 U	<0.01 U	<0.01 U	<0.013 U	<0.0099 U	<0.01 U	<0.011 U	<0.0097 U	<0.0098 U	<0.01 U	<0.2 U	<0.0097 U	<0.0094 U	<0.0099 U	<0.0099 U	<0.01 U	<0.0096 U
Azobenzene	103-33-3	NS		mg/kg	<0.093 U	<0.091 U	<0.09 U	<0.11 U	<0.088 U	<0.091 U	<0.093 U	<0.086 U	<0.087 U	<0.091 U	<4.4 U	<0.086 U	<0.083 U	<0.088 U	<0.088 U	<0.089 U	<0.086 U
Benzidine	92-87-5	NS		mg/kg	<0.69 U	<0.67 U	<0.66 U	<0.84 U	<0.64 U	<0.67 U	<0.68 U	<0.63 U	<0.64 U	<0.67 U	<32 U	<0.63 U	<0.61 U	<0.65 U	<0.65 U	<0.66 U	<0.63 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.0095 U	<0.0092 U	<0.0092 U	<0.012 U	<0.0089 U	<0.0094 U	<0.0095 U	<0.0088 U	<0.0089 U	<0.0093 U	<0.18 U	<0.0088 U	<0.0085 U	<0.0089 U	<0.0089 U	<0.0091 U	<0.0087 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.0096 U	<0.0094 U	<0.0094 U	<0.012 U	<0.0091 U	<0.0095 U	<0.0097 U	<0.0089 U	<0.009 U	<0.0095 U	**<0.18 U**	<0.0089 U	<0.0086 U	<0.0091 U	<0.0091 U	<0.0093 U	<0.0088 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.018 U	<0.017 U	<0.017 U	<0.022 U	<0.017 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.33 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.012 U	<0.012 U	<0.012 U	<0.015 U	<0.012 U	<0.012 U	<0.013 U	<0.012 U	<0.012 U	<0.012 U	<0.24 U	<0.012 U	<0.011 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.02 U	<0.02 U	<0.02 U	<0.025 U	<0.019 U	<0.02 U	<0.02 U	<0.019 U	<0.019 U	<0.02 U	<0.38 U	<0.019 U	<0.018 U	<0.019 U	<0.019 U	<0.02 U	<0.019 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.8 U	<0.78 U	<0.77 U	<0.98 U	<0.75 U	<0.78 U	<0.8 U	<0.73 U	<0.74 U	<0.78 U	<37 U	<0.74 U	<0.71 U	<0.76 U	<0.76 U	<0.77 U	<0.73 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.2 U	<0.19 U	<0.19 U	<0.24 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.18 U	<0.19 U	<9.3 U	<0.18 U	<0.18 U	<0.19 U	<0.19 U	<0.19 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.28 U	<0.27 U	<0.27 U	<0.34 U	<0.26 U	<0.27 U	<0.28 U	<0.26 U	<0.26 U	<0.27 U	<13 U	<0.26 U	<0.25 U	<0.26 U	<0.26 U	<0.27 U	<0.26 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.16 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U	<0.12 U	<0.13 U	<6.2 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.13 U	<0.12 U	<0.12 U	<0.15 U	<0.12 U	<0.12 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<5.9 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.14 U	<0.14 U	<0.14 U	<0.17 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<6.6 U	<0.13 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.26 U	<0.25 U	<0.25 U	<0.32 U	<0.24 U	<0.25 U	<0.26 U	<0.24 U	<0.24 U	<0.25 U	<12 U	<0.24 U	<0.23 U	<0.24 U	<0.25 U	<0.25 U	<0.24 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.0077 U	<0.0075 U	<0.0075 U	<0.0093 U	<0.0073 U	<0.0076 U	<0.0077 U	<0.0071 U	<0.0072 U	<0.0076 U	0.21 J	<0.0071 U	<0.0069 U	<0.0073 U	<0.0072 U	<0.0074 U	<0.007 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	<0.013 U	<0.013 U	<0.013 U	<0.016 U	<0.012 U	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.013 U	**<0.24 U**	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	<0.012 U
Dibenzofuran	132-64-9	66	6	mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<5.3 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.16 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U	<0.12 U	<0.13 U	<6.2 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB35	SB36	SB36	SB36	SB37	SB37	SB37	SB38	SB38	SB38	SB39	SB39	SB39	SB40	SB40	SB40	SB41
				Sample Name	SB35-15.0	SB36-2.0	SB36-5.0	SB36-15.0	SB37-2.0	SB37-5.0	SB37-15.0	SB38-2.0	SB38-5.0	SB38-15.0	SB39-2.0	SB39-5.0	SB39-15.0	SB40-2.0	SB40-5.0	SB40-15.0	SB41-2.0
				Sample Date	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/05/2024	12/05/2024	12/05/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/04/2024
				Sample Depth	15	2	5	15	2	5	15	2	5	15	2	5	15	2	5	15	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<0.14 U	<0.13 U	<0.13 U	<0.17 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<6.4 U	<0.13 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.12 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<5.5 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.28 U	<0.27 U	<0.27 U	<0.34 U	<0.26 U	<0.27 U	<0.28 U	<0.25 U	<0.26 U	<0.27 U	<13 U	<0.25 U	<0.24 U	<0.26 U	<0.26 U	<0.26 U	<0.25 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.0095 U	<0.0093 U	<0.0093 U	<0.012 U	<0.009 U	<0.0094 U	<0.0096 U	<0.0088 U	<0.0089 U	<0.0094 U	<0.18 U	<0.0088 U	<0.0085 U	<0.009 U	<0.009 U	<0.0092 U	<0.0087 U
Fluorene	86-73-7	5.9	[4]	mg/kg	<0.011 U	<0.011 U	<0.011 U	<0.014 U	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	0.94	<0.011 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.095 U	<0.093 U	<0.092 U	<0.12 U	<0.089 U	<0.093 U	<0.095 U	<0.087 U	<0.088 U	<0.093 U	<4.4 U	<0.088 U	<0.084 U	<0.09 U	<0.09 U	<0.091 U	<0.087 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.15 U	<0.15 U	<0.14 U	<0.18 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<6.9 U	<0.14 U	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.1 U	<0.1 U	<0.099 U	<0.13 U	<0.097 U	<0.1 U	<0.1 U	<0.094 U	<0.096 U	<0.1 U	<4.8 U	<0.095 U	<0.091 U	<0.097 U	<0.098 U	<0.099 U	<0.094 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.13 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<5.1 U	<0.1 U	<0.097 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.014 U	<0.014 U	<0.014 U	<0.017 U	<0.013 U	<0.014 U	<0.014 U	<0.013 U	<0.013 U	<0.014 U	<0.27 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.014 U	<0.013 U
Isophorone	78-59-1	NS		mg/kg	<0.095 U	<0.092 U	<0.091 U	<0.12 U	<0.089 U	<0.093 U	<0.095 U	<0.087 U	<0.088 U	<0.092 U	<4.4 U	<0.087 U	<0.084 U	<0.089 U	<0.09 U	<0.091 U	<0.087 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	<0.011 U	<0.01 U	<0.01 U	<0.013 U	<0.01 U	<0.01 U	<0.011 U	<0.0098 U	<0.0099 U	<0.01 U	**1.6**	<0.0098 U	<0.0094 U	<0.01 U	<0.01 U	<0.01 U	<0.0097 U
Nitrobenzene	98-95-3	NS		mg/kg	<0.16 U	<0.16 U	<0.16 U	<0.2 U	<0.15 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.16 U	<7.6 U	<0.15 U	<0.14 U	<0.15 U	<0.15 U	<0.16 U	<0.15 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.11 U	<0.1 U	<0.1 U	<0.13 U	<0.1 U	<0.1 U	<0.11 U	<0.097 U	<0.098 U	<0.1 U	<4.9 U	<0.097 U	<0.094 U	<0.1 U	<0.1 U	<0.1 U	<0.097 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.1 U	<0.099 U	<0.098 U	<0.12 U	<0.096 U	<0.1 U	<0.1 U	<0.093 U	<0.094 U	<0.099 U	<4.8 U	<0.094 U	<0.09 U	<0.096 U	<0.096 U	<0.098 U	<0.093 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.1 U	<0.099 U	<0.098 U	<0.12 U	<0.095 U	<0.099 U	<0.1 U	<0.093 U	<0.094 U	<0.099 U	<4.7 U	<0.093 U	<0.09 U	<0.096 U	<0.096 U	<0.097 U	<0.093 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2.2 U	<2.1 U	<2.1 U	<2.7 U	<2.1 U	<2.1 U	<2.2 U	<2 U	<2 U	<2.1 U	<100 U	<2 U	<1.9 U	<2.1 U	<2.1 U	<2.1 U	<2 U
Phenanthrene	85-01-8	NS		mg/kg	<0.018 U	<0.017 U	<0.017 U	<0.022 U	<0.017 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	1.2	<0.016 U	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U
Phenol	108-95-2	NS		mg/kg	<0.12 U	<0.11 U	<0.11 U	<0.14 U	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<5.4 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.01 U	<0.01 U	<0.01 U	<0.012 U	<0.0097 U	<0.01 U	<0.01 U	<0.0095 U	<0.0096 U	<0.01 U	0.2 J	<0.0095 U	<0.0091 U	<0.0097 U	<0.0097 U	<0.0099 U	<0.0094 U
Pyridine	110-86-1	NS		mg/kg	<0.28 U	<0.27 U	<0.27 U	<0.34 U	<0.26 U	<0.27 U	<0.28 U	<0.26 U	<0.26 U	<0.27 U	<13 U	<0.26 U	<0.25 U	<0.27 U	<0.27 U	<0.27 U	<0.26 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45	SB45	SB46	SB46	SB46
				Sample Name	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0
				Sample Date	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	2	5	15	1	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U	<0.13 U	<0.13 U	<0.12 U	<3.3 U	<0.14 U	<0.14 U	<0.65 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.1 U	<0.099 U	<0.093 U	<0.093 U	<0.088 U	**<2.3 U**	<0.098 U	<0.097 U	<0.46 U	<0.093 U	<0.091 U	<0.092 U	<0.098 U	<0.099 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<2.9 U	<0.12 U	<0.12 U	<0.57 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	**<2.6 U**	<0.11 U	<0.11 U	**<0.52 U**	<0.11 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	<0.013 U	<0.013 U	<0.014 U	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.011 U	**2.9 J**	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.23 U	<0.23 U	<0.25 U	<0.24 U	<0.23 U	<0.22 U	<0.22 U	<0.2 U	<5.3 U	<0.23 U	<0.23 U	<1.1 U	<0.22 U	<0.21 U	<0.21 U	<0.23 U	<0.23 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U	<0.13 U	<0.13 U	<0.12 U	<3.2 U	<0.14 U	<0.14 U	<0.64 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.16 U	<0.16 U	<0.17 U	<0.16 U	<0.16 U	<0.15 U	<0.15 U	<0.14 U	<3.6 U	<0.15 U	<0.15 U	<0.72 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.15 U	<0.15 U	<0.17 U	<0.16 U	<0.15 U	<0.14 U	<0.14 U	<0.13 U	<3.5 U	<0.15 U	<0.15 U	<0.7 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.15 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<1.1 U	<1.1 U	<1.2 U	<1.1 U	<1.1 U	<1 U	<1 U	<0.95 U	<25 U	<1.1 U	<1 U	<4.9 U	<1 U	<0.98 U	<0.99 U	<1.1 U	<1.1 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.097 U	<0.097 U	<0.1 U	<0.1 U	<0.096 U	<0.09 U	<0.09 U	<0.084 U	<2.2 U	<0.094 U	<0.094 U	<0.44 U	<0.089 U	<0.088 U	<0.089 U	<0.094 U	<0.095 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<3 U	<0.13 U	<0.13 U	<0.61 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.095 U	<0.095 U	<0.089 U	<2.3 U	<0.1 U	<0.099 U	<0.47 U	<0.094 U	<0.093 U	<0.094 U	<0.1 U	<0.1 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.095 U	<0.096 U	<0.09 U	<2.4 U	<0.1 U	<0.1 U	<0.47 U	<0.095 U	<0.093 U	<0.094 U	<0.1 U	<0.1 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.15 U	<0.15 U	<0.14 U	<3.6 U	<0.15 U	<0.15 U	<0.72 U	<0.15 U	<0.14 U	<0.14 U	<0.15 U	<0.16 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	<0.013 U	<0.013 U	<0.014 U	<0.013 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	**5.6 J**	0.014 J	<0.012 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.012 U	<0.012 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<2.6 U	<0.11 U	<0.11 U	<0.52 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.095 U	<2.5 U	<0.11 U	<0.11 U	<0.5 U	<0.1 U	<0.099 U	<0.1 U	<0.11 U	<0.11 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.17 U	<0.17 U	<0.18 U	<0.17 U	<0.16 U	<0.15 U	<0.15 U	<0.14 U	<3.8 U	<0.16 U	<0.16 U	<0.75 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<2.9 U	<0.12 U	<0.12 U	<0.57 U	<0.12 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.64 U	<0.64 U	<0.69 U	<0.67 U	<0.63 U	<0.59 U	<0.59 U	<0.56 U	<15 U	<0.62 U	<0.62 U	<2.9 U	<0.59 U	<0.58 U	<0.59 U	<0.62 U	<0.63 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.1 U	<0.098 U	<0.092 U	<0.092 U	<0.087 U	<2.3 U	<0.097 U	<0.096 U	<0.45 U	<0.092 U	<0.09 U	<0.091 U	<0.097 U	<0.098 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1.1 U	<1.1 U	<1.2 U	<1.2 U	<1.1 U	<1 U	<1 U	<0.98 U	<26 U	<1.1 U	<1.1 U	<5.1 U	<1 U	<1 U	<1 U	<1.1 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.088 U	<0.088 U	<0.094 U	<0.091 U	<0.086 U	<0.081 U	<0.081 U	<0.076 U	<2 U	<0.085 U	<0.084 U	<0.4 U	<0.08 U	<0.079 U	<0.08 U	<0.085 U	<0.086 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.1 U	<0.1 U	<0.096 U	<2.5 U	<0.11 U	<0.11 U	<0.5 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.099 U	<0.099 U	<0.11 U	<0.1 U	<0.097 U	<0.091 U	<0.091 U	<0.086 U	<2.2 U	<0.096 U	<0.095 U	<0.45 U	<0.09 U	<0.089 U	<0.09 U	<0.096 U	<0.097 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U	<0.11 U	<0.11 U	<0.1 U	<2.7 U	<0.12 U	<0.12 U	<0.55 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<2.8 U	<0.12 U	<0.12 U	<0.55 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<0.12 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.38 U	<0.38 U	<0.4 U	<0.39 U	<0.37 U	<0.35 U	<0.35 U	<0.33 U	<8.6 U	<0.37 U	<0.36 U	<1.7 U	<0.35 U	<0.34 U	<0.34 U	<0.37 U	<0.37 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.015 U	<0.014 U	<0.014 U	<0.014 U	<0.14 U	<0.015 U	<0.015 U	<0.014 U	<0.014 U	<0.014 U	<0.014 U	<0.015 U	<0.015 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.01 U	<0.11 U	<0.011 U	<0.011 U	<0.01 U	<0.011 U	<0.01 U	<0.01 U	<0.011 U	<0.011 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.099 U	<2.6 U	<0.11 U	<0.11 U	<0.52 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U
Anthracene	120-12-7	2	4	mg/kg	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.01 U	<0.0097 U	<0.0097 U	<0.0092 U	<0.097 U	<0.01 U	<0.01 U	<0.0096 U	<0.0097 U	<0.0096 U	<0.0096 U	<0.01 U	<0.01 U
Azobenzene	103-33-3	NS		mg/kg	<0.094 U	<0.094 U	<0.1 U	<0.097 U	<0.092 U	<0.086 U	<0.086 U	<0.081 U	<2.1 U	<0.091 U	<0.09 U	<0.43 U	<0.086 U	<0.085 U	<0.085 U	<0.091 U	<0.092 U
Benzidine	92-87-5	NS		mg/kg	<0.69 U	<0.69 U	<0.74 U	<0.71 U	<0.68 U	<0.63 U	<0.63 U	<0.6 U	<16 U	<0.67 U	<0.66 U	<3.1 U	<0.63 U	<0.62 U	<0.63 U	<0.67 U	<0.67 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.0097 U	<0.0096 U	<0.01 U	<0.0098 U	<0.0094 U	<0.0088 U	<0.0088 U	<0.0083 U	<0.087 U	<0.0092 U	<0.0092 U	<0.0086 U	<0.0088 U	<0.0087 U	<0.0087 U	<0.0093 U	<0.0093 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.0098 U	<0.0098 U	<0.011 U	<0.01 U	<0.0096 U	<0.009 U	<0.0089 U	<0.0084 U	<0.089 U	<0.0094 U	<0.0094 U	<0.0088 U	<0.009 U	<0.0088 U	<0.0089 U	<0.0094 U	<0.0095 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.018 U	<0.018 U	<0.019 U	<0.018 U	<0.018 U	<0.016 U	<0.016 U	<0.015 U	<0.16 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.013 U	<0.013 U	<0.014 U	<0.013 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U	<0.12 U	<0.012 U	<0.012 U	<0.011 U	<0.012 U	<0.011 U	<0.012 U	<0.012 U	<0.012 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.021 U	<0.021 U	<0.022 U	<0.021 U	<0.02 U	<0.019 U	<0.019 U	<0.018 U	<0.19 U	<0.02 U	<0.02 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.02 U	<0.02 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.81 U	<0.8 U	<0.86 U	<0.84 U	<0.79 U	<0.74 U	<0.74 U	<0.7 U	<18 U	<0.78 U	<0.78 U	<3.7 U	<0.74 U	<0.73 U	<0.73 U	<0.78 U	<0.79 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.2 U	<0.2 U	<0.21 U	<0.21 U	<0.2 U	<0.18 U	<0.18 U	<0.17 U	<4.5 U	<0.19 U	<0.19 U	<0.91 U	<0.18 U	<0.18 U	<0.18 U	<0.19 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.28 U	<0.28 U	<0.3 U	<0.29 U	<0.28 U	<0.26 U	<0.26 U	<0.24 U	<6.4 U	<0.27 U	<0.27 U	<1.3 U	<0.26 U	<0.25 U	<0.26 U	<0.27 U	<0.28 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<3 U	<0.13 U	<0.13 U	<0.6 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<2.9 U	<0.12 U	<0.12 U	<0.58 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.12 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.15 U	<0.14 U	<0.13 U	<0.13 U	<0.12 U	<3.2 U	<0.14 U	<0.14 U	<0.64 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.26 U	<0.26 U	<0.28 U	<0.27 U	<0.26 U	<0.24 U	<0.24 U	<0.23 U	<5.9 U	<0.25 U	<0.25 U	<1.2 U	<0.24 U	<0.24 U	<0.24 U	<0.25 U	<0.26 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.0078 U	<0.0078 U	<0.0084 U	<0.008 U	<0.0076 U	<0.0071 U	<0.0071 U	<0.0067 U	0.14 J	<0.0075 U	<0.0075 U	<0.007 U	<0.0071 U	<0.007 U	<0.0071 U	<0.0075 U	<0.0076 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	<0.013 U	<0.013 U	<0.014 U	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.011 U	**<0.12 U**	<0.013 U	<0.013 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.013 U	<0.013 U
Dibenzofuran	132-64-9	66	6	mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.1 U	<0.1 U	<0.098 U	<2.6 U	<0.11 U	<0.11 U	<0.51 U	<0.1 U	<0.1 U	<0.1 U	<0.11 U	<0.11 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.12 U	<0.12 U	<0.12 U	<3 U	<0.13 U	<0.13 U	<0.6 U	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<0.13 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB41	SB41	SB42	SB42	SB42	SB43	SB43	SB43	SB44	SB44	SB44	SB45	SB45	SB45	SB46	SB46	SB46
				Sample Name	SB41-5.0	SB41-15.0	SB42-2.0	SB42-5.0	SB42-15.0	SB43-2.0	SB43-5.0	SB43-15.0	SB44-2.0	SB44-5.0	SB44-15.0	SB45-1.0	SB45-5.0	SB45-15.0	SB46-2.0	SB46-5.0	SB46-15.0
				Sample Date	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/04/2024	12/04/2024	12/04/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/05/2024	12/05/2024	12/05/2024
				Sample Depth	5	15	2	5	15	2	5	15	2	5	15	1	5	15	2	5	15
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																					
Diethyl phthalate	84-66-2	NS		mg/kg	<0.14 U	<0.14 U	<0.15 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.12 U	<3.1 U	<0.13 U	<0.13 U	<0.62 U	<0.13 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.12 U	<0.12 U	<0.13 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.1 U	<2.7 U	<0.11 U	<0.11 U	<0.53 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.12 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.28 U	<0.28 U	<0.3 U	<0.29 U	<0.27 U	<0.26 U	<0.26 U	<0.24 U	<6.3 U	<0.27 U	<0.27 U	<1.3 U	<0.25 U	<0.25 U	<0.25 U	<0.27 U	<0.27 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.0097 U	<0.0096 U	<0.01 U	<0.0099 U	<0.0095 U	<0.0088 U	<0.0088 U	<0.0083 U	<0.088 U	<0.0093 U	<0.0093 U	<0.0087 U	<0.0088 U	<0.0087 U	<0.0087 U	<0.0093 U	<0.0094 U
Fluorene	86-73-7	5.9	[4]	mg/kg	<0.012 U	<0.012 U	<0.013 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.01 U	0.26	0.016 J	<0.011 U	<0.01 U	<0.011 U	<0.01 U	<0.011 U	<0.011 U	<0.011 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.096 U	<0.096 U	<0.1 U	<0.099 U	<0.094 U	<0.088 U	<0.088 U	<0.083 U	<2.2 U	<0.093 U	<0.092 U	<0.43 U	<0.088 U	<0.086 U	<0.087 U	<0.093 U	<0.094 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.15 U	<0.15 U	<0.16 U	<0.16 U	<0.15 U	<0.14 U	<0.14 U	<0.13 U	<3.4 U	<0.15 U	<0.14 U	<0.68 U	<0.14 U	<0.13 U	<0.14 U	<0.15 U	<0.15 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.095 U	<0.095 U	<0.09 U	<2.3 U	<0.1 U	<0.1 U	<0.47 U	<0.095 U	<0.093 U	<0.094 U	<0.1 U	<0.1 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.11 U	<0.11 U	<0.12 U	<0.11 U	<0.11 U	<0.1 U	<0.1 U	<0.095 U	<2.5 U	<0.11 U	<0.11 U	<0.5 U	<0.1 U	<0.099 U	<0.1 U	<0.11 U	<0.11 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.015 U	<0.014 U	<0.016 U	<0.015 U	<0.014 U	<0.013 U	<0.013 U	<0.012 U	<0.13 U	<0.014 U	<0.014 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.014 U	<0.014 U
Isophorone	78-59-1	NS		mg/kg	<0.095 U	<0.095 U	<0.1 U	<0.099 U	<0.093 U	<0.088 U	<0.088 U	<0.083 U	<2.2 U	<0.092 U	<0.092 U	<0.43 U	<0.087 U	<0.086 U	<0.087 U	<0.092 U	<0.093 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.0098 U	<0.0098 U	<0.0093 U	**1.5**	<0.01 U	<0.01 U	<0.0096 U	<0.0098 U	<0.0097 U	<0.0097 U	<0.01 U	<0.01 U
Nitrobenzene	98-95-3	NS		mg/kg	<0.16 U	<0.16 U	<0.17 U	<0.17 U	<0.16 U	<0.15 U	<0.15 U	<0.14 U	<3.7 U	<0.16 U	<0.16 U	<0.74 U	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<0.098 U	<0.098 U	<0.092 U	<2.4 U	<0.1 U	<0.1 U	<0.48 U	<0.098 U	<0.096 U	<0.097 U	<0.1 U	<0.1 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.094 U	<0.094 U	<0.089 U	<2.3 U	<0.099 U	<0.098 U	<0.46 U	<0.094 U	<0.092 U	<0.093 U	<0.099 U	<0.1 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.1 U	<0.1 U	<0.11 U	<0.11 U	<0.1 U	<0.094 U	<0.094 U	<0.089 U	<2.3 U	<0.099 U	<0.098 U	<0.46 U	<0.094 U	<0.092 U	<0.093 U	<0.099 U	<0.1 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2.2 U	<2.2 U	<2.4 U	<2.3 U	<2.2 U	<2 U	<2 U	<1.9 U	<50 U	<2.1 U	<2.1 U	<10 U	<2 U	<2 U	<2 U	<2.1 U	<2.2 U
Phenanthrene	85-01-8	NS		mg/kg	<0.018 U	<0.018 U	<0.019 U	<0.018 U	<0.018 U	<0.016 U	<0.016 U	<0.015 U	0.59	0.041	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U
Phenol	108-95-2	NS		mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.11 U	<0.11 U	<0.11 U	<0.1 U	<2.6 U	<0.11 U	<0.11 U	<0.53 U	<0.11 U	<0.1 U	<0.11 U	<0.11 U	<0.11 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.01 U	<0.01 U	<0.011 U	<0.011 U	<0.01 U	<0.0095 U	<0.0095 U	<0.009 U	<0.095 U	<0.01 U	<0.01 U	<0.0093 U	<0.0095 U	<0.0094 U	<0.0094 U	<0.01 U	<0.01 U
Pyridine	110-86-1	NS		mg/kg	<0.28 U	<0.28 U	<0.3 U	<0.29 U	<0.28 U	<0.26 U	<0.26 U	<0.25 U	<6.4 U	<0.27 U	<0.27 U	<1.3 U	<0.26 U	<0.25 U	<0.26 U	<0.27 U	<0.28 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB47	SB47	SB47	SB48	SB48	SB48	SB49	SB49
				Sample Name	SB47-2.0	SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
				Sample Date	12/05/2024	12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds												
1,2,4-Trichlorobenzene	120-82-1	NS		mg/kg	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<3.4 U	<0.13 U	<0.14 U	<0.14 U
1,2-Dichlorobenzene	95-50-1	**1.1**	4	mg/kg	<0.092 U	<0.098 U	<0.097 U	<0.1 U	**<2.4 U**	<0.092 U	<0.098 U	<0.1 U
1,3-Dichlorobenzene	541-73-1	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<3 U	<0.11 U	<0.12 U	<0.13 U
1,4-Dichlorobenzene	106-46-7	**0.2**	4	mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	**<2.8 U**	<0.1 U	<0.11 U	<0.12 U
1-Methylnaphthalene	90-12-0	**0.18**	1	mg/kg	<0.06 U	<0.013 U	<0.012 U	<0.013 U	<0.012 U	<0.012 U	<0.013 U	<0.013 U
2,4,5-Trichlorophenol	95-95-4	NS		mg/kg	<0.21 U	<0.23 U	<0.23 U	<0.23 U	<5.6 U	<0.21 U	<0.23 U	<0.24 U
2,4,6-Trichlorophenol	88-06-2	NS		mg/kg	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<3.4 U	<0.13 U	<0.14 U	<0.14 U
2,4-Dichlorophenol	120-83-2	NS		mg/kg	<0.14 U	<0.15 U	<0.15 U	<0.16 U	<3.8 U	<0.14 U	<0.15 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS		mg/kg	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<3.7 U	<0.14 U	<0.15 U	<0.16 U
2,4-Dinitrophenol	51-28-5	NS		mg/kg	<0.99 U	<1.1 U	<1 U	<1.1 U	<26 U	<0.99 U	<1.1 U	<1.1 U
2,4-Dinitrotoluene	121-14-2	NS		mg/kg	<0.089 U	<0.094 U	<0.094 U	<0.096 U	<2.3 U	<0.089 U	<0.094 U	<0.098 U
2,6-Dichlorophenol	87-65-0	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<3.2 U	<0.12 U	<0.13 U	<0.13 U
2,6-Dinitrotoluene	606-20-2	NS		mg/kg	<0.094 U	<0.1 U	<0.099 U	<0.1 U	<2.5 U	<0.094 U	<0.1 U	<0.1 U
2-Chloronaphthalene	91-58-7	NS		mg/kg	<0.095 U	<0.1 U	<0.1 U	<0.1 U	<2.5 U	<0.094 U	<0.1 U	<0.1 U
2-Chlorophenol	95-57-8	NS		mg/kg	<0.15 U	<0.15 U	<0.15 U	<0.16 U	<3.8 U	<0.14 U	<0.15 U	<0.16 U
2-Methylnaphthalene	91-57-6	**0.87**	4	mg/kg	<0.058 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.011 U	<0.012 U	<0.013 U
2-Methylphenol (o-Cresol)	95-48-7	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<2.8 U	<0.11 U	<0.11 U	<0.12 U
2-Nitroaniline	88-74-4	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<2.6 U	<0.1 U	<0.11 U	<0.11 U
2-Nitrophenol	88-75-5	NS		mg/kg	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<4 U	<0.15 U	<0.16 U	<0.17 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<3 U	<0.11 U	<0.12 U	<0.13 U
3,3'-Dichlorobenzidine	91-94-1	NS		mg/kg	<0.59 U	<0.62 U	<0.62 U	<0.63 U	<15 U	<0.59 U	<0.62 U	<0.65 U
3-Nitroaniline	99-09-2	NS		mg/kg	<0.091 U	<0.097 U	<0.096 U	<0.099 U	<2.4 U	<0.091 U	<0.097 U	<0.1 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS		mg/kg	<1 U	<1.1 U	<1.1 U	<1.1 U	<27 U	<1 U	<1.1 U	<1.1 U
4-Bromophenyl Phenyl Ether	101-55-3	NS		mg/kg	<0.08 U	<0.085 U	<0.084 U	<0.087 U	<2.1 U	<0.08 U	<0.085 U	<0.088 U
4-Chloro-3-Methylphenol	59-50-7	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<2.7 U	<0.1 U	<0.11 U	<0.11 U
4-Chloroaniline	106-47-8	NS		mg/kg	<0.09 U	<0.096 U	<0.095 U	<0.097 U	<2.4 U	<0.09 U	<0.095 U	<0.099 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<2.9 U	<0.11 U	<0.12 U	<0.12 U
4-Nitroaniline	100-01-6	NS		mg/kg	<0.11 U	<0.12 U	<0.12 U	<0.12 U	<2.9 U	<0.11 U	<0.12 U	<0.12 U
4-Nitrophenol	100-02-7	NS		mg/kg	<0.34 U	<0.37 U	<0.36 U	<0.37 U	<9 U	<0.34 U	<0.36 U	<0.38 U
Acenaphthene	83-32-9	13	4	mg/kg	<0.072 U	<0.015 U	<0.015 U	<0.016 U	<0.015 U	<0.014 U	<0.015 U	<0.016 U
Acenaphthylene	208-96-8	NS		mg/kg	<0.053 U	<0.011 U	<0.011 U	<0.011 U	<0.011 U	<0.01 U	<0.011 U	<0.012 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<2.7 U	<0.1 U	<0.11 U	<0.11 U
Anthracene	120-12-7	2	4	mg/kg	<0.049 U	<0.01 U	<0.01 U	<0.011 U	<0.01 U	<0.0096 U	<0.01 U	<0.011 U
Azobenzene	103-33-3	NS		mg/kg	<0.086 U	<0.091 U	<0.09 U	<0.093 U	<2.2 U	<0.085 U	<0.091 U	<0.094 U
Benzidine	92-87-5	NS		mg/kg	<0.63 U	<0.67 U	<0.66 U	<0.68 U	<16 U	<0.63 U	<0.67 U	<0.69 U
Benzo(a)anthracene	56-55-3	1.1	3	mg/kg	<0.044 U	<0.0093 U	<0.0092 U	<0.0095 U	<0.0092 U	<0.0087 U	<0.0093 U	<0.0097 U
Benzo(a)pyrene	50-32-8	**0.11**	3	mg/kg	<0.045 U	<0.0094 U	<0.0094 U	<0.0097 U	<0.0093 U	<0.0088 U	<0.0095 U	<0.0099 U
Benzo(b)fluoranthene	205-99-2	1.1	3	mg/kg	<0.082 U	<0.017 U	<0.017 U	<0.018 U	<0.017 U	<0.016 U	<0.017 U	<0.018 U
Benzo(g,h,i)Perylene	191-24-2	NS		mg/kg	<0.058 U	<0.012 U	<0.012 U	<0.013 U	<0.012 U	<0.011 U	<0.012 U	<0.013 U
Benzo(k)fluoranthene	207-08-9	2.8	5	mg/kg	<0.094 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.019 U	<0.02 U	<0.021 U
Benzoic Acid	65-85-0	NS		mg/kg	<0.73 U	<0.78 U	<0.78 U	<0.8 U	<19 U	<0.73 U	<0.78 U	<0.81 U
Benzyl Alcohol	100-51-6	NS		mg/kg	<0.18 U	<0.19 U	<0.19 U	<0.2 U	<4.8 U	<0.18 U	<0.19 U	<0.2 U
Benzyl Butyl Phthalate	85-68-7	NS		mg/kg	<0.26 U	<0.27 U	<0.27 U	<0.28 U	<6.7 U	<0.26 U	<0.27 U	<0.28 U
Bis(2-chloroethoxy) methane	111-91-1	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<3.2 U	<0.12 U	<0.13 U	<0.13 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS		mg/kg	<0.12 U	<0.12 U	<0.12 U	<0.13 U	<3 U	<0.12 U	<0.12 U	<0.13 U
Bis(2-chloroisopropyl) ether	108-60-1	NS		mg/kg	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<3.4 U	<0.13 U	<0.14 U	<0.14 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS		mg/kg	<0.24 U	<0.25 U	<0.25 U	<0.26 U	<6.3 U	<0.24 U	<0.25 U	<0.26 U
Chrysene	218-01-9	2.2	4	mg/kg	<0.036 U	<0.0075 U	<0.0075 U	<0.0077 U	<0.0074 U	<0.007 U	<0.0076 U	<0.0079 U
Dibenz(a,h)anthracene	53-70-3	**0.028**	6	mg/kg	**<0.06 U**	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.012 U	<0.013 U	<0.013 U
Dibenzofuran	132-64-9	66	6	mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<2.7 U	<0.1 U	<0.11 U	<0.11 U
Dibutyl phthalate	84-74-2	NS		mg/kg	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<3.2 U	<0.12 U	<0.13 U	<0.13 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB47	SB47	SB47	SB48	SB48	SB48	SB49	SB49
				Sample Name	SB47-2.0	SB47-5.0	SB47-15.0	SB48-2.0	SB48-5.0	SB48-15.0	SB49-2.0	SB49-5.0
				Sample Date	12/05/2024	12/05/2024	12/05/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024	12/06/2024
				Sample Depth	2	5	15	2	5	15	2	5
				Unit	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds												
Diethyl phthalate	84-66-2	NS		mg/kg	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<3.3 U	<0.13 U	<0.13 U	<0.14 U
Dimethyl phthalate	131-11-3	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.12 U	<2.8 U	<0.11 U	<0.11 U	<0.12 U
Dioctyl phthalate	117-84-0	NS		mg/kg	<0.25 U	<0.27 U	<0.27 U	<0.27 U	<6.7 U	<0.25 U	<0.27 U	<0.28 U
Fluoranthene	206-44-0	87	[4]	mg/kg	<0.044 U	<0.0093 U	<0.0092 U	<0.0095 U	<0.0092 U	<0.0087 U	<0.0094 U	<0.0097 U
Fluorene	86-73-7	5.9	[4]	mg/kg	<0.053 U	<0.011 U	<0.011 U	<0.012 U	<0.011 U	<0.011 U	<0.011 U	<0.012 U
Hexachlorobenzene	118-74-1	NS		mg/kg	<0.087 U	<0.093 U	<0.092 U	<0.095 U	<2.3 U	<0.087 U	<0.093 U	<0.096 U
Hexachlorobutadiene	87-68-3	NS		mg/kg	<0.14 U	<0.15 U	<0.14 U	<0.15 U	<3.6 U	<0.14 U	<0.14 U	<0.15 U
Hexachlorocyclopentadiene	77-47-4	NS		mg/kg	<0.094 U	<0.1 U	<0.1 U	<0.1 U	<2.5 U	<0.094 U	<0.1 U	<0.1 U
Hexachloroethane	67-72-1	NS		mg/kg	<0.1 U	<0.11 U	<0.11 U	<0.11 U	<2.6 U	<0.1 U	<0.11 U	<0.11 U
Indeno(1,2,3-cd)pyrene	193-39-5	1.1	[3]	mg/kg	<0.066 U	<0.014 U	<0.014 U	<0.014 U	<0.014 U	<0.013 U	<0.014 U	<0.015 U
Isophorone	78-59-1	NS		mg/kg	<0.087 U	<0.092 U	<0.092 U	<0.094 U	<2.3 U	<0.087 U	<0.092 U	<0.096 U
Naphthalene	91-20-3	**0.03**	[4]	mg/kg	**<0.049 U**	<0.01 U	<0.01 U	<0.011 U	<0.01 U	<0.0097 U	<0.01 U	<0.011 U
Nitrobenzene	98-95-3	NS		mg/kg	<0.15 U	<0.16 U	<0.16 U	<0.16 U	<3.9 U	<0.15 U	<0.16 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS		mg/kg	<0.097 U	<0.1 U	<0.1 U	<0.11 U	<2.6 U	<0.097 U	<0.1 U	<0.11 U
n-Nitrosodi-N-Propylamine	621-64-7	NS		mg/kg	<0.093 U	<0.099 U	<0.098 U	<0.1 U	<2.5 U	<0.093 U	<0.099 U	<0.1 U
n-Nitrosodiphenylamine	86-30-6	NS		mg/kg	<0.093 U	<0.099 U	<0.098 U	<0.1 U	<2.4 U	<0.093 U	<0.099 U	<0.1 U
Pentachlorophenol	87-86-5	NS		mg/kg	<2 U	<2.1 U	<2.1 U	<2.2 U	<53 U	<2 U	<2.1 U	<2.2 U
Phenanthrene	85-01-8	NS		mg/kg	<0.082 U	<0.017 U	<0.017 U	<0.018 U	<0.017 U	<0.016 U	<0.017 U	<0.018 U
Phenol	108-95-2	NS		mg/kg	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<2.8 U	<0.11 U	<0.11 U	<0.12 U
Pyrene	129-00-0	44	[4]	mg/kg	<0.048 U	<0.01 U	<0.0099 U	<0.01 U	<0.0099 U	<0.0094 U	<0.01 U	<0.01 U
Pyridine	110-86-1	NS		mg/kg	<0.26 U	<0.27 U	<0.27 U	<0.28 U	<6.8 U	<0.26 U	<0.27 U	<0.28 U

Table 5
Soil Analytical Results: Semi-Volatile Organic Compounds
CRC Huntington Beach Property
Huntington Beach, CA

Notes:

Soil results were compared Site-specific screening levels that are a compilation of [1] EPA RSL Residential Soil (November 2024), RWQCB [2] Soil Direct Exposure Construction Worker: Any Land Use ESL, [3] Soil Direct Exposure Residential ESL, [4] Leaching to Groundwater ESL, and [5] Soil Gross Contamination ESL (July 2025), [6] CA DTSC Residential Soil (April 2025), and [7] Average Background Arsenic Concentration from "Determination of a Southern California Regional Background Arsenic Concentration in Soil" published by the CA DTSC (2008)

RWQCB - Regional Water Quality Control Board

ESL - Environmental Screening Level

DTSC - Department of Toxic Substance Control

CAS - Chemical Abstract Service

NS - No standard

mg/kg - Milligrams per kilogram

NA - Not Analyzed

MDL - Method Detection Limit

<MDL - Not detected

Qualifiers:

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. (Alpha)

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the MDL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds Site-Specific Soil Screening Levels

Table 6
Soil Analytical Results:Polychlorinated Biphenyls
CRC Huntington Beach Property
Huntington Beach, CA

Analyte	CAS Number	Site-Specific Soil Screening Levels		Location	SB9	SB9	SB9	SB10	SB10	SB11	SB11	SB12	SB12	SB13	SB13	SB14	SB14	SB15	SB15	SB16	SB16
				Sample Name	SB9-0.5	SB9-2.0	SB9-5.0	SB10-0.5	SB10-2.0	SB11-0.5	SB11-2.0	SB12-0.5	SB12-2.0	SB13-0.5	SB13-2.0	SB14-0.5	SB14-2.0	SB15-0.5	SB15-2.0	SB16-0.5	SB16-2.0
				Sample Date	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/26/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024	11/25/2024
				Sample Depth	0.5	2	5	0.5	2	0.5	2	0.5	2	0.5	2	0.5	2	0.5	2	0.5	2
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Polychlorinated Biphenyl																					
PCB-1016 (Aroclor 1016)	12674-11-2	4.1	[6]	mg/kg	<0.041 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.042 U	<0.045 U	<0.047 U	<0.045 U	<0.046 U	<0.05 U	<0.043 U	<0.046 U
PCB-1221 (Aroclor 1221)	11104-28-2	0.2	[6]	mg/kg	<0.041 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.042 U	<0.045 U	<0.047 U	<0.045 U	<0.046 U	<0.05 U	<0.043 U	<0.046 U
PCB-1232 (Aroclor 1232)	11141-16-5	0.17	[6]	mg/kg	<0.041 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.042 U	<0.045 U	<0.047 U	<0.045 U	<0.046 U	<0.05 U	<0.043 U	<0.046 U
PCB-1242 (Aroclor 1242)	53469-21-9	0.23	[6]	mg/kg	<0.041 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.042 U	<0.045 U	<0.047 U	<0.045 U	<0.046 U	<0.05 U	<0.043 U	<0.046 U
PCB-1248 (Aroclor 1248)	12672-29-6	0.24	[6]	mg/kg	<0.041 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.043 U	<0.044 U	<0.044 U	<0.045 U	<0.042 U	<0.045 U	<0.047 U	<0.045 U	<0.046 U	<0.05 U	<0.043 U	<0.046 U
PCB-1254 (Aroclor 1254)	11097-69-1	0.24	[6]	mg/kg	<0.027 U	<0.028 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.029 U	<0.031 U	<0.029 U	<0.03 U	<0.033 U	<0.028 U	<0.03 U
PCB-1260 (Aroclor 1260)	11096-82-5	0.24	[6]	mg/kg	<0.027 U	<0.028 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.029 U	<0.031 U	<0.029 U	<0.03 U	<0.033 U	<0.028 U	<0.03 U
PCB-1262 (Aroclor 1262)	37324-23-5	0.23	[6]	mg/kg	<0.027 U	<0.028 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.029 U	<0.031 U	<0.029 U	<0.03 U	<0.033 U	<0.028 U	<0.03 U
PCB-1268 (Aroclor 1268)	11100-14-4	0.23	[6]	mg/kg	<0.027 U	<0.028 U	<0.029 U	<0.028 U	<0.029 U	<0.028 U	<0.028 U	<0.029 U	<0.029 U	<0.028 U	<0.029 U	<0.031 U	<0.029 U	<0.03 U	<0.033 U	<0.028 U	<0.03 U

Table 6
Soil Analytical Results:Polychlorinated Biphenyls
CRC Huntington Beach Property
Huntington Beach, CA

Notes:

Soil results were compared Site-specific screening levels that are a compilation of [1] EPA RSL Residential Soil (November 2024), RWQCB [2] Soil Direct Exposure Construction Worker: Any Land Use ESL, [3] Soil Direct Exposure Residential ESL, [4] Leaching to Groundwater ESL, and [5] Soil Gross Contamination ESL (July 2025), [6] CA DTSC Residential Soil (April 2025), and [7] Average Background Arsenic Concentration from "Determination of a Southern California Regional Background Arsenic Concentration in Soil" published by the CA DTSC (2008)

RWQCB - Regional Water Quality Control Board

ESL - Environmental Screening Level

DTSC - Department of Toxic Substance Control

CAS - Chemical Abstract Service

NS - No standard

mg/kg - Milligrams per kilogram

NA - Not Analyzed

MDL - Method Detection Limit

<MDL - Not detected

Qualifiers:

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument. (Alpha)

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the MDL.

B - The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds Site-Specific Soil Screening Levels

APPENDIX A

BORING LOGS

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Log of Boring **SB1** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.5 ft — Rock Depth: Not Encountered
Size and Type of Bit: Not Applicable	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy
Sampler: Not Applicable	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray CONCRETE [CONCRETE]	0	M-1	HA	18/18			
	N/A	Dark reddish brown CLAY, (5YR, 3/2), slight odor, medium plasticity (moist) [CL]	1	M-2	HA	6/6		0.1	SB1-1.5 @ 1014
	N/A	Dark reddish brown CLAY, (5YR, 3/2), slight odor, medium plasticity (moist) [CL]	2	M-3	HA	6/6		0.0	; SB1-2.5 @ 1021
		End of Boring at 2.5ft.	3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB2** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 5.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: Not Applicable	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy
Sampler: Not Applicable	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark gray Sandy fine CLAY, (10YR, 3/1), medium plasticity, slight odor (moist) [CL]	0	M-1A	HA	60/60		41.0	SB2-0.5 @ 0955
		Black fine CLAY, (5YR, 2.5/1), medium plasticity, odor (moist) [CL]	1–2	M-1B				5.3	SB2-2.0 @ 1001
		Reddish brown fine CLAY, (5YR, 3/3), medium plasticity (moist) [CL]	3–4	M-1C					
	N/A	Reddish brown fine CLAY, (5YR, 3/3), medium plasticity (moist) [CL]	4–5	M-1D					SB2-5.0 @ 1328
		End of Boring at 5.0ft.	5–16						

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Log of Boring **SB3** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy
Sampler: Hand Auger	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark gray fine SAND, (5YR, 3/1), loose, poorly graded (moist) [SP]	0	M-1A	HA	24/24		2.6	SB3-0.5 @ 1051
	N/A	Dark reddish brown Clayey fine SAND, (5YR, 3/2) (moist) [SC]	1	M-1B				1.0	SB3-2.0 @ 1059
	N/A	End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB4** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark reddish brown medium SAND, (5YR, 3/2), Loose (moist) [SP]	0	M-1A	Macrocore	24/24		9.1	; SB4-0.5 @ 1111
	N/A	Dark gray medium SAND, (7.5YR, 4/1), Loose (moist) [SP]	1	M-1B					
	N/A	Dark gray Silty fine SAND, (7.5YR, 3/1), Loose (moist) [SM]		M-1C				1.5	SB4-2.0 @ 1120
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB5** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Reddish brown coarse SAND, (5 YR, 4/4), well graded (moist) [SW]	0	M-1A	Macrocore	24/24		0.0	; SB5-0.5 @ 0926
		Dark gray coarse SAND, (5 YR, 3/1), well graded, slight odor (moist) [SW]	1	M-1B				62.0	
	N/A	Dark gray Clayey fine SAND, (5 YR, 3/1), well graded, slight odor (moist) [SW]		M-1C				9.5	SB5-2.0 @ 0938
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB6** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 5.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray CONCRETE [CONCRETE]	0	M-1A					
	N/A	Dark gray Sandy coarse CLAY, (5YR, 3/1), loose, well graded (moist) [CL]	1	M-1B				212.0	SB6-1.5 @ 1033
		Black fine CLAY, (5YR, 2.5/1), soft, strong odor (moist) [CL]	2	M-1C	Macrocore	60/60		2240	SB6-2.0 @ 1040
		Black fine CLAY, (5YR, 2.5/1), soft, strong odor (moist) [CL]	3						
			4	M-1D					
	N/A	Dark reddish brown Sandy fine CLAY, (5YR, 3/3), loose (moist) [CL]	5	M-1E				0.4	SB6-5.0 @ 1347
		End of Boring at 5.0ft.	6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB7** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray CONCRETE [CONCRETE]	0	M-1A	Macrocore	24/24		2.2	SB7-0.5 @ 1127
	N/A	Dark gray Gravelly coarse SAND, (7.5YR, 4/1), well graded (moist) [SW]	1	M-1B					
	N/A	Dark gray Silty fine SAND, (7.5YR, 4/1), loose (moist) [SM]	2	M-1C				0.3	SB7-2.0 @ 1134
	N/A	End of Boring at 2.0ft.	3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB8** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 5.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark reddish brown medium SAND, (5YR, 3/3), well graded (moist) [SP]	0	M-1A	Macrocore	60/60		0.6	SB8-0.5 @ 1141
	N/A	Black CLAY, (5YR, 2.5/1), medium plasticity,slight odor (moist) [CL]	1					0.7	SB8-2.0 @ 1150
			2	M-1B					
		Reddish brown CLAY, (5YR, 4/4), medium plasticity,slight odor (moist) [CL]	3						
			4	M-1C					
	N/A	Reddish brown Silty fine SAND, (5YR, 4/3) (moist) [SM]	5	M-1D				0.0	SB8-5.0 @ 1405
	N/A	End of Boring at 5.0ft.	6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB9** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/26/2024 — Date Finished: 11/26/2024
Drilling Equipment: Hand Auger	Completion Depth: 5.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Black ASPHALT [ASPHALT]	M-1A	Macrocore	60/60		2420	SB9-0.5 @ 0844
		Black Sandy fine CLAY, (5YR, 2.5/1), fine, loose, strong HC odor (moist) [CL]	M-1B					
		Dark brown Sandy fine CLAY, (7.5YR, 3/2), fine, loose (moist) [CL]					5.8	SB9-2.0 @ 0852
			M-1C					
	N/A	strong brown Sandy fine CLAY, (7.5YR, 4/6), loose (moist) [CL]	M-1D				1.6	SB9-5.0 @ 0925
		End of Boring at 5.0ft.						

Depth Scale: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

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Log of Boring **SB10** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/26/2024 — Date Finished: 11/26/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A — Completion N/A — 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Black ASPHALT [ASPHALT]	0	M-1A	Macrocore	24/24		81.3	SB10-0.5 @ 0821
	N/A	Dark gray coarse SAND, (5YR, 3/1), poorly graded, slight odor (moist) [SP]	1	M-1B					
	N/A	Dark reddish brown Sandy fine CLAY, (5YR, 3/2), loose (moist) [CL]	2	M-1C				0.0	SB10-2.0 @ 0833
	N/A	End of Boring at 2.0ft.	3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

LANGAN

Log of Boring **SB11** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/26/2024 — Date Finished: 11/26/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark gray Clayey fine SAND, (5YR, 3/1) (moist) [SC]	0	M-1A	Macrocore	24/24		0.0	; SB11-0.5 @ 0802
	N/A	Dark reddish brown fine CLAY, (5YR, 3/2) (moist) [CL]	1	M-1B				0.0	SB11-2.0 @ 0809
	N/A	End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB12** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/26/2024 — Date Finished: 11/26/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark gray Sandy fine CLAY, (5YR, 3/1) (moist) [CL]	0	M-1A	Macrocore	24/24		0.0	; SB12-0.5 @ 0738
	N/A	Dark reddish brown fine CLAY, (5YR, 3/3) (moist) [CL]	1	M-1B				0.0	SB12-2.0 @ 0745
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB13** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/26/2024 — Date Finished: 11/26/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark reddish brown Sandy fine CLAY, (5YR, 3/2) (moist) [CL]	0	M-1A	Macrocore	24/24		0.0	; SB13-0.5 @ 0725
	N/A	Dark reddish brown fine CLAY, (5YR, 3/2), medium plasticity (moist) [CL]	1	M-1B				0.0	SB13-2.0 @ 0732
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB14** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Black fine CLAY, (5YR, 2.5/1) (moist) [CL]	0	M-1A	Macrocore	24/24		0.0	; SB14-0.5 @ 1509
	N/A	Dark reddish brown fine CLAY, (5YR, 3/2), medium plasticity (moist) [CL]	1	M-1B				0.0	SB14-2.0 @ 1514
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB15** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Dark reddish brown Sandy coarse CLAY, (5YR, 3/2) (moist) [CL]	0	M-1A	Macrocore	24/24		0.0	; SB15-0.5 @ 1444
	N/A	Dark reddish brown Sandy coarse CLAY, (5YR, 3/2) (moist) [CL]	1	M-1B				0.9	SB15-2.0 @ 1449
		End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB16** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location:	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 11/25/2024 — Date Finished: 11/25/2024
Drilling Equipment: Hand Auger	Completion Depth: 2.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 1 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Loren Ayres
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Black coarse SAND, (5YR, 2.5/1), poorly graded (moist) [SP]	0	M-1A	Macrocore	24/24		0.6	SB16-0.5 @ 1430
	N/A	Dark reddish brown fine CLAY, (5YR, 3/2), medium plasticity (moist) [CL]	1	M-1B				0.0	SB16-2.0 @ 1436
	N/A	End of Boring at 2.0ft.	2						
			3						
			4						
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						

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Log of Boring **SB17** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe 6712DT	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Brown SAND, loose (moist) [SP]	0						Start Drilling: 0 ft, 8:26 AM
			1						
			2	HA	HA	60/60		1.1	SB17-2.0 @ 0826
			3						
			4						
	N/A	Dark brown CLAY, trace sand (moist) [CH]	5					31.0	SB17-5.0 @ 0840
			6						
			7	M	Macrocore	60/60			
			8						
			9						
			10						
		change to grey brown	11						
			12	M	Macrocore	60/60			
	N/A	change to light brown	13						
		Gray SAND, well graded, loose (moist) [SP]	14						
			15					0.0	SB17-15.0 @ 0850
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 8:50 AM

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Log of Boring **SB18** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	ASPHALT, 4 in [ASPHALT]	0						Start Drilling: 0 ft, 12:23 AM
		Brown well graded SAND, trace gravel (moist) [SW]	1						
			2	HA	HA	60/60		0.0	SB18-2.0 @1225
	N/A	Brown CLAY (moist) [CH]	3						
			4						
			5					0.0	SB18-5.0 @ 1235
			6						
			7	M	Macrocore	60/60			
			8						
			9						
			10						
			11						
			12	M	Macrocore	60/60			
	N/A	Gray Silty CLAY, petroleum-like odor (moist) [CL]	13						
	N/A	Gray CLAY (moist) [CH]	14					74.7	SB18-14.0 @ 1245
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 12:45 PM
			16						

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Log of Boring **SB19** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 1:15 PM
	N/A	Brown CLAY, petroleum-like odor (moist) [CL]	1						
			2	HA	HA	60/60		2.8	SB19-2.0 @1325
			3						
			4						
	N/A		5					1.1	SB19-5.0 @ 1335
		Brown SAND, well graded (moist) [SW]	6						
	N/A		7	M	Macrocore	60/60			
		Dark brown CLAY (moist) [CL]	8						
			9						
			10						
			11						
		change to olive brown	12	M	Macrocore	60/60			
			13						
	N/A		14					0.0	SB19-15.0 @ 1350
		Brown SAND, well graded (moist) [SW]	15						Stop Drilling: 15 ft, 13:50 PM
	N/A	End of Boring at 15.0ft.	16						

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Log of Boring **SB20** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Hand Auger @ 12:40 PM
		Brown SAND, well graded (moist) [SW]	1						
			2	HA	HA	60/60		0.9	SB20-2.0 @ 1255
			3						
	N/A		4						
		Brown CLAY (moist) [CH]	5					0.0	SB20-5.0 @ 1300
			6						
			7	M	Macrocore	60/60			
			8						
			9						
		change to tan brown	10						
			11						
			12	M	Macrocore	60/60			
	N/A		13						
		Tan brown CLAY with SAND (moist) [CL]							
	N/A		14						
		Tan brown SAND, well graded (moist) [SW] change to sand						0.0	SB20-15.0 @ 1315
	N/A		15						Stop Drilling: 15 ft, on 12/03/2024 @ 1:16 PM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB21** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe 671207	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	3.5 in Concrete slab [CONCRETE]	0						Start coring 0 ft, 08:30 AM
		Very dark gray Silty SAND, well sorted with trace clay, noticeable petroleum-like odor (moist) [SM]	1						Hand Auger @ 09:00 AM
	N/A	Gray SAND, trace gravel, noticeable petroleum-like odor (moist) [SW]	2	HA	HA	60/60		15.8	SB21-2.0 @ 0905
			3						
			4					24.2	
	N/A	Gray CLAY (moist) [CH]	5					5.0	SB21-5.0 @ 0915
		change to dark brown	6						
			7	M	Macrocore	60/60			
			8						
			9						
			10						
		change to grey	11						
			12	M	Macrocore	60/60			
	N/A	SAND, well graded, loose (moist) [SP]	13						
	N/A	Gray CLAY (moist) [CH]	14						
	N/A	Tannish brown SAND, well graded, loose (moist) [SP]	15					0.0	SB21-15.0 @ 0930
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 09:30 PM

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Log of Boring **SB22** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	3.5 in Concrete slab [CONCRETE]	0						Concrete core
		Brown SAND, well graded, trace gravel (moist) [SW]	1						Hand Auger @ 11:00
			2					3.4	SB22-2.0 @ 1105
	N/A	Dark brown CLAY, trace gravel (moist) [CH]	3	HA	HA	60/60			
			4						
			5					2.4	SB22-5.0 @ 1115
			6						
			7	M	Macrocore	60/60			
			8						
			9						
		change to brown	10						
			11						
		Light brown CLAY, some silt (moist) [CH]	12	M	Macrocore	60/60			
		Brown CLAY (moist) [CH]	13						
	N/A		14						
		Brown SAND, well graded (moist) [SW]						0.0	SB22-15.0 @ 1130
	N/A		15						Stop Drilling: 15 ft, 11:25 PM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB23** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	3.5 in Concrete slab [CONCRETE]	0						Concrete core Hand Auger @ 09:41
	N/A	Gray Silty SAND, trace clay, some gravel, noticeable petroleum-like odor [SM]	1						
			2	HA	HA	60/60		21.7	SB23-2.0 @ 0950
	N/A	Very dark gray CLAY, trace sand, noticeable HC odor (moist) [CL]	3						
			4						
			5					22.1	SB23-5.0 @ 1000
		change to dark brown	6						
			7	M	Macrocore	60/60			
		change to brown	8						
			9						
		change to tan brown	10						
			11						
			12	M	Macrocore	60/60			
	N/A		13						
	N/A	Gray SAND, well graded, loose (moist) [SW]							
		Gray CLAY (moist) [CH]	14						
	N/A							0.0	SB23-15.0 @ 1010
	N/A	Tan brown SAND, well graded, loose (moist) [SW]	15						Stop Drilling: 15 ft, 10:10 AM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB24** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	3.5 in Concrete slab [CONCRETE]	0						Start Drilling: 0 ft, 10:15 AM
		Very dark gray Silty SAND, well sorted, trace clay (moist) [SM]	1						Hand Auger @ 10:20
	N/A	Dark brown CLAY (moist) [CH]	2	HA	HA	60/60		0.0	SB24-2.0 @ 1025
			3						
			4						
			5					2.0	SB24-5.0 @ 1035
			6						
			7	M	Macrocore	60/60			
			8						
			9						
		change to brown	10						
			11						
	N/A	Brown SAND, well graded, loose (moist) [SW]	12	M	Macrocore	60/60			
	N/A	Brown CLAY (moist) [CH]	13						
	N/A	Tan brown SAND, well graded sand, loose (moist) [SW]	14					0.0	SB24-15.0 @ 1050
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 10:50 AM
			16						

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Log of Boring **SB25** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Tan brown Silty SAND, trace clay (moist) [SM]	0					0.0	Start Drilling: 0 ft, 7:55 AM
			1					0.0	
		change to brown	2	M	Macrocore	60/60		0.0	SB25-2.0 @ 0805
			3					0.0	
			4					0.0	
	N/A	Brown Clayey SAND (moist) [SC]	5					0.0	SB25-5.0 @ 0810
			6					0.0	
	N/A	Brown fine to coarse SAND (moist) [SP]	7	M	Macrocore	60/60		0.0	
	N/A	Brown Clayey SAND (moist) [SC]	8					0.0	
	N/A	Tan brown Silty SAND (moist) [SM]	9					0.0	
			10					0.0	
			11					0.0	
			12	M	Macrocore	60/60		0.0	
			13					0.0	
			14					0.0	
	N/A		15					0.0	SB25-15.0 @ 0815
		End of Boring at 15.0ft.	16						

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Log of Boring **SB26** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								Start Drilling: 0 ft, 9:10 AM
	N/A	Brown SAND, fine to coarse (moist) [SW]	0						
		Black SAND, coarse, some gravel, staining and petroleum-like odor (moist) [SP]	1						
	N/A	Black Clayey SAND, petroleum-like odor (moist) [SC]						88.0	
			2	HA	HA	60/60		110.0	SB26-2.0 @ 0925
		change to brown	3						
			4					37.6	
			5					20.9	SB26-5.0 @ 0930
			6					0.0	
	N/A		7					0.0	
		Reddish brown Silty SAND (moist) [SM]		M	Macrocore	60/60			
			8					0.0	
			9					0.0	
		change to tan brown	10					0.0	
			11					0.0	
		change to brown	12	M	Macrocore	60/60		0.0	
			13					0.0	
			14					0.0	
	N/A							0.0	SB26-15.0 @ 0940
		End of Boring at 15.0ft.	15						
			16						

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Log of Boring **SB27** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 / Date Finished: 12/6/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								Start Drilling: 0 ft, 8:29 AM
	N/A	Gray GRAVEL, fair-like staining, petroleum-like odor (dry) [GW]	0						
			1					24.2	SB27-1.0 @ 0835
	N/A	Very dark brown coarse SAND, with silt, some staining, petroleum-like odor (moist) [SP]	2	M	Macrocore	60/60		8.2	
	N/A	Dark brown Silty SAND (moist) [SM]	3					0.0	
		change to brown	4					0.0	
			5					0.0	SB27-5.0 @ 0845
			6					0.0	
			7					0.0	
	N/A	Brown coarse SAND (moist) [SP]	8	M	Macrocore	60/60		0.0	
	N/A	Brown Silty SAND (moist) [SM]	9					0.0	
			10					0.0	
			11					0.0	
		change to tan brown	12					0.0	
			13	M	Macrocore	60/60		0.0	
			14						
	N/A		15					0.0	SB27-15.0 @ 0850
		End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 8:50 AM

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Log of Boring **SB28** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/3/2024 — Date Finished: 12/3/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 2:40 PM
	N/A	Brown SAND, well graded, some silt (moist) [SW]	1						Hand Auger @ 14:40
			2	HA	HA	60/60		0.0	SB28-2.0 @1445
	N/A	Brown SILT with sand (moist) [ML]	3						
			4						
	N/A	Brown fine to medium Sandy CLAY (moist) [CL]	5					0.0	SB28-5.0 @ 1455
			6						
			7	M	Macrocore	60/60			
			8						
			9						
	N/A	Tannish brown Silty fine to medium SAND (moist) [SM]	10						
			11						
			12	M	Macrocore	60/60			
	N/A	Olive brown Silty fine to medium SAND, some clay (moist) [SM]	13						
			14						
			15					0.0	SB28-15.0 @ 1510
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 3:10 PM

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Log of Boring **SB29** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray coarse GRAVEL (dry) [GW]	0						Start Drilling: 0 ft, 1:25 PM
	N/A	Black Sandy CLAY, with gravel (coarse), tar-like staining and petroleum-like odor (moist) [CL]	1					54.0	
		Black Sandy CLAY, staining and HC odor (moist) [CL]	2	M	Macrocore	60/60		57.0	SB29-2.0 @ 1345
			3					4.4	
			4					3.4	
		change to brown	5					1.2	SB29-5.0 @ 1350
			6					0.9	
			7	M	Macrocore	60/60		0.9	
	N/A		8					1.2	
		Brown Silty SAND (moist) [SM]	9					0.8	
			10					0.7	
			11					0.0	
			12	M	Macrocore	60/60		0.0	
			13					0.0	
			14					0.0	
	N/A		15					0.0	SB29-15.0 @1355
		End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 1:55 PM

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Log of Boring **SB30** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Hand Auger @ 07:33
	N/A	Brown Sandy CLAY (moist) [CL]	1						
			2	HA	HA	60/60		0.1	SB30-2.0 @ 745
			3						
			4						
			5					3.7	SB30-5.0 @ 0755
			6						
			7	M	Macrocore	60/60			
	N/A		8						
		Tan brown Silty SAND (moist) [ML]	9						
			10						
			11						
	N/A		12	M	Macrocore	60/60			
		Brown CLAY (moist) [CL]	13						
	N/A		14						
		Tan brown Silty SAND, trace gravel [ML]						0.1	SB30-15.0 @ 0805
	N/A		15						Stop Drilling: 15 ft, 8:05 AM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB31** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray coarse GRAVEL (dry) [GW]	0						Start Drilling: 0 ft, 12:45 PM
		Black Sandy CLAY, staining with tar-like staining and petroleum-like odor (moist) [CL]	1					54.5	
			2	M	Macrocore	60/60		35.7	SB31-2.0 @ 1255
		Black Sandy CLAY, staining and petroleum-like odor (moist) [CL]	3					56.3	
			4					23.8	
			5					17.5	
		change to brown	6					2.0	SB31-6.0 @ 1315
			7	M	Macrocore	60/60		0.8	
	N/A	Brown Silty SAND (moist) [SM]	8					0.5	
			9					0.4	
			10					0.4	
			11					0.4	
		change to tan brown	12	M	Macrocore	60/60		0.4	
			13					0.4	
		change to brown	14					0.3	
			15					0.2	SB31-15.0 @ 1320
	N/A	End of Boring at 15.0ft.							Stop Drilling: 15 ft, 13:20 PM
			16						

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Log of Boring **SB32** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 8:00 AM
	N/A	Brown CLAY (moist) [CL]	1						Hand Auger @ 08:00
			2	HA	HA	60/60		0.2	SB32-2.0 @ 0820
			3						
			4						
			5					0.1	SB32-05 @ 0825
			6						
			7	M	Macrocore	60/60			
	N/A		8						
		Tan brown Silty SAND (moist) [ML]	9						
			10						
			11						
	N/A		12	M	Macrocore	60/60			
		Brown CLAY (moist) [CL]	13						
	N/A		14						
		Tan brown Silty SAND (moist) [ML]						0.0	SB32-15.0 @ 0830
	N/A		15						Stop Drilling: 15 ft, 8:30 AM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB33** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								Start Drilling: 0 ft, 12:05 PM
	N/A	Light brown fine to coarse SAND, with fine to medium gravel (dry) [SM]	0						
	N/A	Gray coarse GRAVEL, tar-like staining and petroleum-like odor (dry) [GW]	1					0.6	SB33-1.5 @ 1215
	N/A	Black Sandy CLAY, staining and petroleum-like odor (moist) [CL]	2	M	Macrocore	60/60		53.8	
	N/A	Dark brown Clayey SAND (moist) [SC]	3					6.3	
		change to reddish brown	4					2.3	
			5					0.3	SB33-5.0 @ 1230
			6					0.4	
			7	M	Macrocore	60/60		0.6	
	N/A	Brown Silty SAND (moist) [SM]	8					0.5	
			9					0.1	
		change to light brown	10					0.1	
			11					0.2	
			12	M	Macrocore	60/60		0.2	
			13					0.2	
			14					0.2	
	N/A		15					0.2	SB33-15.0 @ 1235
		End of Boring at 15.0ft.							Stop Drilling: 15 ft, 12:05 PM
			16						

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Log of Boring **SB34** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 11:10 AM
	N/A	Dark brown Sandy CLAY (moist) [CL]	1						
			2	HA	HA	60/60		0.0	SB34-2.0 @ 1115
	N/A	Brown Silty SAND (moist) [SM]	3						
			4						
	N/A	Brown CLAY (moist) [CL]	5					0.1	SB34-5.0 @ 1125
			6						
			7	M	Macrocore	60/60			
			8						
	N/A	Tan brown Silty SAND (moist) [SM]	9						
			10						
			11						
			12	M	Macrocore	60/60			
	N/A	Tan brown CLAY (moist) [CL]	13						
	N/A	Tan brown Silty SAND (moist) [SM]	14					0.0	SB34-15.0 @ 1130
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 11:11 AM
			16						

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Log of Boring **SB35** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Light brown CLAY (moist) [CL]	0						Start Drilling: 0 ft, 9:50 AM
	N/A	Light brown SAND, with fine to medium gravel (dry) [SW]	1					15.0	
		change to brown							
	N/A	Gray GRAVEL, with tar-like staining and petroleum-like odor [GW]	2	M	Macrocore	60/60		56.0	SB35-2.0 @ 0930
	N/A	Black Clayey SAND, staining and petroleum-like odor (moist) [SC]							
	N/A	Dark brown Silty SAND (moist) [SM]	3					183.0	
			4					37.0	
		change to brown	5					0.7	SB35-5.0 @ 1005
			6					0.6	
			7	M	Macrocore	60/60		2.2	
			8					0.6	
			9					0.6	
			10						
			11					0.5	
		change to yellowish-brown	12	M	Macrocore	60/60			
			13					0.5	
		change to light brown	14						
	N/A							0.5	SB35-15.0 @ 1010
		End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 10:10 AM
			16						

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Log of Boring **SB36** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 11:33 AM
	N/A	Dark brown Sandy CLAY (moist) [CL]	1						
			2	HA	HA	60/60		0.0	SB36-2.0 @ 1135
	N/A	Brown Silty SAND (moist) [SM]	3						
			4						
	N/A	Brown CLAY (moist) [CL]	5					0.0	SB36-5.0 @ 1140
			6						
	N/A	Tan brown to orangish brown Silty SAND (moist) [SM]	7	M	Macrocore	60/60			
			8						
			9						
			10						
			11						
			12	M	Macrocore	60/60			
			13						
	N/A		14						
		Tan brown Sandy CLAY (moist) [CL]						0.0	SB36-15.0 @ 1200
	N/A		15						Stop Drilling: 15 ft, 12:00 PM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB37** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 / Date Finished: 12/5/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Brown CLAY (moist) [CL]	0						Start Drilling: 0 ft, 9:15 AM
	N/A	Dark gray coarse GRAVEL [GP]	1						
	N/A	Dark brown Silty SAND (moist) [SM]	2	M	Macrocore	60/60		0.1	SB37-2.0 @ 0930
			3						
	N/A	Brown CLAY (moist) [CL]	4						
			5					0.2	SB37-5.0 @ 0935
		Brown Sandy CLAY (moist) [CL]	6						
			7	M	Macrocore	60/60			
	N/A	Light brown Silty SAND (moist) [SM]	8						
			9						
			10						
			11						
			12	M	Macrocore	60/60			
			13						
		change to brown	14						
								0.0	SB37-15.0 @ 0940
	N/A		15						Stop Drilling: 15 ft, 9:40 AM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB38** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 2:25 AM
		Brown Silty SAND (moist) [SM]	1						
			2	HA	HA	60/60		0.0	SB38-2.0 @ 1425
			3						
			4						
			5					0.0	SB38-5.0 @ 1440
			6						
			7	M	Macrocore	60/60			
			8						
			9						
		change to light brown	10						
			11						
			12	M	Macrocore	60/60			
			13						
		change to tan brown	14						
								0.0	SB38-15.0 @ 1450
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 2:50 PM
			16						

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Log of Boring **SB39** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 / Date Finished: 12/6/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Gray GRAVEL [GP]	0						Start Drilling: 0 ft, 2:15 PM
	N/A	Black Silty SAND, staining and petroleum-like odor (moist) [SM]	1					13.0	
		change to dark brown	2	M	Macrocore	60/60		97.0	SB39-2.0 @ 1425
			3					75.0	
		change to brown	4					3.0	
			5					2.0	SB20-5.0 @ 1435
			6					1.3	
			7	M	Macrocore	60/60		0.9	
	N/A		8					0.8	
		Brown Clayey SAND [SC]	9						
	N/A		10					0.8	
		Tan brown coarse SAND (moist) [SP]	11						
	N/A	Brown Silty SAND [SM]	12					0.8	
			13	M	Macrocore	60/60		0.8	
		change to tan brown	14						
			15					0.6	SB29-15.0 @ 1445
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 2:45 PM

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Log of Boring **SB40** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	4 in ASPHALT [ASPHALT]	0						Hand Auger @ 1:18 PM
		Brown Silty SAND (moist) [SM]	1						
			2	HA	HA	60/60		0.0	SB40-2.0 @ 1325
			3						
			4						
			5					0.0	SB40-5.0 @ 1330
			6						
	N/A		7	M	Macrocore	60/60			
		Tan brown fine to coarse SAND, trace silt (moist) [SW]	8						
			9						
			10						
	N/A		11						
		Tan brown Silty SAND (moist) [SM]	12	M	Macrocore	60/60			
			13						
			14						
			15					0.0	SB40-15.0 @ 1335
	N/A	End of Boring at 15.0ft.							Stop Drilling: 15 ft, 1:35 PM
			16						

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Log of Boring **SB41** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Hand Auger @ 12:36
	N/A	Dark brown Silty SAND (moist) [SM]	1						
		change to brown	2	HA	HA	60/60		0.0	SB41-2.0 @ 1250
			3						
			4						
			5					0.0	SB41-5.0 @ 1255
	N/A	Brown CLAY (moist) [CL]	6						
			7	M	Macrocore	60/60			
	N/A	Brown fine to coarse SAND (moist) [SW]	8						
			9						
			10						
			11						
	N/A	Tannish brown Silty SAND (moist) [SM]	12	M	Macrocore	60/60			
			13						
			14						
			15					0.0	SB41-15.0 @ 1310
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 1:10 PM

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Log of Boring **SB42** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	Brown fine to coarse SAND (moist) [SW]	0						Start Drilling: 0 ft, 9:50 AM
		Very dark brown Silty SAND, petroleum-like odor (moist) [SM]	1					24.6	
			2					12.0	SB42-2.0 @ 1000
	N/A	Dark brown Clayey SAND (moist) [SC]		HA	HA	60/60			
			3						
			4						
			5					2.5	SB42-5.0 @ 1005
			6					0.0	
			7					0.0	
	N/A	Brown coarse SAND (moist) [SP]		M	Macrocore	60/60			
	N/A	Brown Silty SAND (moist) [SM]	8					0.0	
			9					0.0	
		change to tan brown	10					0.0	
			11					0.0	
			12					0.0	
				M	Macrocore	60/60			
			13					0.0	
			14					0.0	
								0.0	SB42-15.0 @ 1010
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 10:10 AM
			16						

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Log of Boring **SB43** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/4/2024 — Date Finished: 12/4/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 1:30 PM
		Brown Silty SAND (moist) [SM]	1					0.4	
			2	HA	HA	60/60		0.0	SB43-2.0 @ 1355
			3						
			4						
			5					0.0	SB43-5.0 @ 1400
			6						
			7	M	Macrocore	60/60			
	N/A		8						
		Tannish brown fine to coarse SAND (moist) [SW]	9						
	N/A		10						
		Brown Silty SAND (moist) [SM]	11						
			12	M	Macrocore	60/60			
			13						
	N/A		14						
		Tannish brown fine SAND (moist) [SW]						0.0	SB43-15.0 @ 1405
	N/A		15						Stop Drilling: 15 ft, 1:55 PM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB44** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Brown fine to coarse SAND, trace gravel (dry) [SW]	0						Start Drilling: 0 ft, 10:45 AM
	N/A	Brown fine to coarse SAND, some clay (moist) [SW]	1					475.0	
	N/A	Black Clayey SAND, staining and petroleum-like odor (moist) [SC]	2	HA	HA	60/60		194.4	SB44-2.0 @ 1050
			3					294.4	
			4					268.0	
	N/A	change to brown	5					13.9	SB44-5.0 @ 1055
		Brown SAND, trace clay (moist) [SP]	6					1.9	
			7	M	Macrocore	60/60		0.8	
	N/A	Light brown Silty SAND (moist) [SM]	8					0.7	
			9					0.6	
			10					0.9	
		change to reddish brown	11					0.8	
			12	M	Macrocore	60/60		0.6	
		change to brown	13					0.6	
			14					0.5	
	N/A		15					0.6	SB44-15.0 @1100
		End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 11:00 AM

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Log of Boring **SB45** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								Start Drilling: 0 ft, 1:40 PM
	N/A	Gray GRAVEL, petroleum-like odor (dry) [GP]	0						
		Brown Silty SAND [SM]	1					1.7	
			2	M	Macrocore	60/60		0.9	SB45-2.0 @ 1350
			3					0.3	
			4					0.3	
			5					0.0	SB45-5.0 @ 1355
			6					0.0	
			7	M	Macrocore	60/60		0.0	
	N/A		8					0.0	
		Brown coarse SAND [SP]	9					0.0	
			10					0.0	
			11					0.6	
	N/A		12	M	Macrocore	60/60		0.5	
		Brown Silty SAND [SM]	13					0.5	
			14					0.6	SB45-15.0 @ 1400
	N/A	change to light brown	15						Stop Drilling: 15 ft, 2:00 PM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB46** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 7:50 AM
	N/A	Brown fine to coarse SAND (moist) [SW]	1						
	N/A	Brown CLAY (moist) [CH]	2	HA	HA	60/60		0.0	SB46-2.0 @ 0800
			3						
			4						
	N/A	Brown fine to coarse SAND (moist) [SW]	5					0.0	SB46-5.0 @ 0805
			6						
			7	M	Macrocore	60/60			
			8						
	N/A	Light brown Silty SAND (moist) [SM]	9						
			10						
			11						
			12	M	Macrocore	60/60			
		change to tan brown	13						
			14						
								0.0	SB46-15.0 @ 0815
	N/A		15						Stop Drilling: 15 ft, 8:15 AM
		End of Boring at 15.0ft.	16						

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Log of Boring **SB47** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/5/2024 — Date Finished: 12/5/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	4 in ASPHALT [ASPHALT]	0						Start Drilling: 0 ft, 8:40 AM
	N/A	Dark brown fine to coarse SAND, some clay, trace gravel (moist) [SP]	1						
	N/A	Dark brown Silty SAND (moist) [SM]	2	HA	HA	60/60		0.0	SB47-2.0 @ 0840
	N/A	Brown CLAY (moist) [CH]	3						
			4						
			5					0.0	SB47-5.0 @ 0850
	N/A	Reddish brown fine to coarse SAND (moist) [SP]	6						
			7	M	Macrocore	60/60			
	N/A	Brown Silty SAND (moist) [SM]	8						
			9						
			10						
			11						
			12	M	Macrocore	60/60			
		change to tan brown	13						
			14						
								0.1	SB47-15.0 @ 0900
	N/A	End of Boring at 15.0ft.	15						Stop Drilling: 15 ft, 9:00 AM
			16						

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Log of Boring **SB48** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 / Date Finished: 12/6/2024
Drilling Equipment: Geoprobe	Completion Depth: 15.0 ft / Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A / Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Macrocore	Field Engineer: Nilma Edwards
Sampler Hammer: N/A / Weight (lbs): N/A / Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A								
	N/A	Brown SAND, some coarse gravel (dry) [GP]	0						Start Drilling: 0 ft, 12:00 PM
		Brown Silty SAND (moist) [SM]	1						
			2	M	Macrocore	60/60		0.0	SB48-2.0 @ 1205
			3						
			4						
			5					0.0	SB48-5.0 @ 1210
			6						
			7	M	Macrocore	60/60			
			8					7.3	
	N/A	change to dark brown, staining	9					3.9	
		Light gray fine to coarse SAND (moist) [SW]	10					0.9	
			11					0.8	
			12	M	Macrocore	60/60		0.0	
	N/A		13					0.7	
		Grayish brown Silty SAND (moist) [SM]	14						
			15					0.7	SB48-15.0 @ 1220
	N/A	End of Boring at 15.0ft.	16						Stop Drilling: 15 ft, 12:20 PM

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Log of Boring **SB49** Sheet 1 of 1

Project: CRC Huntington Beach	Project No.: 700152701
Location: 20101 Goldenwest Street, CA, Huntington Beach	Elevation and Datum: N/A
Drilling Company: ABC Liovin Drilling Inc	Date Started: 12/6/2024 — Date Finished: 12/6/2024
Drilling Equipment: Hand Auger, Geoprobe	Completion Depth: 12.5 ft — Rock Depth: Not Encountered
Size and Type of Bit: N/A	Number of Samples: Disturbed 3, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Spencer Toy / Emmanuel Rivera
Sampler: Hand Auger; Macrocore	Field Engineer: Nilma Edward
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Brown coarse SAND, some gravel (dry) [SP]	0						Start Drilling: 0 ft, 1:25 PM
	N/A	Dark brown Clayey SAND (moist) [SC]	1						
	N/A	Brown Silty SAND (moist) [SM]	2	HA	HA	60/60		0.0	SB49-2.0 @ 1325
	N/A	Brown medium to coarse SAND (moist) [SP]	3						
	N/A	No Recovery	4						
			5					0.0	SB49-5.0 @ 1330
			6						
			7	M	Macrocore	60/60			
			8						
			9						
			10						
			11	M	Macrocore	30/30			
	N/A	End of Boring at 12.5ft.	12						Stop Drilling: 12.5 ft, 1:25 PM
			13						
			14						
			15						
			16						

APPENDIX B

GEOPHYSICAL SURVEY REPORT

Advantage Geophysics, Inc.
Gilbert, Arizona
San Diego, California
Portland, Oregon
www.advantagegeophysics.com

December 31, 2024

Mr. Travis Knight
Langan
18575 Jamboree Road, Suite 150
Irvine, California 92612

Subject: **Geophysical Evaluation**
CRC Huntington Beach Facility, Huntington Beach, California
Project No. 2024120

Dear Mr. Knight:

Advantage Geophysics (Advantage) has performed a geophysical evaluation pertaining to the subject project in Huntington Beach, California. The purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs), backfilled excavations associated with UST removal, and detectable utilities within selected portions of the project site. In addition, the presence of historic abandoned oil wells was evaluated within a portion of the project site. Specifically, our services included the performance of electromagnetic (EM) and magnetic (MAG) evaluations at preselected portions of the subject project. Our evaluation was conducted from November 20 through December 13, 2024. This report presents our methodology, equipment used, analysis, and findings.

SCOPE OF SERVICES

Our scope of services for the project included:

- Performance of geophysical evaluations to assess the presence of buried underground storage tanks (USTs), backfilled excavations associated with UST removal, detectable utilities, and the presence of historic abandoned oil wells within selected portions of the project site.
- Site reconnaissance including field mapping of surface structures at and near the study area.
- Compilation and analysis of the data collected.
- Preparation of this report presenting our findings, conclusions, and recommendations.

SITE AND PROJECT DESCRIPTION

The project site is located at 20101 Goldenwest Street in Huntington Beach, California (Figure 1a). Specifically, the site is located along Pacific Coast Highway 1 in between Goldenwest Street and Seapoint Street. The subject project is currently an operating oil field with active electric lines, wastewater lines, water lines, gas lines, sumps, storm drains, etc. Figure 1b depicts the approximate study areas and general site conditions. The study areas have been labeled as Historical Tank Farm and Former Stretford Unit, Central Site Buildings and Transformer Storage Area, Former Chem Lab, and Historical Southern Sumps.

Based on our discussions with you and review of historical aerial images and maps provided by your office, it is our understanding that the site has been used as an oil field for many years. It is also our understanding that several USTs and septic tanks may be in the areas of interest; however, there are only known locations in the Central Site Buildings area. Additionally, is our understanding that abandoned oil wells, active/abandoned utilities, and remnant building foundations may exist within the study areas.

GEOPHYSICAL INSTRUMENTATION AND APPLICATIONS

Our evaluation included the use of a Geonics model EM61-MK2 time-domain instrument, Geometrics G858 cesium vapor magnetometer, GSSI SIR 3000 Ground Penetrating Radar (GPR) units using a 400 MHz transducer, Schonstedt GA-52 magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, Vivax vLoc3-Pro line tracer and Stonex S700a Global Navigation Satellite System (GNSS) receiver.

The EM61 instrument is a high-resolution, electromagnetic (EM) time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long-time-interval (measured in milliseconds) after the termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a very sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects to a depth of approximately 11 feet generally can be detected.

The 858 magnetometer is a cesium vapor magnetometer, which measures the strength of the earth's magnetic field and the superposed magnetic field of ferromagnetic materials in its vicinity. The precision of the instrument is approximately $1/10^{th}$ gamma. The earth's magnetic field strength at the project site's latitude was roughly 45,937 gammas during our study (https://www.ngdc.noaa.gov/geomag). Solar geomagnetic activity for the magnetometer survey was predominantly quiet, according to the National Oceanic and Atmospheric Administration (NOAA) (ftp://ftp.swpc.noaa.gov/pub/warehouse). In addition, pre and post-survey measurements were collected at a test station to assess diurnal variations. Variations of less than 20 gammas were observed. Due to these relatively small magnetic field variances, no diurnal corrections were made to the recorded magnetometer data. The earth's magnetic field is inclined in the direction of the north magnetic pole. Because of this inclination, a buried ferromagnetic object generally is expressed as a paired anomaly with a positive (above background) slightly to the south and a negative slightly in the direction of magnetic north, whereas a long vertical ferromagnetic object (i.e., well) would generally be expressed as a positive (monopole). The anomaly caused by a buried oil well can be as much as several thousand gammas higher than the background and in some cases, create an anomaly as big as 50 feet in diameter. It should be noted that surface and subsurface metal objects (i.e., metal fencing, bollards, vehicles, utility lines, vaults, and risers, etc.) can influence the location and size of the magnetic response. In addition, the depth of burial, diameter and type of well casing, and inclination of the casing, can substantially change the amplitude and areal extent of the magnetic response. Typically, the well head is found within several feet of the peak positive magnetic value.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected to the antenna at boundaries in the subsurface across which there is an electrical contrast. The recorder continuously makes a record of the reflected energy as the antenna is moved across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The EM wave travels at a velocity unique to the material properties of the ground being studied, and when these velocities are known, or closely estimated from ground conductivity values and other information, two-way travel times can be converted to depth. Penetration into the ground and resolution of the GPR images produced are a function of ground electrical conductivity and dielectric constant. Images tend to be graphic, even at considerable depth, in sandy soils, but penetration and resolution may be limited in more conductive clayey moist ground. The magnetic gradiometer has two fluxgate magnetic fixed sensors that are passed close to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits an

audible signal at a low frequency. When the instrument passes over buried iron or steel objects (so that the field is significantly different at the two sensors) the frequency of the emitted sound increases. Frequency is a function of the gradient between the two sensors.

The M-Scope TW-6 device energizes the ground by producing an alternating primary magnetic field with alternating current (AC) in the transmitting coil. If conducting materials (including soils) are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents and outputs an audio response. The strength of the secondary field is a function of the conductivity of the object, its size, and its depth and position relative to the instrument's two coils. Conductive objects to a depth of approximately 10 feet are sensed. Also, the device is somewhat focused, that is, it is more sensitive to conductors below (and above) the instrument than to conductors off to the side.

Where risers are present, the Vivax vLoc3-Pro utility locator transmitter can be connected to the object, and a current is impressed on the conductor pipe or cable. The receiver unit is tuned to this same frequency, and it is used to trace the pipe's surface projection away from the riser. The transmitter and receiver can also be used in a non-connect (induction) mode, whereby the transmitter is positioned on the ground and an electromagnetic signal is emitted. In the presence of buried metal pipes and wires, a discrete signal will be induced on the conductor which can be sensed by the receiver. In addition, the instrument may be used in the passive mode, whereby radio and 60 Hz electromagnetic signals produced by communication and live electric lines are detected.

EVALUATION METHODOLOGY AND ANALYSIS

The collection of EM61 and MAG data was performed in conjunction with a Stonex S700a GNSS receiver unit for spatial control. The limits of our study area were generally selected by you (see Figures 1b and 2a through 2e). Traverses with the EM61 were conducted across accessible portions of the study area along generally northwest-southeast transects spaced approximately 5 feet apart. Traverses with the MAG were conducted across accessible portions of a portion of the site along generally northwest-southeast transects spaced approximately 10 feet apart. GPR traverses were conducted along roughly north-south and east-west transects spaced approximately 3 to 5 feet apart. GPR and EM61 traverses were also conducted along random profiles across and near detected features. Traverses with the M-Scope and gradiometer were conducted along transects spaced approximately 10 feet apart. The line tracer was used in passive, direct connect, and inductive modes to delineate the presence of underground utilities in the study area. The recorded EM61 and MAG data were downloaded to a portable computer in the field for preliminary analysis. Significant anomalies, as well as detectable underground utilities, were marked on the ground with surface paint, photographed, mapped, and reported to you upon completion of our time on site. Figures 3a through 3d display the general site conditions within the study areas during our evaluation.

RESULTS AND RECOMMENDATIONS

The results of our geophysical evaluation identified 12 candidate EM anomalies, two candidate backfilled excavation anomalies, seven candidate MAG anomalies, as well as numerous active utilities and unidentified lines within the evaluated areas (Figures 2a-2e and 4a-4e). The 12 candidate EM anomalies appear more representative of possible USTs and were labeled as Anomaly A through Anomaly L in Figures 2a through 2e and Figures 4a through 4e. Additional, numerous high EM responses were noted and seem to be representative of buried metallic utilities (represented as lines where linear in the data) and former structures (i.e. building elements, buried metallic debris, capped off abandoned utilities, etc.). Although several possible excavations and utility trenches were detected with GPR, two larger candidate backfilled excavation anomalies were found and labeled Excavations A and B. These features are noted

on Figures 2a and 2d and Figures 4a and 4d. The MAG study indicated seven candidate anomalies labeled as MAG Anomaly A through MAG Anomaly G. Although the response for these features appears to be affected by pipes, surface metal, former structures and metal debris, the responses in these areas are strong enough to represent abandoned wells. These features are noted in Figure 2e and Figure 4e. The following discusses the findings of each of the study areas.

The **Historical Tank Farm and Former Stretford Unit** area yielded candidate EM Anomalies A through C, Excavation A, and MAG Anomalies A through G (Figures 2a and 2e and Figures 4a and 4e). Additionally, it is clear from the EM and MAG data and the line tracing efforts that underground lines, former foundations, and other debris exist in the subsurface throughout the study area. GPR traverses over area indicated one fairly large possible excavation feature (Excavation A). The cause or nature of this feature is not known; however, appears as an area of disturbed soil and may be associated with the removal of a structure from this location. GPR traverses over candidate EM Anomalies A, B, and C were inconclusive as to their cause or nature, but the size and shape suggest that these features are good candidates for more direct methods. Additionally, candidate MAG Anomalies A through G should be located in the field for further evaluation by more direct methods.

The **Former Chem Lab** area (Figure 2b and Figure 4b) yielded EM Anomaly D through EM Anomaly F. EM Anomaly D was found to have a cleanout cover with a port at the surface which appears to be connected to a septic tank below the surface. GPR traverses over this feature appear to indicate a flat topped reinforced concrete structure. GPR traverses over EM Anomaly E and Anomaly F were inconclusive as to the cause or nature of these features and should be considered for further evaluation by more direct methods.

The **Historical Southern Sumps** area (Figure 2c and Figure 4c) yielded EM Anomaly G. GPR traverses over EM Anomaly G were inconclusive as to the cause or nature of this feature. The size and shape of this feature and the fact that a pipe terminates near this feature make this a viable candidate for a possible UST and, therefore, it should be considered for further evaluation by more direct methods.

The **Central Site Buildings and Transformer Storage Area** (Figure 3d and Figure 4d) yielded EM Anomalies H through L and Excavation B. While EM Anomaly H is long and linear in nature and likely associated with a foundation or utility line, EM Anomalies I, J, K and L are more suggestive of USTs. GPR over these features were inconclusive as to the cause or nature of these features but all based on size and amplitude, each of these EM anomalies should be considered for further evaluation by direct methods. Anomaly I is the most notable in the area as it is within the reported location of a former UST. The size and shape of EM Anomaly I suggests that a possible UST may still exist within this area. The cause or reason for the possible Excavation B is not known and appeared as an area of disturbed soil which suggests something has been removed from this area. This possible excavation feature appeared to be more than 4 or 5 feet deep with an aerial extent of approximately 65 feet long and 13 feet wide.

To further evaluate the features described above, we recommend that more direct methods be used. Such methods may include the excavation of exploratory trenches, test pits, and/or borings.

Our study utilized industry-standard equipment (i.e., GPR, electromagnetic, and magnetic instruments) and was conducted in general accordance with current practice. It should be noted that the presence of existing structures and surface objects (i.e., water tanks, stored materials, metal debris, and parked vehicles) may have potentially limited the study. Where obstructions were present, subsurface data could not be collected. Moreover, EM/magnetic responses produced by metal surface objects, reinforced concrete, and underground lines can potentially obscure subsurface features. Radar penetration at the site was approximately 3 to 5 feet below the ground surface; therefore, objects below this depth would not have been detected with GPR.

LIMITATIONS

The field evaluation and geophysical analyses presented within this document have been conducted in general accordance with current practice and the standard of care exercised by consultants performing similar tasks in the project area. No warranty, express or implied, is made regarding the conclusions and opinions presented within this document. There is no evaluation detailed enough to reveal every subsurface condition. Variations may exist, and conditions not observed or described in this document may be present. Uncertainties relative to subsurface conditions can be reduced through additional subsurface evaluation or exploration. Additional subsurface evaluations can be performed upon request.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Should the reader require additional information or have questions regarding the content, interpretations presented, or completeness of this document please contact the undersigned for clarification. This document is intended exclusively for use by the client. Any use of or reuse of the findings, conclusions, or recommendations presented herein by parties other than the client is undertaken at said parties' sole risk.

Please also note that our evaluation was limited to the detection of USTs and backfilled tank excavations, as well as the presence of detectable underground lines. "USA" or "Dig Alert" should also be contacted prior to conducting subsurface exploration activities. In addition, we recommend that available utility plans/drawings of the project site be reviewed as appropriate.

We appreciate the opportunity to be of service. Should you have questions, please contact the undersigned at your convenience.

Respectfully submitted,
Advantage Geophysics, Inc.





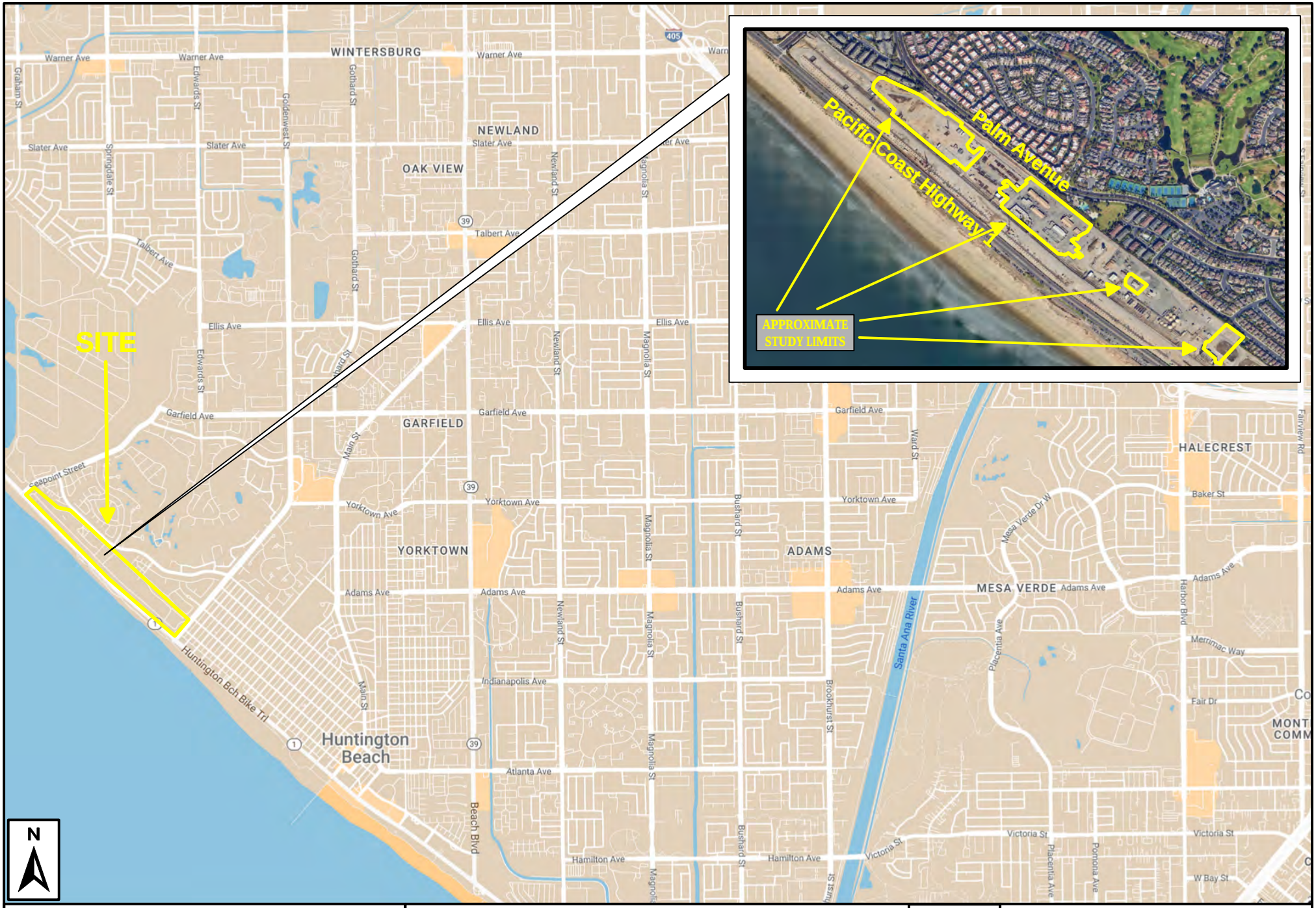
Ricardo Hernandez
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Principal Geologist/Geophysicist
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760.908.6215

Attachments:

	Figure 1a:	Site Location Map
	Figure 1b:	Study Area Map
	Figure 2a:	Site Map Historical Tank Farm and Former Stretford Unit
	Figure 2b:	Site Map Former Chem Lab
	Figure 2c:	Site Map Historical Southern Sumps
	Figure 2d:	Site Map Central Site Buildings and Transformer Storage Area
	Figure 2e:	Site Map MAG Data Historical Tank Farm and Former Stretford Unit
	Figure 3a:	Site Photographs Historical Tank Farm and Former Stretford Unit
	Figure 3b:	Site Photographs Former Chem Lab
	Figure 3c:	Site Photographs Historical Southern Sumps
	Figure 3d:	Site Photographs Central Site Buildings and Transformer Storage Area
	Figure 4a:	Site Data Map Historical Tank Farm and Former Stretford Unit
	Figure 4b:	Site Data Map Former Chem Lab
	Figure 4c:	Site Data Map Historical Southern Sumps
	Figure 4d:	Site Data Map Central Site Buildings and Transformer Storage Area
	Figure 4e:	Site Data Map MAG Data Historical Tank Farm and Former Stretford Unit

Distribution: tknight@langan.com



Site Location Map	CRC Huntington Beach Facility Huntington Beach, California	Figure 1a	Advantage GEOPHYSICS
	Project No.: 2024120	Date: 12/24	



Study Area Map

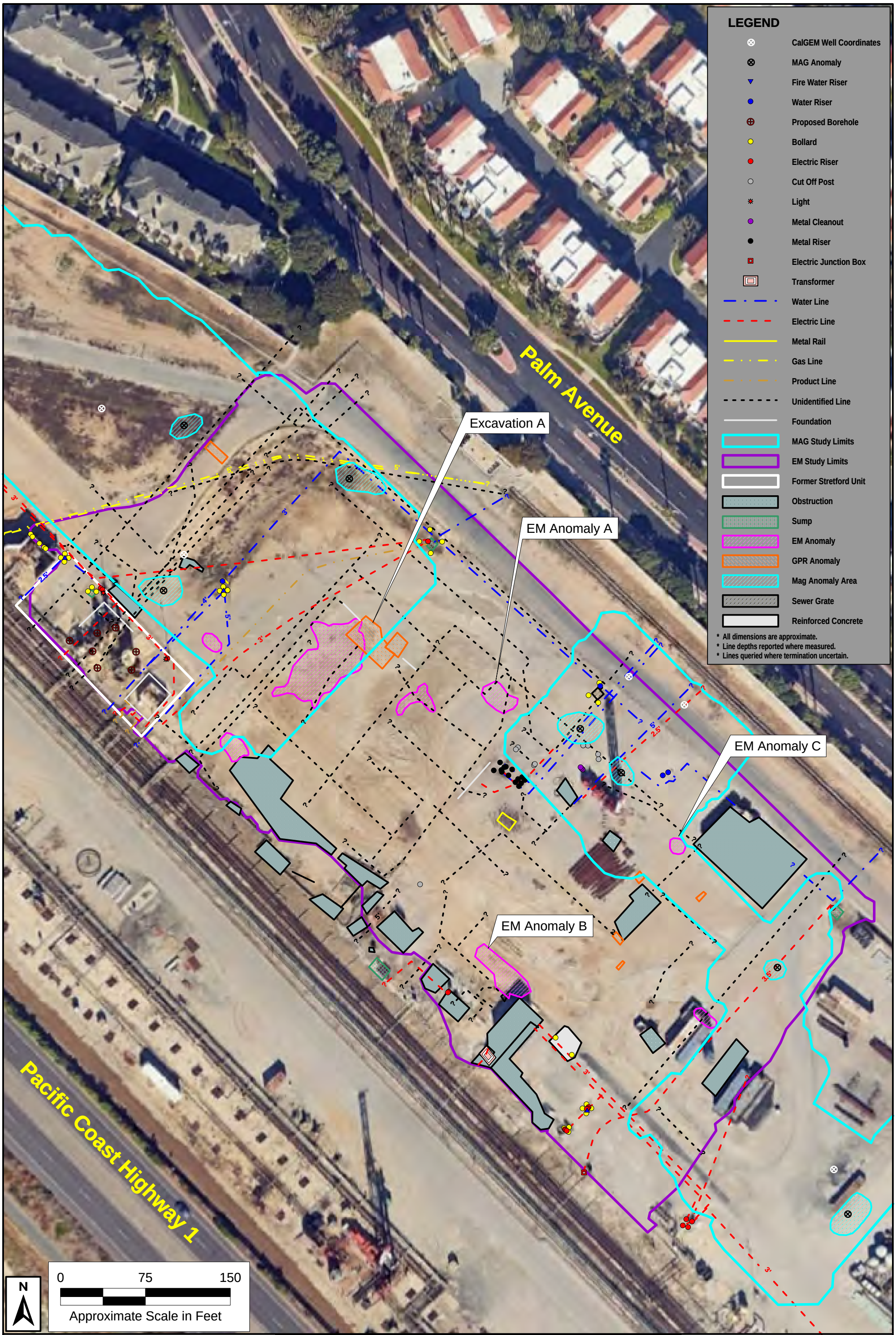
CRC Huntington Beach Facility
Huntington Beach, California

Project No.: 2024120

Figure 1b

Date: 12/24

Advantage GEOPHYSICS



Site Map
Historical Tank Farm and
Former Stretford Unit

CRC Huntington Beach Facility
Huntington Beach, California

Project No.: 2024120

Figure
2a

Date: 12/24

Advantage GEOPHYSICS

LEGEND

- Fire Water Riser
- Water Riser
- Proposed Borehole
- Bollard
- Electric Riser
- Cut Off Post
- Gas Riser
- Communication Riser
- Septic Clean Out
- Communication Line
- Water Line
- Electric Line
- Gas Line
- Unidentified Line
- Septic Tank
- EM Study Limits
- Obstruction
- EM Anomaly
- Trench
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

EM Anomaly D

EM Anomaly E

EM Anomaly F

N

0 30 60

Approximate Scale in Feet

Site Map Former Chem Lab	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 2b Date: 12/24	Advantage GEOPHYSICS

LEGEND

- Fire Water Riser
- Water Riser
- Bollard
- Electric Riser
- Metal Post
- Water Line
- Electric Line
- Unidentified Line
- Road Block Dividers
- Berm
- EM Study Limits
- Obstruction
- EM Anomaly
- Trench
- Sump
- Sewer Grate
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

Palm Avenue

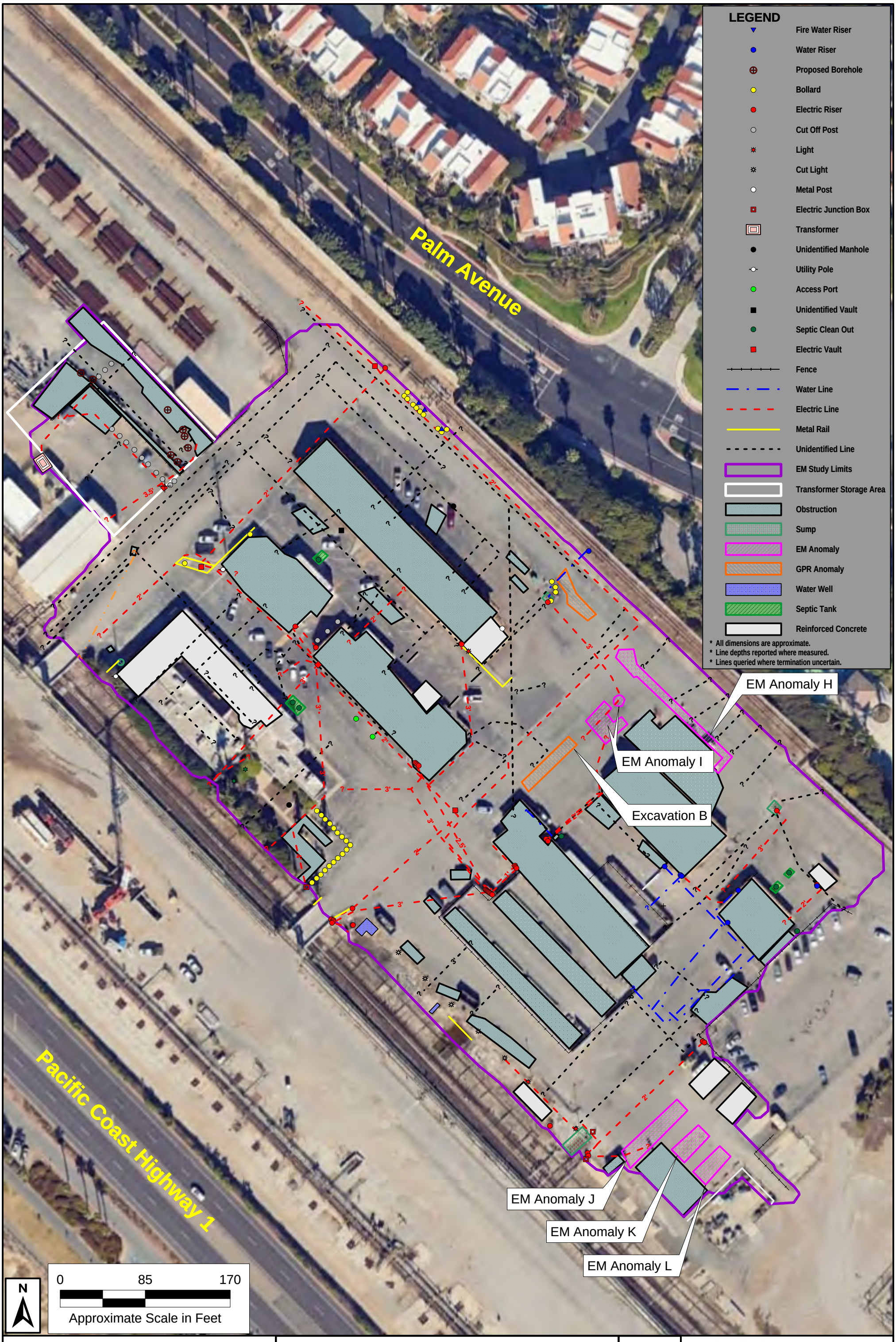
EM Anomaly G

N

0 40 80

Approximate Scale in Feet

Site Map Historical Southern Sumps	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 2c Date: 12/24	Advantage GEOPHYSICS



Site Map
Central Site Buildings and
Transformer Storage Area

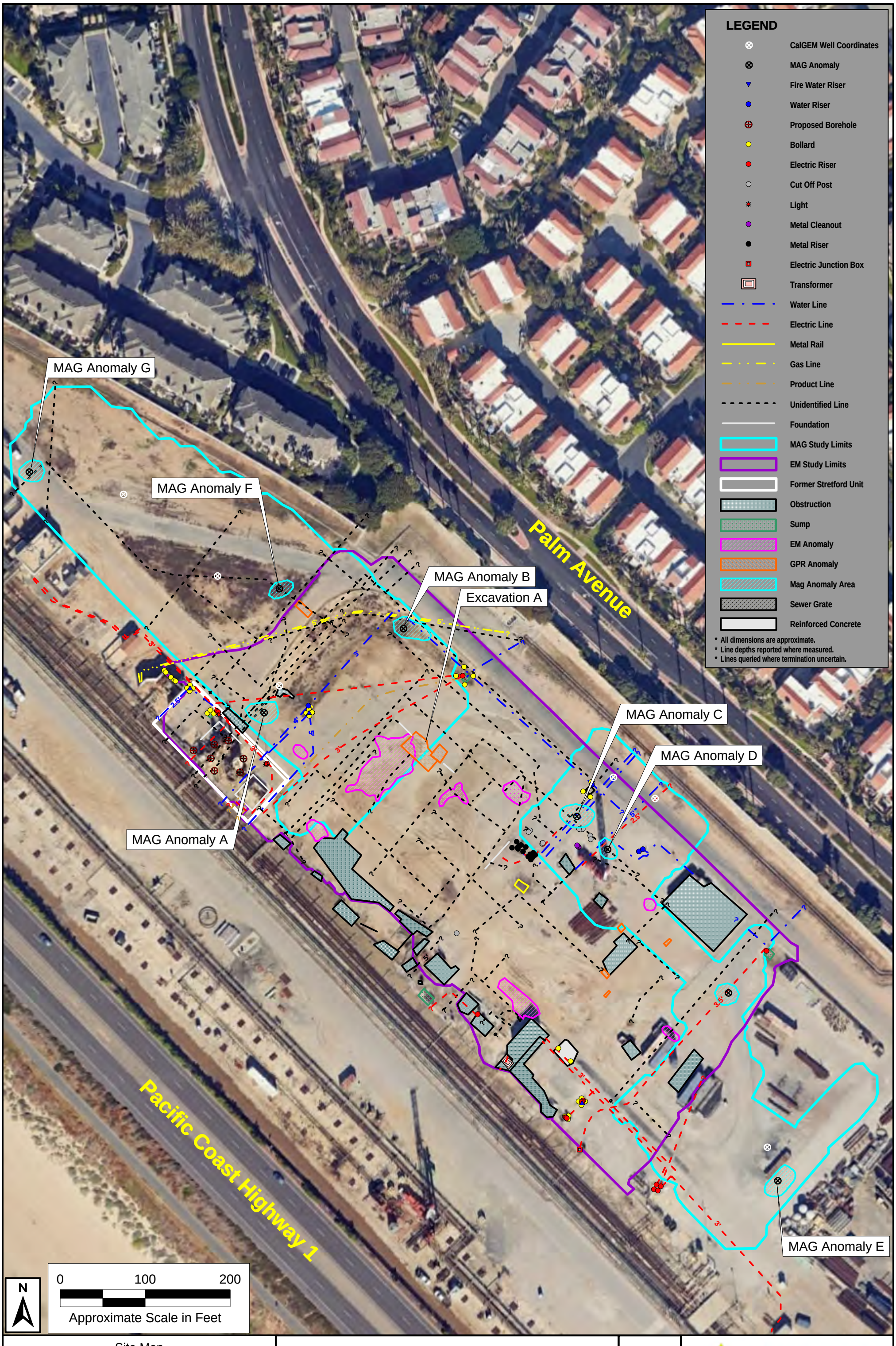
CRC Huntington Beach Facility
Huntington Beach, California

Project No.: 2024120

Figure
2d

Date: 12/24

Advantage GEOPHYSICS



Site Map
MAG Data
Historical Tank Farm and
Former Stretford Unit

CRC Huntington Beach Facility
Huntington Beach, California

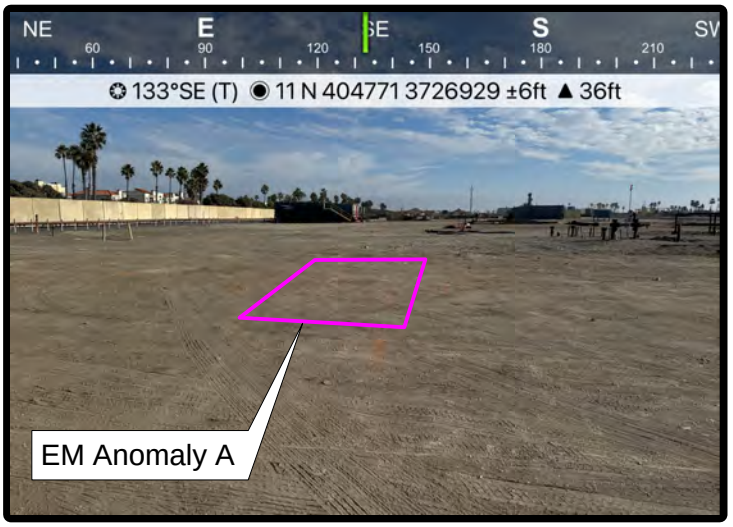
Project No.: 2024120

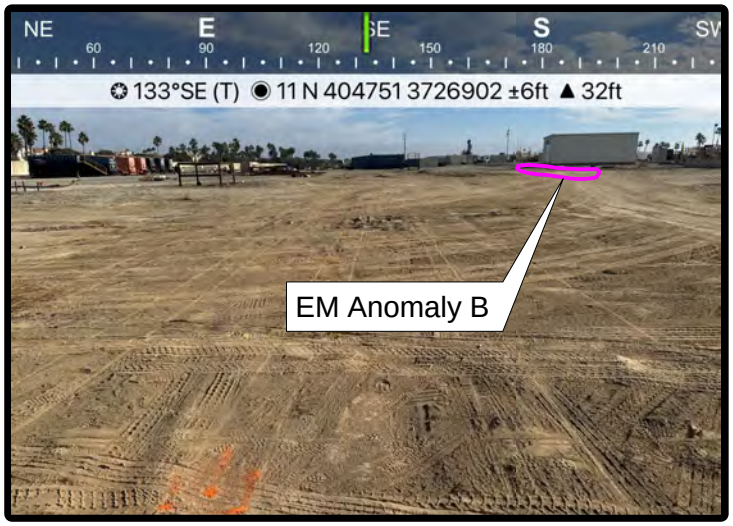
Figure
2e

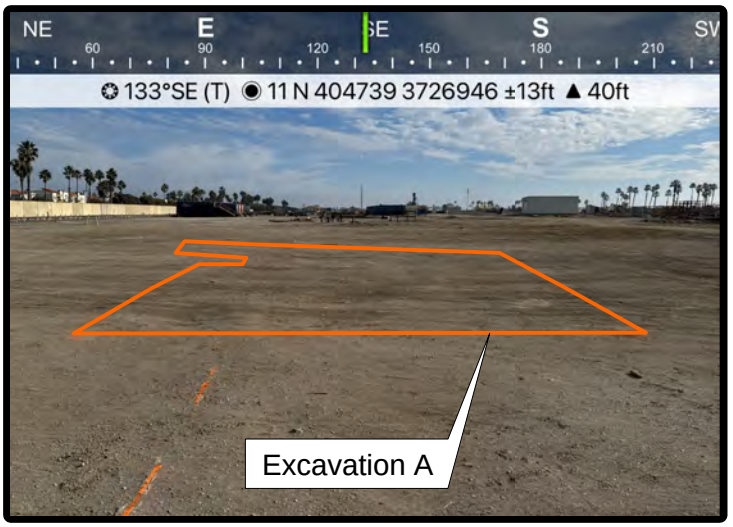
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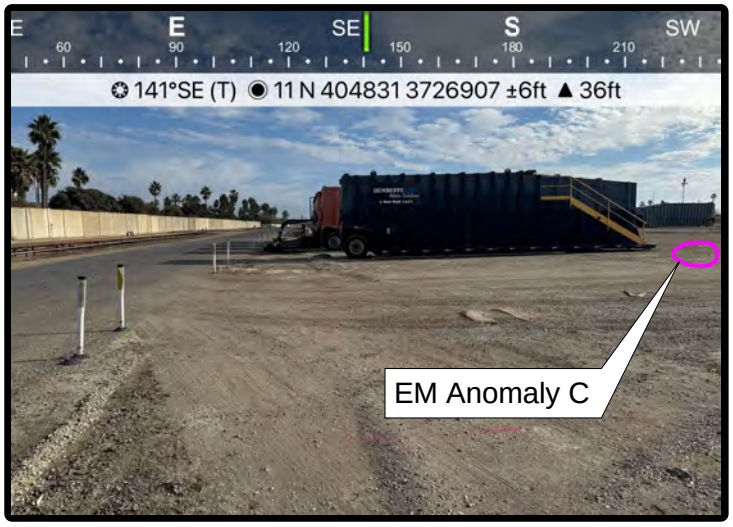
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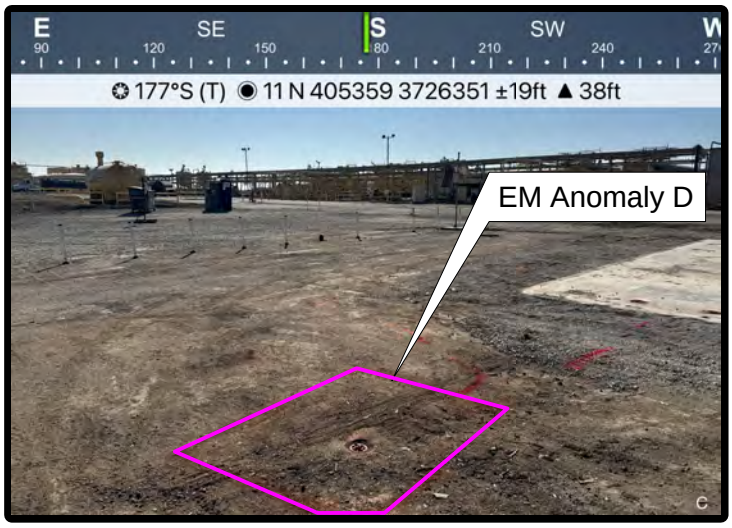


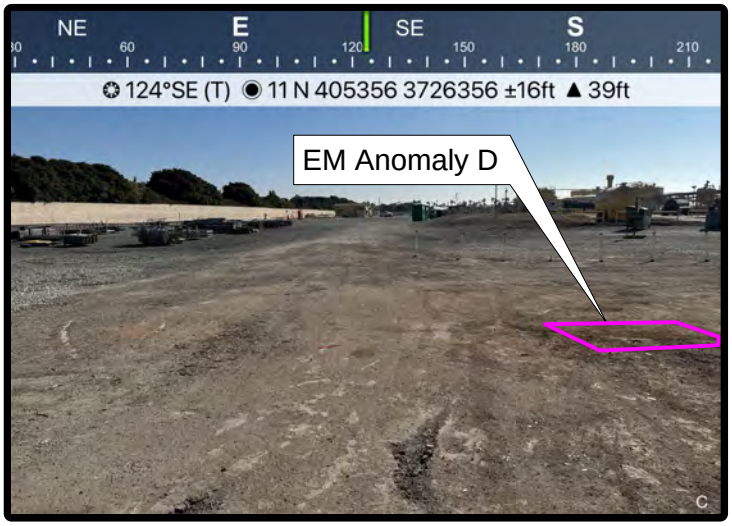


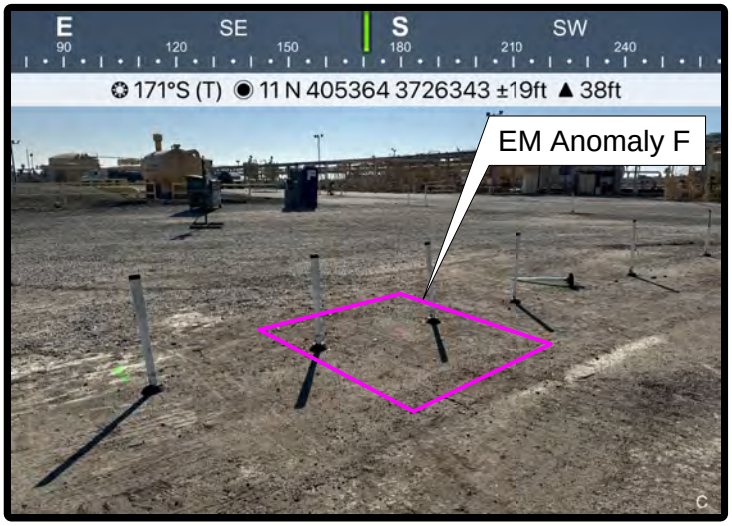
Site Photographs Historical Tank Farm and Former Stretford Unit	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 3a Date: 12/24	Advantage GEOPHYSICS

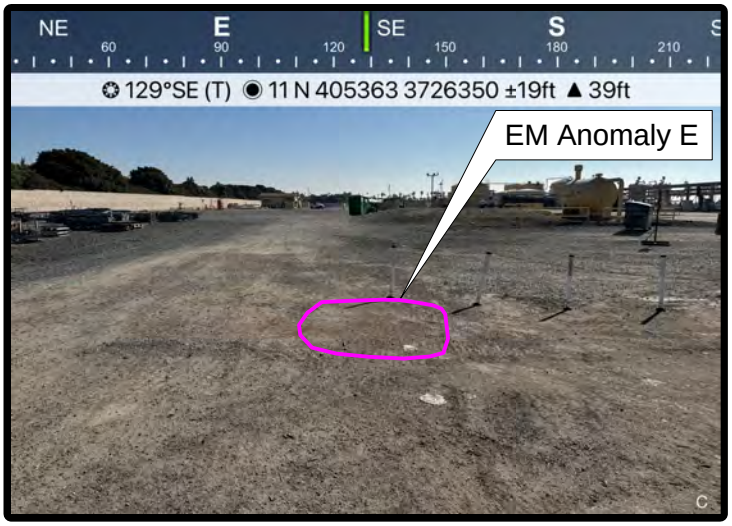












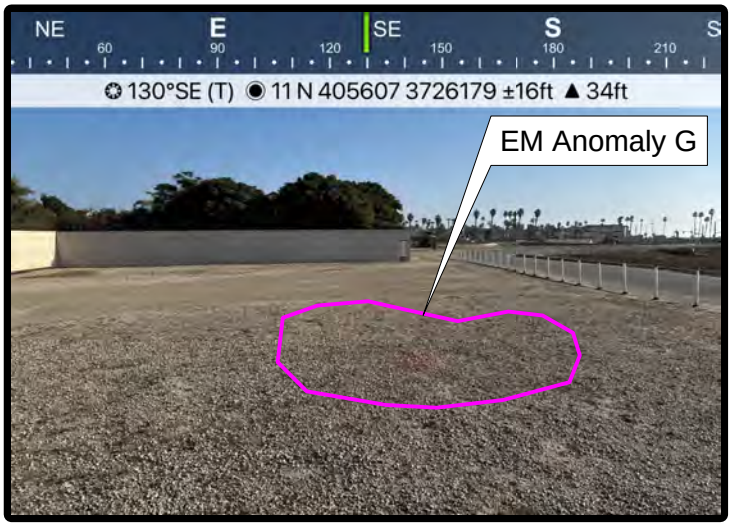
Site Photographs Former Chem Lab	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 3b Date: 12/24	Advantage GEOPHYSICS





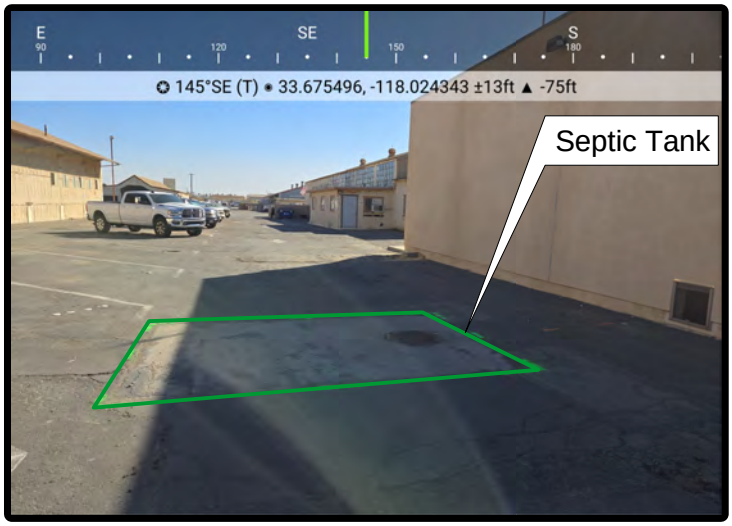


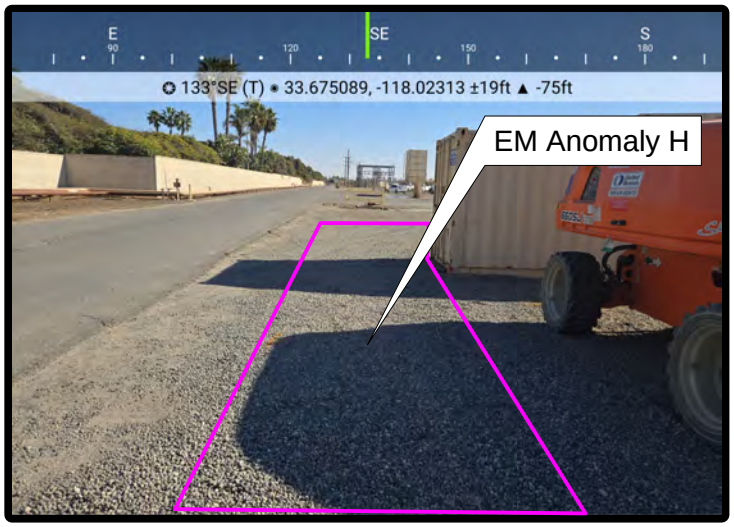






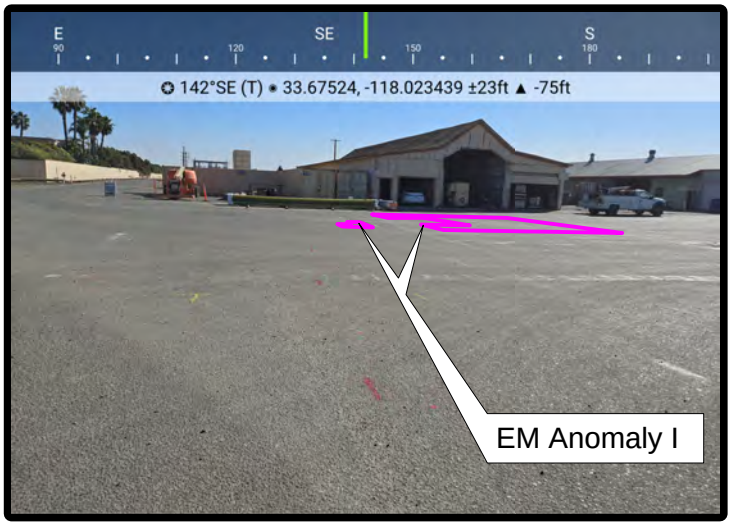
Site Photographs Historical Southern Sumps	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 3c Date: 12/24	Advantage GEOPHYSICS

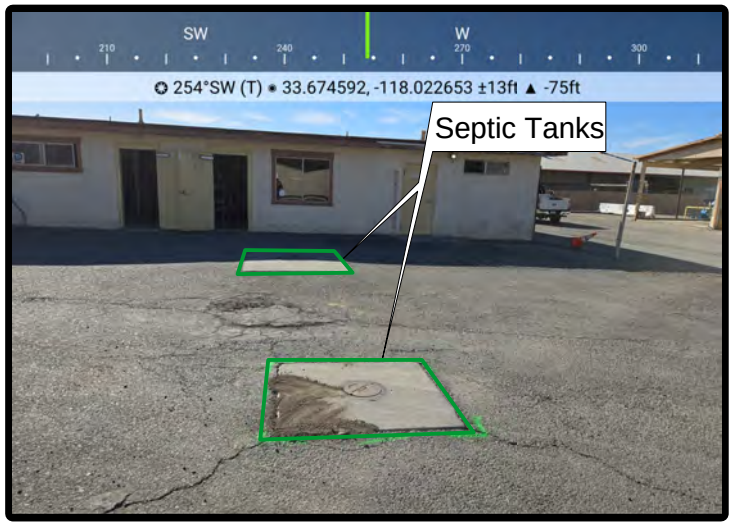












Site Photographs Central Site Buildings and Transformer Storage Area	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 3d Date: 12/24	Advantage GEOPHYSICS

EM61 Data (in mVolts)
CI = 750 mVolts

-200 300 800 1300 1800 2300 2800 3300 3800 4300 4800

LEGEND

- CalGEM Well Coordinates
- MAG Anomaly
- Fire Water Riser
- Water Riser
- Proposed Borehole
- Bollard
- Electric Riser
- Cut Off Post
- Light
- Metal Cleanout
- Metal Riser
- Electric Junction Box
- Transformer
- Water Line
- Electric Line
- Metal Rail
- Gas Line
- Product Line
- Unidentified Line
- Foundation
- MAG Study Limits
- EM Study Limits
- Former Stretford Unit
- Obstruction
- Sump
- EM Anomaly
- GPR Anomaly
- Mag Anomaly Area
- Sewer Grate
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

Palm Avenue

Excavation A

EM Anomaly A

EM Anomaly C

EM Anomaly B

Pacific Coast Highway 1

N

0 75 150

Approximate Scale in Feet

Site Data Map Historical Tank Farm and Former Stretford Unit	CRC Huntington Beach Facility Huntington Beach, California Project No.: 2024120	Figure 4a Date: 12/24	Advantage GEOPHYSICS

LEGEND

- Fire Water Riser
- Water Riser
- Proposed Borehole
- Bollard
- Electric Riser
- Cut Off Post
- Gas Riser
- Communication Riser
- Septic Clean Out
- Communication Line
- Water Line
- Electric Line
- Gas Line
- Unidentified Line
- Septic Tank
- EM Study Limits
- Obstruction
- EM Anomaly
- Trench
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

EM61 Data (in mVolts)
CI = 500 mVolts

-200 300 800 1300 1800 2300 2800 3300 3800 4300 4800

EM Anomaly D

EM Anomaly E

EM Anomaly F

N

0 30 60

Approximate Scale in Feet

Site Data Map Former Chem Lab	CRC Huntington Beach Facility Huntington Beach, California	Figure 4b	Advantage GEOPHYSICS
	Project No.: 2024120	Date: 12/24	

LEGEND

- Fire Water Riser
- Water Riser
- Bollard
- Electric Riser
- Metal Post
- Water Line
- Electric Line
- Unidentified Line
- Road Block Dividers
- Berm
- EM Study Limits
- Obstruction
- EM Anomaly
- Trench
- Sump
- Sewer Grate
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

EM61 Data (in mVolts)
CI = 1000 mVolts

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000

Palm Avenue

EM Anomaly G

N

0 40 80

Approximate Scale in Feet

Site Data Map Historical Southern Sumps	CRC Huntington Beach Facility Huntington Beach, California	Figure 4c	Advantage GEOPHYSICS
	Project No.: 2024120	Date: 12/24	

EM61 Data (in mVolts)
CI = 500 mVolts

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000

Palm Avenue

Pacific Coast Highway 1

EM Anomaly H

EM Anomaly I

Excavation B

EM Anomaly J

EM Anomaly K

EM Anomaly L

LEGEND

- Fire Water Riser
- Water Riser
- Proposed Borehole
- Bollard
- Electric Riser
- Cut Off Post
- Light
- Cut Light
- Metal Post
- Electric Junction Box
- Transformer
- Unidentified Manhole
- Utility Pole
- Access Port
- Unidentified Vault
- Septic Clean Out
- Electric Vault
- Fence
- Water Line
- Electric Line
- Metal Rail
- Unidentified Line
- EM Study Limits
- Transformer Storage Area
- Obstruction
- Sump
- EM Anomaly
- GPR Anomaly
- Water Well
- Septic Tank
- Reinforced Concrete

* All dimensions are approximate.
* Line depths reported where measured.
* Lines queried where termination uncertain.

N

0 85 170

Approximate Scale in Feet

Site Data Map
Central Site Buildings and
Transformer Storage Area

CRC Huntington Beach Facility
Huntington Beach, California

Project No.: 2024120

Figure
4d

Date: 12/24

Advantage GEOPHYSICS



Site Data Map
MAG Data
Historical Tank Farm and
Former Stretford Unit

CRC Huntington Beach Facility
Huntington Beach, California

Project No.: 2024120

Figure
4e

Date: 12/24

Advantage GEOPHYSICS

APPENDIX C

LABORATORY ANALYTICAL REPORTS

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/5/2024 4:48:52 PM

JOB DESCRIPTION

700152701

JOB NUMBER

570-208722-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
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(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
^6+	Interference Check Standard (ICSA and/or ICSAB) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-208722-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/26/2024 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.7°C and 2.2°C.

GC/MS VOA
Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-510087: 1,3,5-Trimethylbenzene, 1,2-Dichloroethane, Isopropylbenzene and o-Xylene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-507936.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-507936 recovered outside control limits for the following analytes: Acetone. Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 8260B: Internal standard responses were outside of acceptance limits for the following sample: SB-2-0.5 (570-208722-3). The sample(s) shows evidence of matrix interference.

Method 8260B: The following samples were diluted due to the abundance of non-target hydrocarbons: SB-6-1.5 (570-208722-7) and SB-6-2.0 (570-208722-8). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted due to the nature of the sample matrix (sulfur) : SB-8-2.0 (570-208722-16). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-508126.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was diluted due to the abundance of non-target hydrocarbons: SB-2-2.0 (570-208722-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: SB-2-0.5 (570-208722-3). Elevated reporting limits (RLs) are provided.

Method 8270C: The method blank for preparation batch 570-508281 and analytical batch 570-509232 contained Dibenz(a,h)anthracene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-508281 and analytical batch 570-509232 recovered outside control limits for the following analytes: Benzoic acid.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-508281 and analytical batch 570-509232 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB-2-0.5 (570-208722-3). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB-6-1.5 (570-208722-7). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB-8-0.5 (570-208722-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-509491. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB-6-2.0 (570-208722-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-509734. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-508814.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_DRO: Surrogate recovery for the following sample was outside control limits: SB-2-0.5 (570-208722-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-508987. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8082: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-508293 and analytical batch 570-508733 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010B: The ICSA for batch 570-508952 was outside the acceptance limits for element: < Arsenic>.
The samples associated with this ICSA were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted:

Method 6010B: The post digestion spike % recovery for < Antimony> associated with batch 570-509589 was outside of control limits. The associated sample is: (570-208722-A-1-D PDS ^2).

Method 6010B: The method blank for preparation batch 570-509014 and analytical batch 570-509589 contained < Chromium> above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Client Sample ID: SB-5-0.5
Lab Sample ID: 570-208722-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.41	J	3.59	2.32	mg/Kg	2	☼	6010B	Total/NA
Barium	38.0		2.39	0.353	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.430	J	0.478	0.183	mg/Kg	2	☼	6010B	Total/NA
Chromium	42.5	B	1.20	0.635	mg/Kg	2	☼	6010B	Total/NA
Cobalt	2.29	J	2.39	0.509	mg/Kg	2	☼	6010B	Total/NA
Copper	12.7		2.39	0.680	mg/Kg	2	☼	6010B	Total/NA
Lead	5.76		2.39	1.58	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.6		2.39	1.36	mg/Kg	2	☼	6010B	Total/NA
Vanadium	1400		4.78	1.05	mg/Kg	2	☼	6010B	Total/NA
Zinc	67.1		4.78	1.95	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0993		0.0980	0.0270	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-5-2.0
Lab Sample ID: 570-208722-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	70.2		2.22	0.327	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.399	J	0.444	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.9	B	1.11	0.589	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.65		2.22	0.472	mg/Kg	2	☼	6010B	Total/NA
Copper	17.0		2.22	0.631	mg/Kg	2	☼	6010B	Total/NA
Lead	6.34		2.22	1.47	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.51		2.22	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	34.3		4.44	0.971	mg/Kg	2	☼	6010B	Total/NA
Zinc	38.5		4.44	1.81	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.049	*3	0.0020	0.00028	mg/Kg	1	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.033		0.0020	0.00027	mg/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	0.0062	J	0.020	0.0045	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.072	*1	0.020	0.0098	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00038	J	0.0010	0.00026	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.0029	J	0.010	0.00040	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.030		0.0010	0.00021	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.011		0.0010	0.00027	mg/Kg	1	☼	8260B	Total/NA
Naphthalene	0.17	*3	0.010	0.0039	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.034	*3	0.0010	0.00021	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.029		0.0020	0.00026	mg/Kg	1	☼	8260B	Total/NA
o-Xylene	0.0024		0.0010	0.00025	mg/Kg	1	☼	8260B	Total/NA
m,p-Xylene	0.026		0.0020	0.00047	mg/Kg	1	☼	8260B	Total/NA
p-Isopropyltoluene	0.019	*3	0.0010	0.00028	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.023	*3	0.0010	0.00027	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0087	J	0.020	0.0070	mg/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	0.0011		0.0010	0.00022	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0033		0.0010	0.00027	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0049		0.0020	0.00038	mg/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.028		0.0020	0.00060	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	5.2		0.11	0.061	mg/Kg	5	☼	8270C SIM	Total/NA
2-Methylnaphthalene	7.9		0.11	0.058	mg/Kg	5	☼	8270C SIM	Total/NA
Acenaphthene	0.80		0.11	0.073	mg/Kg	5	☼	8270C SIM	Total/NA
Anthracene	0.14		0.11	0.049	mg/Kg	5	☼	8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample ID: SB-2-0.5 (Continued)
Lab Sample ID: 570-208722-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.086	J	0.11	0.059	mg/Kg	5	☼	8270C SIM	Total/NA
Chrysene	0.13		0.11	0.036	mg/Kg	5	☼	8270C SIM	Total/NA
Fluorene	1.2		0.11	0.054	mg/Kg	5	☼	8270C SIM	Total/NA
Naphthalene	2.2		0.11	0.050	mg/Kg	5	☼	8270C SIM	Total/NA
Phenanthrene	1.9		0.11	0.083	mg/Kg	5	☼	8270C SIM	Total/NA
Pyrene	0.20		0.11	0.048	mg/Kg	5	☼	8270C SIM	Total/NA
1-Methylnaphthalene	3.8	J	14	2.8	mg/Kg	25	☼	8270C	Total/NA
2-Methylnaphthalene	5.0	J	14	2.7	mg/Kg	25	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	90		6.0	2.7	mg/Kg	50	☼	8015B	Total/NA
C13-C22	1700		28	26	mg/Kg	5	☼	8015B	Total/NA
C23-C40	2000		28	26	mg/Kg	5	☼	8015B	Total/NA
Arsenic	4.53		3.29	2.13	mg/Kg	2	☼	6010B	Total/NA
Barium	196		2.19	0.323	mg/Kg	2	☼	6010B	Total/NA
Cadmium	3.02		0.438	0.168	mg/Kg	2	☼	6010B	Total/NA
Chromium	19.1	B	1.10	0.582	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.43		2.19	0.467	mg/Kg	2	☼	6010B	Total/NA
Copper	40.7		2.19	0.623	mg/Kg	2	☼	6010B	Total/NA
Lead	19.7		2.19	1.45	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	3.04	J	4.38	1.07	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.5		2.19	1.24	mg/Kg	2	☼	6010B	Total/NA
Vanadium	1610		4.38	0.959	mg/Kg	2	☼	6010B	Total/NA
Zinc	1110		4.38	1.79	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.159		0.0957	0.0264	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-2-2.0
Lab Sample ID: 570-208722-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.033	J	0.11	0.015	mg/Kg	50	☼	8260B	Total/NA
Carbon disulfide	0.027	J	0.54	0.021	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.044	J	0.054	0.011	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.018	J	0.054	0.015	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.019	J	0.054	0.015	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	0.15		0.021	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.20		0.021	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Acenaphthene	0.023		0.021	0.014	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.036		0.021	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
Naphthalene	0.043		0.021	0.0096	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.12		0.021	0.016	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.013	J	0.021	0.0093	mg/Kg	1	☼	8270C SIM	Total/NA
1-Methylnaphthalene	0.17	J	0.56	0.12	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.24	J	0.56	0.11	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.10	J	0.56	0.082	mg/Kg	1	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	19		5.4	2.4	mg/Kg	50	☼	8015B	Total/NA
C13-C22	84		5.7	5.2	mg/Kg	1	☼	8015B	Total/NA
C23-C40	12		5.7	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	5.38		3.74	2.42	mg/Kg	2	☼	6010B	Total/NA
Barium	64.3		2.49	0.368	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.598		0.498	0.117	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.3	B	1.25	0.662	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.65		2.49	0.531	mg/Kg	2	☼	6010B	Total/NA
Copper	15.7		2.49	0.709	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2-2.0 (Continued)
Lab Sample ID: 570-208722-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.05		2.49	1.65	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.0		2.49	1.42	mg/Kg	2	☼	6010B	Total/NA
Vanadium	59.6		4.98	1.09	mg/Kg	2	☼	6010B	Total/NA
Zinc	48.6		4.98	2.03	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-1-1.5
Lab Sample ID: 570-208722-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.19		3.57	2.31	mg/Kg	2	☼	6010B	Total/NA
Barium	70.4		2.38	0.351	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.404	J	0.476	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.7	B	1.19	0.631	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.94		2.38	0.507	mg/Kg	2	☼	6010B	Total/NA
Copper	11.5		2.38	0.677	mg/Kg	2	☼	6010B	Total/NA
Lead	4.59		2.38	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.2		2.38	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.4		4.76	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	36.2		4.76	1.94	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-1-2.5
Lab Sample ID: 570-208722-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.93	J	4.00	2.59	mg/Kg	2	☼	6010B	Total/NA
Barium	81.8		2.67	0.393	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.613		0.533	0.125	mg/Kg	2	☼	6010B	Total/NA
Chromium	23.8	B	1.33	0.708	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.68		2.67	0.568	mg/Kg	2	☼	6010B	Total/NA
Copper	14.2		2.67	0.759	mg/Kg	2	☼	6010B	Total/NA
Lead	8.11		2.67	1.76	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.2		2.67	1.51	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.5		5.33	1.17	mg/Kg	2	☼	6010B	Total/NA
Zinc	50.3		5.33	2.18	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0362	J	0.0992	0.0274	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-6-1.5
Lab Sample ID: 570-208722-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.67		0.024	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.56		0.024	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
Acenaphthene	0.054		0.024	0.016	mg/Kg	1	☼	8270C SIM	Total/NA
Anthracene	0.056		0.024	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Chrysene	0.018	J	0.024	0.0078	mg/Kg	1	☼	8270C SIM	Total/NA
Fluoranthene	0.026		0.024	0.0096	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.14		0.024	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Naphthalene	0.086		0.024	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.28		0.024	0.018	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.027		0.024	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
1-Methylnaphthalene	1.8	J	3.0	0.62	mg/Kg	5	☼	8270C	Total/NA
2-Methylnaphthalene	1.7	J	3.0	0.60	mg/Kg	5	☼	8270C	Total/NA
Phenanthrene	0.55	J	3.0	0.43	mg/Kg	5	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	50		14	6.0	mg/Kg	100	☼	8015B	Total/NA
C13-C22	680		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-6-1.5 (Continued)
Lab Sample ID: 570-208722-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	300		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.94	J	3.90	2.53	mg/Kg	2	☼	6010B	Total/NA
Barium	59.1		2.60	0.384	mg/Kg	2	☼	6010B	Total/NA
Chromium	12.2	B	1.30	0.691	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.04		2.60	0.554	mg/Kg	2	☼	6010B	Total/NA
Copper	14.1		2.60	0.740	mg/Kg	2	☼	6010B	Total/NA
Lead	7.36		2.60	1.72	mg/Kg	2	☼	6010B	Total/NA
Nickel	8.87		2.60	1.48	mg/Kg	2	☼	6010B	Total/NA
Vanadium	1600		5.20	1.14	mg/Kg	2	☼	6010B	Total/NA
Zinc	52.4		5.20	2.12	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.347		0.100	0.0276	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-6-2.0
Lab Sample ID: 570-208722-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.094	J	0.18	0.025	mg/Kg	100	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1.0		0.18	0.024	mg/Kg	100	☼	8260B	Total/NA
Ethylbenzene	0.093		0.089	0.018	mg/Kg	100	☼	8260B	Total/NA
Isopropylbenzene	0.22		0.089	0.025	mg/Kg	100	☼	8260B	Total/NA
Naphthalene	1.6		0.89	0.35	mg/Kg	100	☼	8260B	Total/NA
n-Butylbenzene	0.63		0.089	0.019	mg/Kg	100	☼	8260B	Total/NA
N-Propylbenzene	0.48		0.18	0.023	mg/Kg	100	☼	8260B	Total/NA
m,p-Xylene	0.085	J	0.18	0.042	mg/Kg	100	☼	8260B	Total/NA
p-Isopropyltoluene	0.33		0.089	0.025	mg/Kg	100	☼	8260B	Total/NA
sec-Butylbenzene	0.26		0.089	0.024	mg/Kg	100	☼	8260B	Total/NA
Xylenes, Total	0.085	J	0.18	0.053	mg/Kg	100	☼	8260B	Total/NA
1-Methylnaphthalene	6.6		0.024	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	9.4		0.024	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
Acenaphthene	0.26		0.024	0.016	mg/Kg	1	☼	8270C SIM	Total/NA
Anthracene	0.21		0.024	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[a]anthracene	0.013	J	0.024	0.0097	mg/Kg	1	☼	8270C SIM	Total/NA
Chrysene	0.033		0.024	0.0078	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.67		0.024	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Naphthalene	1.9		0.024	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.99		0.024	0.018	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.054		0.024	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
1-Methylnaphthalene	4.1		0.60	0.12	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	5.8		0.60	0.12	mg/Kg	1	☼	8270C	Total/NA
Dibenzofuran	0.23	J	0.60	0.11	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.39	J	0.60	0.11	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	1.0		0.60	0.17	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.34	J	0.60	0.087	mg/Kg	1	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	210		8.9	3.9	mg/Kg	100	☼	8015B	Total/NA
C13-C22	490		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
C23-C40	190		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.84		3.08	1.99	mg/Kg	2	☼	6010B	Total/NA
Barium	63.3		2.05	0.303	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.370	J	0.411	0.0965	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.7	B	1.03	0.545	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.19		2.05	0.437	mg/Kg	2	☼	6010B	Total/NA
Copper	15.5		2.05	0.584	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-6-2.0 (Continued)
Lab Sample ID: 570-208722-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.75		2.05	1.36	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.3		2.05	1.17	mg/Kg	2	☼	6010B	Total/NA
Vanadium	68.8		4.11	0.899	mg/Kg	2	☼	6010B	Total/NA
Zinc	40.0		4.11	1.68	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-3-0.5
Lab Sample ID: 570-208722-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.93		3.10	2.01	mg/Kg	2	☼	6010B	Total/NA
Barium	77.8		2.07	0.305	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.331	J	0.414	0.0973	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.662		0.414	0.158	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.2	B	1.03	0.549	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.79		2.07	0.441	mg/Kg	2	☼	6010B	Total/NA
Copper	25.8		2.07	0.589	mg/Kg	2	☼	6010B	Total/NA
Lead	9.77		2.07	1.37	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.1		2.07	1.18	mg/Kg	2	☼	6010B	Total/NA
Vanadium	105		4.14	0.906	mg/Kg	2	☼	6010B	Total/NA
Zinc	89.8		4.14	1.69	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0722	J	0.0877	0.0242	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-3-2.0
Lab Sample ID: 570-208722-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.72	J	3.32	2.15	mg/Kg	2	☼	6010B	Total/NA
Barium	55.6		2.21	0.326	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.310	J	0.443	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.3	B	1.11	0.588	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.39		2.21	0.471	mg/Kg	2	☼	6010B	Total/NA
Copper	12.7		2.21	0.630	mg/Kg	2	☼	6010B	Total/NA
Lead	4.85		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	8.94		2.21	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.8		4.43	0.969	mg/Kg	2	☼	6010B	Total/NA
Zinc	33.9		4.43	1.81	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-4-0.5
Lab Sample ID: 570-208722-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.24	J	3.50	2.27	mg/Kg	2	☼	6010B	Total/NA
Barium	75.0		2.33	0.344	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.1	B	1.17	0.620	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.03		2.33	0.497	mg/Kg	2	☼	6010B	Total/NA
Copper	14.1		2.33	0.664	mg/Kg	2	☼	6010B	Total/NA
Lead	10.6		2.33	1.54	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.1		2.33	1.33	mg/Kg	2	☼	6010B	Total/NA
Vanadium	482		4.67	1.02	mg/Kg	2	☼	6010B	Total/NA
Zinc	39.2		4.67	1.90	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.145		0.0890	0.0246	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-4-2.0
Lab Sample ID: 570-208722-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	70.8		2.51	0.371	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-4-2.0 (Continued) — Lab Sample ID: 570-208722-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.276	J	0.502	0.118	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.301	J	0.502	0.192	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.8	B	1.26	0.667	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.96		2.51	0.535	mg/Kg	2	☼	6010B	Total/NA
Copper	16.0		2.51	0.715	mg/Kg	2	☼	6010B	Total/NA
Lead	31.8		2.51	1.66	mg/Kg	2	☼	6010B	Total/NA
Nickel	11.2		2.51	1.43	mg/Kg	2	☼	6010B	Total/NA
Vanadium	104		5.02	1.10	mg/Kg	2	☼	6010B	Total/NA
Zinc	49.7		5.02	2.05	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-7-0.5 — Lab Sample ID: 570-208722-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.09		3.72	2.41	mg/Kg	2	☼	6010B	Total/NA
Barium	390		2.48	0.366	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.4	B	1.24	0.658	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.47		2.48	0.528	mg/Kg	2	☼	6010B	Total/NA
Copper	17.8		2.48	0.705	mg/Kg	2	☼	6010B	Total/NA
Lead	37.8		2.48	1.64	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.66	J	4.96	1.21	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.5		2.48	1.41	mg/Kg	2	☼	6010B	Total/NA
Vanadium	143		4.96	1.09	mg/Kg	2	☼	6010B	Total/NA
Zinc	38.3		4.96	2.02	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.194		0.0935	0.0258	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-7-2.0 — Lab Sample ID: 570-208722-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.73	J	3.07	1.99	mg/Kg	2	☼	6010B	Total/NA
Barium	47.2		2.05	0.302	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.287	J	0.410	0.0963	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.5	B	1.02	0.544	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.18		2.05	0.436	mg/Kg	2	☼	6010B	Total/NA
Copper	12.0		2.05	0.583	mg/Kg	2	☼	6010B	Total/NA
Lead	9.41		2.05	1.36	mg/Kg	2	☼	6010B	Total/NA
Nickel	7.97		2.05	1.16	mg/Kg	2	☼	6010B	Total/NA
Vanadium	30.0		4.10	0.898	mg/Kg	2	☼	6010B	Total/NA
Zinc	31.4		4.10	1.67	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-8-0.5 — Lab Sample ID: 570-208722-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0073	J	0.020	0.0046	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.10	*1	0.020	0.010	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00080	J	0.010	0.00041	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0089	J	0.020	0.0071	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00048	J	0.0010	0.00027	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.015	J	0.022	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.047		0.022	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Anthracene	0.012	J	0.022	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.040		0.022	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[k]fluoranthene	0.029		0.022	0.019	mg/Kg	1	☼	8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-8-0.5 (Continued)
Lab Sample ID: 570-208722-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.032		0.022	0.0090	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[a]pyrene	0.037		0.022	0.0092	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[b]fluoranthene	0.029		0.022	0.017	mg/Kg	1	☼	8270C SIM	Total/NA
Chrysene	0.035		0.022	0.0073	mg/Kg	1	☼	8270C SIM	Total/NA
Fluoranthene	0.077		0.022	0.0090	mg/Kg	1	☼	8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.023		0.022	0.014	mg/Kg	1	☼	8270C SIM	Total/NA
Naphthalene	0.038		0.022	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.048		0.022	0.017	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.065		0.022	0.0097	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	0.064	J	0.12	0.054	mg/Kg	1	☼	8015B	Total/NA
C13-C22	41		28	26	mg/Kg	5	☼	8015B	Total/NA
C23-C40	360		28	26	mg/Kg	5	☼	8015B	Total/NA
Arsenic	5.05		3.95	2.55	mg/Kg	2	☼	6010B	Total/NA
Barium	212		2.63	0.388	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.289	J	0.526	0.124	mg/Kg	2	☼	6010B	Total/NA
Cadmium	25.6		0.526	0.201	mg/Kg	2	☼	6010B	Total/NA
Chromium	32.1	B	1.32	0.698	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.76		2.63	0.560	mg/Kg	2	☼	6010B	Total/NA
Copper	191		2.63	0.748	mg/Kg	2	☼	6010B	Total/NA
Lead	26.9		2.63	1.74	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.45	J	5.26	1.29	mg/Kg	2	☼	6010B	Total/NA
Nickel	40.3		2.63	1.49	mg/Kg	2	☼	6010B	Total/NA
Vanadium	686		5.26	1.15	mg/Kg	2	☼	6010B	Total/NA
Zinc	1960		5.26	2.15	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0511	J	0.0948	0.0262	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-8-2.0
Lab Sample ID: 570-208722-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.04	J	3.26	2.11	mg/Kg	2	☼	6010B	Total/NA
Barium	56.2		2.17	0.321	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.326	J	0.435	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.3	B	1.09	0.577	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.22		2.17	0.463	mg/Kg	2	☼	6010B	Total/NA
Copper	13.0		2.17	0.619	mg/Kg	2	☼	6010B	Total/NA
Lead	4.46		2.17	1.44	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.00		2.17	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	34.1		4.35	0.952	mg/Kg	2	☼	6010B	Total/NA
Zinc	33.0		4.35	1.77	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-2-5.0
Lab Sample ID: 570-208722-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.095		0.023	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.13		0.023	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.028		0.023	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Naphthalene	0.025		0.023	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.058		0.023	0.017	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.011	J	0.023	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.15	J	0.58	0.12	mg/Kg	1	☼	8270C	Total/NA
C13-C22	73		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
C23-C40	17		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2-5.0 (Continued)
Lab Sample ID: 570-208722-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.43	J	3.84	2.49	mg/Kg	2	☼	6010B	Total/NA
Barium	79.8		2.56	0.378	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.769		0.512	0.120	mg/Kg	2	☼	6010B	Total/NA
Chromium	29.4	B	1.28	0.680	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.9		2.56	0.546	mg/Kg	2	☼	6010B	Total/NA
Copper	15.7		2.56	0.729	mg/Kg	2	☼	6010B	Total/NA
Lead	8.22		2.56	1.69	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.5		2.56	1.46	mg/Kg	2	☼	6010B	Total/NA
Vanadium	69.9		5.12	1.12	mg/Kg	2	☼	6010B	Total/NA
Zinc	60.6		5.12	2.09	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-6-5.0
Lab Sample ID: 570-208722-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.12	J	0.26	0.11	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.69		4.60	2.98	mg/Kg	2	☼	6010B	Total/NA
Barium	110		3.07	0.453	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.767		0.614	0.144	mg/Kg	2	☼	6010B	Total/NA
Chromium	31.5	B	1.53	0.815	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.3		3.07	0.654	mg/Kg	2	☼	6010B	Total/NA
Copper	16.1		3.07	0.873	mg/Kg	2	☼	6010B	Total/NA
Lead	7.52		3.07	2.03	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.8		3.07	1.74	mg/Kg	2	☼	6010B	Total/NA
Vanadium	54.1		6.14	1.34	mg/Kg	2	☼	6010B	Total/NA
Zinc	56.2		6.14	2.50	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-8-5.0
Lab Sample ID: 570-208722-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018	J *1	0.020	0.0098	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.043	J	0.089	0.039	mg/Kg	1	☼	8015B	Total/NA
C23-C40	16		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.88		3.91	2.53	mg/Kg	2	☼	6010B	Total/NA
Barium	71.0		2.61	0.384	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.782		0.521	0.123	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.3	B	1.30	0.692	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.28		2.61	0.555	mg/Kg	2	☼	6010B	Total/NA
Copper	18.6		2.61	0.742	mg/Kg	2	☼	6010B	Total/NA
Lead	8.39		2.61	1.72	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.5		2.61	1.48	mg/Kg	2	☼	6010B	Total/NA
Vanadium	54.3		5.21	1.14	mg/Kg	2	☼	6010B	Total/NA
Zinc	61.4		5.21	2.13	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB-16-0.5
Lab Sample ID: 570-208722-20

No Detections.

Client Sample ID: SB-16-2.0
Lab Sample ID: 570-208722-21

No Detections.

Client Sample ID: SB-15-0.5
Lab Sample ID: 570-208722-22

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Client Sample ID: SB-15-2.0
Lab Sample ID: 570-208722-23

No Detections.

Client Sample ID: SB-14-0.5
Lab Sample ID: 570-208722-24

No Detections.

Client Sample ID: SB-14-2.0
Lab Sample ID: 570-208722-25

No Detections.

Client Sample ID: EB-1-1125
Lab Sample ID: 570-208722-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1.60	J	10.0	1.11	ug/L	1		6010B	Total/NA

Client Sample ID: TB-1-1125
Lab Sample ID: 570-208722-27

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1,2,2-Tetrachloroethane	ND	*3	0.0020	0.00054	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1-Dichloroethene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2,3-Trichlorobenzene	ND	*3	0.0020	0.00037	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2,4-Trichlorobenzene	ND	*3	0.0020	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2,4-Trimethylbenzene	**0.049**	***3**	0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2-Dibromo-3-Chloropropane	ND	*3	0.010	0.0033	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2-Dichlorobenzene	ND	*3	0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2-Dichloroethane	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,2-Dichloropropane	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,3,5-Trimethylbenzene	**0.033**		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,3-Dichlorobenzene	ND	*3	0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,3-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
1,4-Dichlorobenzene	ND	*3	0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
2-Butanone (MEK)	**0.0062**	**J**	0.020	0.0045	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
4-Chlorotoluene	ND	*3	0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Acetone	**0.072**	***1**	0.020	0.0098	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Benzene	**0.00038**	**J**	0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Bromodichloromethane	ND		0.0010	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Bromoform	ND	*3	0.0050	0.0013	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Carbon disulfide	**0.0029**	**J**	0.010	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Chloroethane	ND		0.0020	0.00074	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Dibromomethane	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Ethanol	ND		0.25	0.092	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Ethylbenzene	**0.030**		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.011**		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Naphthalene	**0.17**	***3**	0.010	0.0039	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
n-Butylbenzene	**0.034**	***3**	0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
N-Propylbenzene	**0.029**		0.0020	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
o-Xylene	**0.0024**		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
m,p-Xylene	**0.026**		0.0020	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
p-Isopropyltoluene	**0.019**	***3**	0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
sec-Butylbenzene	**0.023**	***3**	0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
tert-Butyl alcohol (TBA)	**0.0087**	**J**	0.020	0.0070	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
tert-Butylbenzene	ND	*3	0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Tetrachloroethene	**0.0011**		0.0010	0.00022	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Toluene	**0.0033**		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Trichloroethene	**0.0049**		0.0020	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1
Xylenes, Total	**0.028**		0.0020	0.00060	mg/Kg	☼	11/26/24 18:56	11/27/24 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*11/26/24 18:56*	*11/27/24 00:50*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*11/26/24 18:56*	*11/27/24 00:50*	*1*
Dibromofluoromethane (Surr)	*109*		*58 - 147*	*11/26/24 18:56*	*11/27/24 00:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/26/24 18:56*	*11/27/24 00:50*	*1*

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1,1-Trichloroethane	ND		0.054	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1,2,2-Tetrachloroethane	ND		0.11	0.029	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.54	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1,2-Trichloroethane	ND		0.054	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1-Dichloroethane	ND		0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1-Dichloroethene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,1-Dichloropropene	ND		0.11	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2,3-Trichlorobenzene	ND		0.11	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2,3-Trichloropropane	ND		0.11	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2,4-Trichlorobenzene	ND		0.11	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2,4-Trimethylbenzene	**0.033**	**J**	0.11	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2-Dibromo-3-Chloropropane	ND		0.54	0.18	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2-Dibromoethane	ND		0.054	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2-Dichlorobenzene	ND		0.054	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,2-Dichloroethane	ND		0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,3,5-Trimethylbenzene	ND		0.11	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,3-Dichlorobenzene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,3-Dichloropropane	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
1,4-Dichlorobenzene	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
2,2-Dichloropropane	ND		0.27	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
2-Butanone (MEK)	ND		1.1	0.24	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
2-Chlorotoluene	ND		0.054	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
2-Hexanone	ND		1.1	0.16	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
4-Chlorotoluene	ND		0.054	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
4-Methyl-2-pentanone (MIBK)	ND		1.1	0.16	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Acetone	ND		1.1	0.53	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Benzene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Bromobenzene	ND		0.054	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Bromochloromethane	ND		0.11	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Bromodichloromethane	ND		0.054	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Bromoform	ND		0.27	0.071	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Bromomethane	ND		1.1	0.35	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
cis-1,2-Dichloroethene	ND		0.054	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
cis-1,3-Dichloropropene	ND		0.054	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Carbon disulfide	**0.027**	**J**	0.54	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Carbon tetrachloride	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Chlorobenzene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Chloroethane	ND		0.11	0.040	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Chloroform	ND		0.054	0.032	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Chloromethane	ND		1.1	0.082	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Dibromochloromethane	ND		0.11	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Dibromomethane	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Dichlorodifluoromethane	ND		0.11	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Di-isopropyl ether (DIPE)	ND		0.054	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Ethanol	ND		13	4.9	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Ethylbenzene	ND		0.054	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Ethyl-t-butyl ether (ETBE)	ND		0.054	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Isopropylbenzene	ND		0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Methylene Chloride	ND		0.54	0.17	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Methyl-t-Butyl Ether (MTBE)	ND		0.11	0.010	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Naphthalene	ND		0.54	0.21	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
n-Butylbenzene	**0.044**	**J**	0.054	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
N-Propylbenzene	ND		0.11	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
o-Xylene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
m,p-Xylene	ND		0.11	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
p-Isopropyltoluene	**0.018**	**J**	0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
sec-Butylbenzene	**0.019**	**J**	0.054	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Styrene	ND		0.054	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
trans-1,2-Dichloroethene	ND		0.054	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
trans-1,3-Dichloropropene	ND		0.11	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Tert-amyl-methyl ether (TAME)	ND		0.054	0.010	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
tert-Butyl alcohol (TBA)	ND		1.1	0.37	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
tert-Butylbenzene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.054	0.012	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Toluene	ND		0.054	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Trichloroethene	ND		0.11	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Trichlorofluoromethane	ND		0.54	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Vinyl acetate	ND		0.54	0.21	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Vinyl chloride	ND		0.054	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50
Xylenes, Total	ND		0.11	0.032	mg/Kg	☼	11/26/24 18:56	11/27/24 12:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*	*11/26/24 18:56*	*11/27/24 12:39*	*50*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*11/26/24 18:56*	*11/27/24 12:39*	*50*
Dibromofluoromethane (Surr)	*92*		*58 - 147*	*11/26/24 18:56*	*11/27/24 12:39*	*50*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/26/24 18:56*	*11/27/24 12:39*	*50*

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.068	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1,1-Trichloroethane	ND		0.068	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1,2,2-Tetrachloroethane	ND		0.14	0.037	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.68	0.031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1,2-Trichloroethane	ND		0.068	0.031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1-Dichloroethane	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1-Dichloroethene	ND		0.068	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,1-Dichloropropene	ND		0.14	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2,3-Trichlorobenzene	ND		0.14	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2,3-Trichloropropane	ND		0.14	0.028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2,4-Trichlorobenzene	ND		0.14	0.028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2,4-Trimethylbenzene	ND		0.14	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2-Dibromo-3-Chloropropane	ND		0.68	0.23	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2-Dibromoethane	ND		0.068	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2-Dichlorobenzene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2-Dichloroethane	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,2-Dichloropropane	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,3,5-Trimethylbenzene	ND		0.14	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,3-Dichlorobenzene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,3-Dichloropropane	ND		0.068	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
1,4-Dichlorobenzene	ND		0.068	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
2,2-Dichloropropane	ND		0.34	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
2-Butanone (MEK)	ND		1.4	0.31	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
2-Chlorotoluene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
2-Hexanone	ND		1.4	0.21	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
4-Chlorotoluene	ND		0.068	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
4-Methyl-2-pentanone (MIBK)	ND		1.4	0.20	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Acetone	ND	*1	1.4	0.67	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Benzene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Bromobenzene	ND		0.068	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Bromochloromethane	ND		0.14	0.030	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Bromodichloromethane	ND		0.068	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.34	0.090	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Bromomethane	ND		1.4	0.45	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
cis-1,2-Dichloroethene	ND		0.068	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
cis-1,3-Dichloropropene	ND		0.068	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Carbon disulfide	ND		0.68	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Carbon tetrachloride	ND		0.068	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Chlorobenzene	ND		0.068	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Chloroethane	ND		0.14	0.050	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Chloroform	ND		0.068	0.040	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Chloromethane	ND		1.4	0.10	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Dibromochloromethane	ND		0.14	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Dibromomethane	ND		0.068	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Dichlorodifluoromethane	ND		0.14	0.031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Di-isopropyl ether (DIPE)	ND		0.068	0.034	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Ethanol	ND		17	6.2	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Ethylbenzene	ND		0.068	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Ethyl-t-butyl ether (ETBE)	ND		0.068	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Isopropylbenzene	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Methylene Chloride	ND		0.68	0.21	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Methyl-t-Butyl Ether (MTBE)	ND		0.14	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Naphthalene	ND		0.68	0.27	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
n-Butylbenzene	ND		0.068	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
N-Propylbenzene	ND		0.14	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
o-Xylene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
m,p-Xylene	ND		0.14	0.032	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
p-Isopropyltoluene	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
sec-Butylbenzene	ND		0.068	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Styrene	ND		0.068	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
trans-1,2-Dichloroethene	ND		0.068	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
trans-1,3-Dichloropropene	ND		0.14	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Tert-amyl-methyl ether (TAME)	ND		0.068	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
tert-Butyl alcohol (TBA)	ND		1.4	0.47	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
tert-Butylbenzene	ND		0.068	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Tetrachloroethene	ND		0.068	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Toluene	ND		0.068	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Trichloroethene	ND		0.14	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Trichlorofluoromethane	ND		0.68	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Vinyl acetate	ND		0.68	0.27	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Vinyl chloride	ND		0.068	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50
Xylenes, Total	ND		0.14	0.041	mg/Kg	☼	11/26/24 18:56	11/27/24 02:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*78*		*32 - 179*	*11/26/24 18:56*	*11/27/24 02:55*	*50*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/26/24 18:56*	*11/27/24 02:55*	*50*
Dibromofluoromethane (Surr)	*88*		*58 - 147*	*11/26/24 18:56*	*11/27/24 02:55*	*50*
Toluene-d8 (Surr)	*107*		*80 - 120*	*11/26/24 18:56*	*11/27/24 02:55*	*50*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.089	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1,1-Trichloroethane	ND		0.089	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1,2,2-Tetrachloroethane	ND		0.18	0.048	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.89	0.041	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1,2-Trichloroethane	ND		0.089	0.041	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1-Dichloroethane	ND		0.089	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1-Dichloroethene	ND		0.089	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,1-Dichloropropene	ND		0.18	0.035	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2,3-Trichlorobenzene	ND		0.18	0.033	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2,3-Trichloropropane	ND		0.18	0.037	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2,4-Trichlorobenzene	ND		0.18	0.037	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2,4-Trimethylbenzene	**0.094**	**J**	0.18	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2-Dibromo-3-Chloropropane	ND		0.89	0.30	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2-Dibromoethane	ND		0.089	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2-Dichlorobenzene	ND		0.089	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2-Dichloroethane	ND		0.089	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,2-Dichloropropane	ND		0.089	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,3,5-Trimethylbenzene	**1.0**		0.18	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,3-Dichlorobenzene	ND		0.089	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,3-Dichloropropane	ND		0.089	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
1,4-Dichlorobenzene	ND		0.089	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
2,2-Dichloropropane	ND		0.44	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
2-Butanone (MEK)	ND		1.8	0.40	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
2-Chlorotoluene	ND		0.089	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
2-Hexanone	ND		1.8	0.27	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
4-Chlorotoluene	ND		0.089	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
4-Methyl-2-pentanone (MIBK)	ND		1.8	0.26	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Acetone	ND	*1	1.8	0.87	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Benzene	ND		0.089	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Bromobenzene	ND		0.089	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Bromochloromethane	ND		0.18	0.040	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Bromodichloromethane	ND		0.089	0.029	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Bromoform	ND		0.44	0.12	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Bromomethane	ND		1.8	0.58	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
cis-1,2-Dichloroethene	ND		0.089	0.030	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
cis-1,3-Dichloropropene	ND		0.089	0.031	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Carbon disulfide	ND		0.89	0.036	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Carbon tetrachloride	ND		0.089	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Chlorobenzene	ND		0.089	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Chloroethane	ND		0.18	0.066	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Chloroform	ND		0.089	0.052	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Chloromethane	ND		1.8	0.14	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Dibromochloromethane	ND		0.18	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Dibromomethane	ND		0.089	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Dichlorodifluoromethane	ND		0.18	0.040	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Di-isopropyl ether (DIPE)	ND		0.089	0.044	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Ethanol	ND		22	8.2	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Ethylbenzene	**0.093**		0.089	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Ethyl-t-butyl ether (ETBE)	ND		0.089	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.22**		0.089	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Methylene Chloride	ND		0.89	0.28	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Methyl-t-Butyl Ether (MTBE)	ND		0.18	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Naphthalene	**1.6**		0.89	0.35	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
n-Butylbenzene	**0.63**		0.089	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
N-Propylbenzene	**0.48**		0.18	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
o-Xylene	ND		0.089	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
m,p-Xylene	**0.085**	**J**	0.18	0.042	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
p-Isopropyltoluene	**0.33**		0.089	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
sec-Butylbenzene	**0.26**		0.089	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Styrene	ND		0.089	0.028	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
trans-1,2-Dichloroethene	ND		0.089	0.027	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
trans-1,3-Dichloropropene	ND		0.18	0.025	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Tert-amyl-methyl ether (TAME)	ND		0.089	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
tert-Butyl alcohol (TBA)	ND		1.8	0.62	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
tert-Butylbenzene	ND		0.089	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Tetrachloroethene	ND		0.089	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Toluene	ND		0.089	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Trichloroethene	ND		0.18	0.034	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Trichlorofluoromethane	ND		0.89	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Vinyl acetate	ND		0.89	0.35	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Vinyl chloride	ND		0.089	0.034	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100
Xylenes, Total	**0.085**	**J**	0.18	0.053	mg/Kg	☼	11/26/24 18:56	11/27/24 03:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*74*		*32 - 179*	*11/26/24 18:56*	*11/27/24 03:16*	*100*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*11/26/24 18:56*	*11/27/24 03:16*	*100*
Dibromofluoromethane (Surr)	*87*		*58 - 147*	*11/26/24 18:56*	*11/27/24 03:16*	*100*
Toluene-d8 (Surr)	*106*		*80 - 120*	*11/26/24 18:56*	*11/27/24 03:16*	*100*

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
2-Butanone (MEK)	**0.0073**	**J**	0.020	0.0046	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0030	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Acetone	**0.10**	***1**	0.020	0.010	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Bromoform	ND		0.0051	0.0013	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Carbon disulfide	**0.00080**	**J**	0.010	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Chloroethane	ND		0.0020	0.00076	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Ethanol	ND		0.26	0.094	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
N-Propylbenzene	ND		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
trans-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
tert-Butyl alcohol (TBA)	**0.0089**	**J**	0.020	0.0071	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Toluene	**0.00048**	**J**	0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	11/26/24 18:56	11/27/24 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*	*11/26/24 18:56*	*11/27/24 01:11*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*	*11/26/24 18:56*	*11/27/24 01:11*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*11/26/24 18:56*	*11/27/24 01:11*	*1*
Toluene-d8 (Surr)	*85*		*80 - 120*	*11/26/24 18:56*	*11/27/24 01:11*	*1*

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.051	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1,1-Trichloroethane	ND		0.051	0.012	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.028	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.51	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1,2-Trichloroethane	ND		0.051	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1-Dichloroethane	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1-Dichloroethene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,1-Dichloropropene	ND		0.10	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2,3-Trichloropropane	ND		0.10	0.022	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2-Dibromo-3-Chloropropane	ND		0.51	0.17	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2-Dibromoethane	ND		0.051	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2-Dichlorobenzene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2-Dichloroethane	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,2-Dichloropropane	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,3,5-Trimethylbenzene	ND		0.10	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,3-Dichlorobenzene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,3-Dichloropropane	ND		0.051	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
1,4-Dichlorobenzene	ND		0.051	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
2,2-Dichloropropane	ND		0.26	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
2-Chlorotoluene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
2-Hexanone	ND		1.0	0.16	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
4-Chlorotoluene	ND		0.051	0.012	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Acetone	ND	*1	1.0	0.50	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Benzene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Bromobenzene	ND		0.051	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Bromochloromethane	ND		0.10	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Bromodichloromethane	ND		0.051	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.26	0.068	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Bromomethane	ND		1.0	0.34	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
cis-1,2-Dichloroethene	ND		0.051	0.017	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
cis-1,3-Dichloropropene	ND		0.051	0.018	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Carbon disulfide	ND		0.51	0.021	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Carbon tetrachloride	ND		0.051	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Chlorobenzene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Chloroethane	ND		0.10	0.038	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Chloroform	ND		0.051	0.030	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Chloromethane	ND		1.0	0.079	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Dibromomethane	ND		0.051	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Di-isopropyl ether (DIPE)	ND		0.051	0.026	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Ethanol	ND		13	4.7	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Ethylbenzene	ND		0.051	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Ethyl-t-butyl ether (ETBE)	ND		0.051	0.012	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Isopropylbenzene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Methylene Chloride	ND		0.51	0.16	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0096	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Naphthalene	ND		0.51	0.20	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
n-Butylbenzene	ND		0.051	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
o-Xylene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
m,p-Xylene	ND		0.10	0.024	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
p-Isopropyltoluene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
sec-Butylbenzene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Styrene	ND		0.051	0.016	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
trans-1,2-Dichloroethene	ND		0.051	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Tert-amyl-methyl ether (TAME)	ND		0.051	0.010	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
tert-Butyl alcohol (TBA)	ND		1.0	0.36	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
tert-Butylbenzene	ND		0.051	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Tetrachloroethene	ND		0.051	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Toluene	ND		0.051	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Trichloroethene	ND		0.10	0.020	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Trichlorofluoromethane	ND		0.51	0.014	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Vinyl acetate	ND		0.51	0.20	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Vinyl chloride	ND		0.051	0.019	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50
Xylenes, Total	ND		0.10	0.031	mg/Kg	☼	11/26/24 18:56	11/27/24 03:37	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*32 - 179*	*11/26/24 18:56*	*11/27/24 03:37*	*50*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*11/26/24 18:56*	*11/27/24 03:37*	*50*
Dibromofluoromethane (Surr)	*90*		*58 - 147*	*11/26/24 18:56*	*11/27/24 03:37*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/26/24 18:56*	*11/27/24 03:37*	*50*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1,1-Trichloroethane	ND		0.0013	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1,2,2-Tetrachloroethane	ND		0.0026	0.00071	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00061	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1,2-Trichloroethane	ND		0.0013	0.00061	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1-Dichloroethane	ND		0.0013	0.00037	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1-Dichloroethene	ND		0.0013	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,1-Dichloropropene	ND		0.0026	0.00051	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2,3-Trichlorobenzene	ND		0.0026	0.00049	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2,3-Trichloropropane	ND		0.0026	0.00055	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2,4-Trichlorobenzene	ND		0.0026	0.00054	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2,4-Trimethylbenzene	ND		0.0026	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0044	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2-Dibromoethane	ND		0.0013	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2-Dichlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2-Dichloroethane	ND		0.0013	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,2-Dichloropropane	ND		0.0013	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,3,5-Trimethylbenzene	ND		0.0026	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,3-Dichlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,3-Dichloropropane	ND		0.0013	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
1,4-Dichlorobenzene	ND		0.0013	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
2,2-Dichloropropane	ND		0.0065	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
2-Butanone (MEK)	ND		0.026	0.0059	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
2-Chlorotoluene	ND		0.0013	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
2-Hexanone	ND		0.026	0.0040	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
4-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		0.026	0.0038	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Acetone	ND		0.026	0.013	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Benzene	ND		0.0013	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Bromobenzene	ND		0.0013	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Bromochloromethane	ND		0.0026	0.00058	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Bromodichloromethane	ND		0.0013	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Bromoform	ND		0.0065	0.0017	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Bromomethane	ND		0.026	0.0086	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
cis-1,2-Dichloroethene	ND		0.0013	0.00044	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
cis-1,3-Dichloropropene	ND		0.0013	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Carbon disulfide	ND		0.013	0.00052	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Carbon tetrachloride	ND		0.0013	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Chlorobenzene	ND		0.0013	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Chloroethane	ND		0.0026	0.00097	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Chloroform	ND		0.0013	0.00077	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Chloromethane	ND		0.026	0.0020	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Dibromochloromethane	ND		0.0026	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Dibromomethane	ND		0.0013	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Dichlorodifluoromethane	ND		0.0026	0.00059	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00065	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Ethanol	ND		0.33	0.12	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Ethylbenzene	ND		0.0013	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0013	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Methylene Chloride	ND		0.013	0.0041	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0026	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Naphthalene	ND		0.013	0.0051	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
n-Butylbenzene	ND		0.0013	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
N-Propylbenzene	ND		0.0026	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
o-Xylene	ND		0.0013	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
m,p-Xylene	ND		0.0026	0.00062	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
p-Isopropyltoluene	ND		0.0013	0.00037	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
sec-Butylbenzene	ND		0.0013	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Styrene	ND		0.0013	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
trans-1,2-Dichloroethene	ND		0.0013	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
trans-1,3-Dichloropropene	ND		0.0026	0.00037	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
tert-Butyl alcohol (TBA)	ND		0.026	0.0092	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
tert-Butylbenzene	ND		0.0013	0.00033	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Tetrachloroethene	ND		0.0013	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Toluene	ND		0.0013	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Trichloroethene	ND		0.0026	0.00051	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Trichlorofluoromethane	ND		0.013	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Vinyl acetate	ND		0.013	0.0051	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Vinyl chloride	ND		0.0013	0.00050	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1
Xylenes, Total	ND		0.0026	0.00079	mg/Kg	☼	11/26/24 18:56	11/27/24 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 179*	*11/26/24 18:56*	*11/27/24 13:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*11/26/24 18:56*	*11/27/24 13:39*	*1*
Dibromofluoromethane (Surr)	*93*		*58 - 147*	*11/26/24 18:56*	*11/27/24 13:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/26/24 18:56*	*11/27/24 13:39*	*1*

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0015	0.00045	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1,1-Trichloroethane	ND		0.0015	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1,2,2-Tetrachloroethane	ND		0.0031	0.00083	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.015	0.00071	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1,2-Trichloroethane	ND		0.0015	0.00071	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1-Dichloroethane	ND		0.0015	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1-Dichloroethene	ND		0.0015	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,1-Dichloropropene	ND		0.0031	0.00059	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2,3-Trichlorobenzene	ND		0.0031	0.00058	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2,3-Trichloropropane	ND		0.0031	0.00064	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2,4-Trichlorobenzene	ND		0.0031	0.00063	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2,4-Trimethylbenzene	ND		0.0031	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2-Dibromo-3-Chloropropane	ND		0.015	0.0051	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2-Dibromoethane	ND		0.0015	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2-Dichlorobenzene	ND		0.0015	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,2-Dichloroethane	ND		0.0015	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0015	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,3,5-Trimethylbenzene	ND		0.0031	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,3-Dichlorobenzene	ND		0.0015	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,3-Dichloropropane	ND		0.0015	0.00045	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
1,4-Dichlorobenzene	ND		0.0015	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
2,2-Dichloropropane	ND		0.0077	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
2-Butanone (MEK)	ND		0.031	0.0069	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
2-Chlorotoluene	ND		0.0015	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
2-Hexanone	ND		0.031	0.0047	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
4-Chlorotoluene	ND		0.0015	0.00037	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.031	0.0045	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Acetone	ND	*1	0.031	0.015	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Benzene	ND		0.0015	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Bromobenzene	ND		0.0015	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Bromochloromethane	ND		0.0031	0.00068	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Bromodichloromethane	ND		0.0015	0.00050	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Bromoform	ND		0.0077	0.0020	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Bromomethane	ND		0.031	0.010	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
cis-1,2-Dichloroethene	ND		0.0015	0.00052	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
cis-1,3-Dichloropropene	ND		0.0015	0.00053	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Carbon disulfide	ND		0.015	0.00061	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Carbon tetrachloride	ND		0.0015	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Chlorobenzene	ND		0.0015	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Chloroethane	ND		0.0031	0.0011	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Chloroform	ND		0.0015	0.00090	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Chloromethane	ND		0.031	0.0024	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Dibromochloromethane	ND		0.0031	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Dibromomethane	ND		0.0015	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Dichlorodifluoromethane	ND		0.0031	0.00069	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Di-isopropyl ether (DIPE)	ND		0.0015	0.00077	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Ethanol	ND		0.38	0.14	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Ethylbenzene	ND		0.0015	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.0015	0.00036	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Isopropylbenzene	ND		0.0015	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Methylene Chloride	ND		0.015	0.0048	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0031	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Naphthalene	ND		0.015	0.0060	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
n-Butylbenzene	ND		0.0015	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
N-Propylbenzene	ND		0.0031	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
o-Xylene	ND		0.0015	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
m,p-Xylene	ND		0.0031	0.00073	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
p-Isopropyltoluene	ND		0.0015	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
sec-Butylbenzene	ND		0.0015	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Styrene	ND		0.0015	0.00049	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
trans-1,2-Dichloroethene	ND		0.0015	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
trans-1,3-Dichloropropene	ND		0.0031	0.00043	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Tert-amyl-methyl ether (TAME)	ND		0.0015	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
tert-Butyl alcohol (TBA)	ND		0.031	0.011	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
tert-Butylbenzene	ND		0.0015	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0015	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Toluene	ND		0.0015	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Trichloroethene	ND		0.0031	0.00059	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Trichlorofluoromethane	ND		0.015	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Vinyl acetate	ND		0.015	0.0060	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Vinyl chloride	ND		0.0015	0.00058	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1
Xylenes, Total	ND		0.0031	0.00092	mg/Kg	☼	11/26/24 18:56	11/27/24 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*32 - 179*	*11/26/24 18:56*	*11/27/24 01:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*11/26/24 18:56*	*11/27/24 01:53*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*11/26/24 18:56*	*11/27/24 01:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/26/24 18:56*	*11/27/24 01:53*	*1*

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1-Dichloroethene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,3-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Acetone	**0.018**	**J *1**	0.020	0.0098	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Bromodichloromethane	ND		0.0010	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Chloroethane	ND		0.0020	0.00074	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Dibromomethane	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Ethanol	ND		0.25	0.092	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Naphthalene	ND		0.010	0.0039	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
o-Xylene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	11/26/24 18:56	11/27/24 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*32 - 179*	*11/26/24 18:56*	*11/27/24 02:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*11/26/24 18:56*	*11/27/24 02:13*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*11/26/24 18:56*	*11/27/24 02:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*11/26/24 18:56*	*11/27/24 02:13*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/04/24 20:27	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/04/24 20:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/04/24 20:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/04/24 20:27	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 20:27	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/04/24 20:27	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 20:27	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/04/24 20:27	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/04/24 20:27	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/04/24 20:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/04/24 20:27	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/04/24 20:27	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/04/24 20:27	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/04/24 20:27	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:27	1
1,2-Dichloroethane	ND	*+	0.50	0.25	ug/L			12/04/24 20:27	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/04/24 20:27	1
1,3,5-Trimethylbenzene	ND	*+	1.0	0.50	ug/L			12/04/24 20:27	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:27	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/04/24 20:27	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/04/24 20:27	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/04/24 20:27	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/04/24 20:27	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/04/24 20:27	1
2-Hexanone	ND		10	2.7	ug/L			12/04/24 20:27	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/04/24 20:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/04/24 20:27	1
Acetone	ND		10	7.4	ug/L			12/04/24 20:27	1
Benzene	ND		0.50	0.24	ug/L			12/04/24 20:27	1
Bromobenzene	ND		1.0	0.29	ug/L			12/04/24 20:27	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/04/24 20:27	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/04/24 20:27	1
Bromoform	ND		5.0	1.9	ug/L			12/04/24 20:27	1
Bromomethane	ND		25	7.4	ug/L			12/04/24 20:27	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/04/24 20:27	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/04/24 20:27	1
Carbon disulfide	ND		10	0.42	ug/L			12/04/24 20:27	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/04/24 20:27	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:27	1
Chloroethane	ND		5.0	1.9	ug/L			12/04/24 20:27	1
Chloroform	ND		1.0	0.32	ug/L			12/04/24 20:27	1
Chloromethane	ND		10	2.2	ug/L			12/04/24 20:27	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/04/24 20:27	1
Dibromomethane	ND		1.0	0.33	ug/L			12/04/24 20:27	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/04/24 20:27	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/04/24 20:27	1
Ethanol	ND		100	52	ug/L			12/04/24 20:27	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/04/24 20:27	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/04/24 20:27	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND	*+	1.0	0.41	ug/L			12/04/24 20:27	1
Methylene Chloride	ND		10	3.0	ug/L			12/04/24 20:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/04/24 20:27	1
Naphthalene	ND		10	4.9	ug/L			12/04/24 20:27	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/04/24 20:27	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/04/24 20:27	1
o-Xylene	ND	*+	1.0	0.27	ug/L			12/04/24 20:27	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/04/24 20:27	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/04/24 20:27	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/04/24 20:27	1
Styrene	ND		1.0	0.38	ug/L			12/04/24 20:27	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 20:27	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/04/24 20:27	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/04/24 20:27	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/04/24 20:27	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/04/24 20:27	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/04/24 20:27	1
Toluene	ND		1.0	0.30	ug/L			12/04/24 20:27	1
Trichloroethene	ND		1.0	0.39	ug/L			12/04/24 20:27	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/04/24 20:27	1
Vinyl acetate	ND		10	5.0	ug/L			12/04/24 20:27	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/04/24 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 123*		*12/04/24 20:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/04/24 20:27*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*12/04/24 20:27*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/04/24 20:27*	*1*

Client Sample ID: TB-1-1125
Date Collected: 11/25/24 15:20
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/04/24 20:48	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/04/24 20:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/04/24 20:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/04/24 20:48	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 20:48	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/04/24 20:48	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 20:48	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/04/24 20:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/04/24 20:48	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/04/24 20:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/04/24 20:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/04/24 20:48	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/04/24 20:48	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/04/24 20:48	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:48	1
1,2-Dichloroethane	ND	*+	0.50	0.25	ug/L			12/04/24 20:48	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/04/24 20:48	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-1-1125
Date Collected: 11/25/24 15:20
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND	*+	1.0	0.50	ug/L			12/04/24 20:48	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:48	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/04/24 20:48	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/04/24 20:48	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/04/24 20:48	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/04/24 20:48	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/04/24 20:48	1
2-Hexanone	ND		10	2.7	ug/L			12/04/24 20:48	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/04/24 20:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/04/24 20:48	1
Acetone	ND		10	7.4	ug/L			12/04/24 20:48	1
Benzene	ND		0.50	0.24	ug/L			12/04/24 20:48	1
Bromobenzene	ND		1.0	0.29	ug/L			12/04/24 20:48	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/04/24 20:48	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/04/24 20:48	1
Bromoform	ND		5.0	1.9	ug/L			12/04/24 20:48	1
Bromomethane	ND		25	7.4	ug/L			12/04/24 20:48	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/04/24 20:48	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/04/24 20:48	1
Carbon disulfide	ND		10	0.42	ug/L			12/04/24 20:48	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/04/24 20:48	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/04/24 20:48	1
Chloroethane	ND		5.0	1.9	ug/L			12/04/24 20:48	1
Chloroform	ND		1.0	0.32	ug/L			12/04/24 20:48	1
Chloromethane	ND		10	2.2	ug/L			12/04/24 20:48	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/04/24 20:48	1
Dibromomethane	ND		1.0	0.33	ug/L			12/04/24 20:48	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/04/24 20:48	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/04/24 20:48	1
Ethanol	ND		100	52	ug/L			12/04/24 20:48	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/04/24 20:48	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/04/24 20:48	1
Isopropylbenzene	ND	*+	1.0	0.41	ug/L			12/04/24 20:48	1
Methylene Chloride	ND		10	3.0	ug/L			12/04/24 20:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/04/24 20:48	1
Naphthalene	ND		10	4.9	ug/L			12/04/24 20:48	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/04/24 20:48	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/04/24 20:48	1
o-Xylene	ND	*+	1.0	0.27	ug/L			12/04/24 20:48	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/04/24 20:48	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/04/24 20:48	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/04/24 20:48	1
Styrene	ND		1.0	0.38	ug/L			12/04/24 20:48	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 20:48	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/04/24 20:48	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/04/24 20:48	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/04/24 20:48	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/04/24 20:48	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/04/24 20:48	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-1-1125
Date Collected: 11/25/24 15:20
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-27
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.30	ug/L			12/04/24 20:48	1
Trichloroethene	ND		1.0	0.39	ug/L			12/04/24 20:48	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/04/24 20:48	1
Vinyl acetate	ND		10	5.0	ug/L			12/04/24 20:48	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/04/24 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 123*		*12/04/24 20:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*12/04/24 20:48*	*1*
Dibromofluoromethane (Surr)	*106*		*78 - 120*		*12/04/24 20:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/04/24 20:48*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	5.2		0.11	0.061	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
2-Methylnaphthalene	7.9		0.11	0.058	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Acenaphthene	0.80		0.11	0.073	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Acenaphthylene	ND		0.11	0.054	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Anthracene	0.14		0.11	0.049	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Benzo[g,h,i]perylene	0.086	J	0.11	0.059	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Benzo[k]fluoranthene	ND		0.11	0.096	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Benzo[a]anthracene	ND		0.11	0.045	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Benzo[a]pyrene	ND		0.11	0.045	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Benzo[b]fluoranthene	ND		0.11	0.083	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Chrysene	0.13		0.11	0.036	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Dibenz(a,h)anthracene	ND		0.11	0.061	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Fluoranthene	ND		0.11	0.045	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Fluorene	1.2		0.11	0.054	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Indeno[1,2,3-cd]pyrene	ND		0.11	0.067	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Naphthalene	2.2		0.11	0.050	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Phenanthrene	1.9		0.11	0.083	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5
Pyrene	0.20		0.11	0.048	mg/Kg	☼	11/27/24 10:47	12/02/24 14:22	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*100*		*22 - 130*	*11/27/24 10:47*	*12/02/24 14:22*	*5*
Nitrobenzene-d5 (Surr)	*98*		*20 - 145*	*11/27/24 10:47*	*12/02/24 14:22*	*5*
p-Terphenyl-d14 (Surr)	*85*		*33 - 147*	*11/27/24 10:47*	*12/02/24 14:22*	*5*

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.15		0.021	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
2-Methylnaphthalene	0.20		0.021	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Acenaphthene	0.023		0.021	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Acenaphthylene	ND		0.021	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Anthracene	ND		0.021	0.0095	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Benzo[g,h,i]perylene	ND		0.021	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Benzo[k]fluoranthene	ND		0.021	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Benzo[a]anthracene	ND		0.021	0.0086	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Benzo[a]pyrene	ND		0.021	0.0087	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Benzo[b]fluoranthene	ND		0.021	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Chrysene	ND		0.021	0.0070	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Dibenz(a,h)anthracene	ND		0.021	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Fluoranthene	ND		0.021	0.0086	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Fluorene	0.036		0.021	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Indeno[1,2,3-cd]pyrene	ND		0.021	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Naphthalene	0.043		0.021	0.0096	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Phenanthrene	0.12		0.021	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1
Pyrene	0.013	J	0.021	0.0093	mg/Kg	☼	11/27/24 10:47	12/02/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*11/27/24 10:47*	*12/02/24 14:43*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*11/27/24 10:47*	*12/02/24 14:43*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-4
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*	*11/27/24 10:47*	*12/02/24 14:43*	*1*

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.67**		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
2-Methylnaphthalene	**0.56**		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Acenaphthene	**0.054**		0.024	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Anthracene	**0.056**		0.024	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Benzo[a]anthracene	ND		0.024	0.0096	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Chrysene	**0.018**	**J**	0.024	0.0078	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Fluoranthene	**0.026**		0.024	0.0096	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Fluorene	**0.14**		0.024	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Naphthalene	**0.086**		0.024	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Phenanthrene	**0.28**		0.024	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1
Pyrene	**0.027**		0.024	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*22 - 130*	*11/27/24 10:47*	*12/02/24 15:05*	*1*
Nitrobenzene-d5 (Surr)	*100*		*20 - 145*	*11/27/24 10:47*	*12/02/24 15:05*	*1*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*	*11/27/24 10:47*	*12/02/24 15:05*	*1*

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**6.6**		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
2-Methylnaphthalene	**9.4**		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Acenaphthene	**0.26**		0.024	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Anthracene	**0.21**		0.024	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Benzo[a]anthracene	**0.013**	**J**	0.024	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Benzo[a]pyrene	ND		0.024	0.0098	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Chrysene	**0.033**		0.024	0.0078	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Fluoranthene	ND		0.024	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Fluorene	**0.67**		0.024	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Naphthalene	**1.9**		0.024	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.99**		0.024	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1
Pyrene	**0.054**		0.024	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*11/27/24 10:47*	*12/02/24 15:26*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*11/27/24 10:47*	*12/02/24 15:26*	*1*
p-Terphenyl-d14 (Surr)	*69*		*33 - 147*	*11/27/24 10:47*	*12/02/24 15:26*	*1*

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.015**	**J**	0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
2-Methylnaphthalene	**0.047**		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Anthracene	**0.012**	**J**	0.022	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Benzo[g,h,i]perylene	**0.040**		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Benzo[k]fluoranthene	**0.029**		0.022	0.019	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Benzo[a]anthracene	**0.032**		0.022	0.0090	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Benzo[a]pyrene	**0.037**		0.022	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Benzo[b]fluoranthene	**0.029**		0.022	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Chrysene	**0.035**		0.022	0.0073	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Fluoranthene	**0.077**		0.022	0.0090	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Indeno[1,2,3-cd]pyrene	**0.023**		0.022	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Naphthalene	**0.038**		0.022	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Phenanthrene	**0.048**		0.022	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1
Pyrene	**0.065**		0.022	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*11/27/24 10:47*	*12/02/24 15:47*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*11/27/24 10:47*	*12/02/24 15:47*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*11/27/24 10:47*	*12/02/24 15:47*	*1*

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Benzo[a]anthracene	ND		0.023	0.0091	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0074	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	11/27/24 10:47	12/02/24 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*22 - 130*	*11/27/24 10:47*	*12/02/24 16:08*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*11/27/24 10:47*	*12/02/24 16:08*	*1*
p-Terphenyl-d14 (Surr)	*71*		*33 - 147*	*11/27/24 10:47*	*12/02/24 16:08*	*1*

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.095**		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
2-Methylnaphthalene	**0.13**		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Fluorene	**0.028**		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Naphthalene	**0.025**		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Phenanthrene	**0.058**		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1
Pyrene	**0.011**	**J**	0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*	*11/27/24 10:47*	*12/02/24 16:30*	*1*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*	*11/27/24 10:47*	*12/02/24 16:30*	*1*
p-Terphenyl-d14 (Surr)	*75*		*33 - 147*	*11/27/24 10:47*	*12/02/24 16:30*	*1*

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.027	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
2-Methylnaphthalene	ND		0.027	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Acenaphthene	ND		0.027	0.018	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Acenaphthylene	ND		0.027	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.027	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Benzo[g,h,i]perylene	ND		0.027	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Benzo[k]fluoranthene	ND		0.027	0.023	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Benzo[a]anthracene	ND		0.027	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Benzo[a]pyrene	ND		0.027	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Benzo[b]fluoranthene	ND		0.027	0.020	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Chrysene	ND		0.027	0.0087	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Dibenz(a,h)anthracene	ND		0.027	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Fluoranthene	ND		0.027	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Fluorene	ND		0.027	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Indeno[1,2,3-cd]pyrene	ND		0.027	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Naphthalene	ND		0.027	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Phenanthrene	ND		0.027	0.020	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1
Pyrene	ND		0.027	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*11/27/24 10:47*	*12/02/24 16:51*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*11/27/24 10:47*	*12/02/24 16:51*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 147*	*11/27/24 10:47*	*12/02/24 16:51*	*1*

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Benzo[a]anthracene	ND		0.022	0.0087	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Naphthalene	ND		0.022	0.0097	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1
Pyrene	ND		0.022	0.0094	mg/Kg	☼	11/27/24 10:47	12/02/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*22 - 130*	*11/27/24 10:47*	*12/02/24 17:12*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*11/27/24 10:47*	*12/02/24 17:12*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*11/27/24 10:47*	*12/02/24 17:12*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		14	3.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
1,2-Dichlorobenzene	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
1,3-Dichlorobenzene	ND		14	2.9	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
1,4-Dichlorobenzene	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
1-Methylnaphthalene	**3.8**	**J**	14	2.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4,5-Trichlorophenol	ND		14	5.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4,6-Trichlorophenol	ND		14	3.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4-Dichlorophenol	ND		14	3.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4-Dimethylphenol	ND		14	3.5	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4-Dinitrophenol	ND		55	25	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,4-Dinitrotoluene	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,6-Dichlorophenol	ND		14	3.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2,6-Dinitrotoluene	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Chloronaphthalene	ND		14	2.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Chlorophenol	ND		14	3.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Methylnaphthalene	**5.0**	**J**	14	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Methylphenol	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Nitroaniline	ND		14	2.5	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
2-Nitrophenol	ND		14	3.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
3,3'-Dichlorobenzidine	ND		68	15	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
3/4-Methylphenol	ND		27	2.9	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
3-Nitroaniline	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4,6-Dinitro-2-methylphenol	ND		68	26	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Bromophenyl phenyl ether	ND		14	2.0	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Chloro-3-methylphenol	ND		14	2.5	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Chloroaniline	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Chlorophenyl phenyl ether	ND		14	2.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Nitroaniline	ND		14	2.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
4-Nitrophenol	ND		14	8.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Acenaphthene	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Acenaphthylene	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Aniline	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Anthracene	ND		14	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Azobenzene	ND		14	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzidine	ND		140	16	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzo[a]anthracene	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzo[a]pyrene	ND		14	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzo[b]fluoranthene	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzo[g,h,i]perylene	ND		14	2.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzo[k]fluoranthene	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzoic acid	ND	*1	68	18	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Benzyl alcohol	ND		14	4.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Bis(2-chloroethoxy)methane	ND		14	3.0	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Bis(2-chloroethyl)ether	ND		68	2.9	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
bis (2-Chloroisopropyl) ether	ND		14	3.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Bis(2-ethylhexyl) phthalate	ND		14	5.9	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Butyl benzyl phthalate	ND		14	6.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Chrysene	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Dibenz(a,h)anthracene	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Diethyl phthalate	ND		14	3.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Dimethyl phthalate	ND		14	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Di-n-butyl phthalate	ND		14	3.0	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Di-n-octyl phthalate	ND		14	6.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Fluoranthene	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Fluorene	ND		14	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Hexachloro-1,3-butadiene	ND		14	3.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Hexachlorobenzene	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Hexachlorocyclopentadiene	ND		41	2.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Hexachloroethane	ND		14	2.5	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Indeno[1,2,3-cd]pyrene	ND		14	3.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Isophorone	ND		14	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Naphthalene	ND		14	3.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Nitrobenzene	ND		55	3.7	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
N-Nitrosodimethylamine	ND		14	2.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
N-Nitrosodi-n-propylamine	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
n-Nitrosodiphenylamine(as diphenylamine)	ND		14	2.3	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Pentachlorophenol	ND		68	50	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Phenanthrene	ND		14	2.0	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Phenol	ND		14	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Pyrene	ND		14	2.8	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25
Pyridine	ND		14	6.4	mg/Kg	☼	11/27/24 12:05	12/03/24 01:45	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 134*	*11/27/24 12:05*	*12/03/24 01:45*	*25*
2-Fluorobiphenyl (Surr)	*72*		*14 - 142*	*11/27/24 12:05*	*12/03/24 01:45*	*25*
2-Fluorophenol (Surr)	*93*		*10 - 123*	*11/27/24 12:05*	*12/03/24 01:45*	*25*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*11/27/24 12:05*	*12/03/24 01:45*	*25*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*	*11/27/24 12:05*	*12/03/24 01:45*	*25*
Phenol-d6 (Surr)	*77*		*10 - 120*	*11/27/24 12:05*	*12/03/24 01:45*	*25*

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
1-Methylnaphthalene	**0.17**	**J**	0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.56	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2-Methylnaphthalene	**0.24**	**J**	0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Bromophenyl phenyl ether	ND		0.56	0.083	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Nitroaniline	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
4-Nitrophenol	ND		0.56	0.36	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Acenaphthene	ND		0.56	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Aniline	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Anthracene	ND		0.56	0.088	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Azobenzene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzo[b]fluoranthene	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzoic acid	ND	*1	2.8	0.76	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Bis(2-chloroethoxy)methane	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Butyl benzyl phthalate	ND		0.56	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Di-n-butyl phthalate	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Isophorone	ND		0.56	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
N-Nitrosodi-n-propylamine	ND		0.56	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Phenanthrene	**0.10**	**J**	0.56	0.082	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Phenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Pyrene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 134*	*11/27/24 12:05*	*12/03/24 02:09*	*1*
2-Fluorobiphenyl (Surr)	*81*		*14 - 142*	*11/27/24 12:05*	*12/03/24 02:09*	*1*
2-Fluorophenol (Surr)	*101*		*10 - 123*	*11/27/24 12:05*	*12/03/24 02:09*	*1*
Nitrobenzene-d5 (Surr)	*90*		*10 - 129*	*11/27/24 12:05*	*12/03/24 02:09*	*1*
p-Terphenyl-d14 (Surr)	*92*		*31 - 139*	*11/27/24 12:05*	*12/03/24 02:09*	*1*
Phenol-d6 (Surr)	*101*		*10 - 120*	*11/27/24 12:05*	*12/03/24 02:09*	*1*

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		3.0	0.72	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
1,2-Dichlorobenzene	ND		3.0	0.51	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
1,3-Dichlorobenzene	ND		3.0	0.63	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
1,4-Dichlorobenzene	ND		3.0	0.57	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
1-Methylnaphthalene	**1.8**	**J**	3.0	0.62	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4,5-Trichlorophenol	ND		3.0	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4,6-Trichlorophenol	ND		3.0	0.71	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4-Dichlorophenol	ND		3.0	0.79	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4-Dimethylphenol	ND		3.0	0.77	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4-Dinitrophenol	ND		12	5.5	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,4-Dinitrotoluene	ND		3.0	0.49	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,6-Dichlorophenol	ND		3.0	0.67	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2,6-Dinitrotoluene	ND		3.0	0.52	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Chloronaphthalene	ND		3.0	0.52	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Chlorophenol	ND		3.0	0.80	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Methylnaphthalene	**1.7**	**J**	3.0	0.60	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Methylphenol	ND		3.0	0.58	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Nitroaniline	ND		3.0	0.55	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
2-Nitrophenol	ND		3.0	0.83	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
3,3'-Dichlorobenzidine	ND		15	3.2	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
3/4-Methylphenol	ND		6.0	0.63	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
3-Nitroaniline	ND		3.0	0.50	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4,6-Dinitro-2-methylphenol	ND		15	5.7	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4-Bromophenyl phenyl ether	ND		3.0	0.44	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4-Chloro-3-methylphenol	ND		3.0	0.56	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4-Chloroaniline	ND		3.0	0.49	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		3.0	0.61	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4-Nitroaniline	ND		3.0	0.61	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
4-Nitrophenol	ND		3.0	1.9	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Acenaphthene	ND		3.0	0.48	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Acenaphthylene	ND		3.0	0.58	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Aniline	ND		3.0	0.57	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Anthracene	ND		3.0	0.46	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Azobenzene	ND		3.0	0.47	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzidine	ND		30	3.4	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzo[a]anthracene	ND		3.0	0.50	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzo[a]pyrene	ND		3.0	0.60	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzo[b]fluoranthene	ND		3.0	0.51	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzo[g,h,i]perylene	ND		3.0	0.53	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzo[k]fluoranthene	ND		3.0	0.57	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzoic acid	ND	*1	15	4.0	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Benzyl alcohol	ND		3.0	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Bis(2-chloroethoxy)methane	ND		3.0	0.66	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Bis(2-chloroethyl)ether	ND		15	0.64	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
bis (2-Chloroisopropyl) ether	ND		3.0	0.71	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Bis(2-ethylhexyl) phthalate	ND		3.0	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Butyl benzyl phthalate	ND		3.0	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Chrysene	ND		3.0	0.50	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Dibenz(a,h)anthracene	ND		3.0	0.48	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Dibenzofuran	ND		3.0	0.57	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Diethyl phthalate	ND		3.0	0.69	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Dimethyl phthalate	ND		3.0	0.59	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Di-n-butyl phthalate	ND		3.0	0.66	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Di-n-octyl phthalate	ND		3.0	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Fluoranthene	ND		3.0	0.57	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Fluorene	ND		3.0	0.56	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Hexachloro-1,3-butadiene	ND		3.0	0.75	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Hexachlorobenzene	ND		3.0	0.48	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Hexachlorocyclopentadiene	ND		9.0	0.52	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Hexachloroethane	ND		3.0	0.55	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Indeno[1,2,3-cd]pyrene	ND		3.0	0.74	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Isophorone	ND		3.0	0.48	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Naphthalene	ND		3.0	0.83	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Nitrobenzene	ND		12	0.81	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
N-Nitrosodimethylamine	ND		3.0	0.53	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
N-Nitrosodi-n-propylamine	ND		3.0	0.51	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		3.0	0.51	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Pentachlorophenol	ND		15	11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Phenanthrene	**0.55**	**J**	3.0	0.43	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Phenol	ND		3.0	0.58	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Pyrene	ND		3.0	0.61	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5
Pyridine	ND		3.0	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 02:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 134*	*11/27/24 12:05*	*12/03/24 02:32*	*5*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*11/27/24 12:05*	*12/03/24 02:32*	*5*
2-Fluorophenol (Surr)	*102*		*10 - 123*	*11/27/24 12:05*	*12/03/24 02:32*	*5*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*11/27/24 12:05*	*12/03/24 02:32*	*5*
p-Terphenyl-d14 (Surr)	*102*		*31 - 139*	*11/27/24 12:05*	*12/03/24 02:32*	*5*
Phenol-d6 (Surr)	*99*		*10 - 120*	*11/27/24 12:05*	*12/03/24 02:32*	*5*

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
1,4-Dichlorobenzene	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
1-Methylnaphthalene	**4.1**		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4,5-Trichlorophenol	ND		0.60	0.24	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4-Dimethylphenol	ND		0.60	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,4-Dinitrotoluene	ND		0.60	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,6-Dichlorophenol	ND		0.60	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Methylnaphthalene	**5.8**		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
3,3'-Dichlorobenzidine	ND		3.0	0.65	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Bromophenyl phenyl ether	ND		0.60	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Chloroaniline	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Acenaphthene	ND		0.60	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Aniline	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Anthracene	ND		0.60	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Azobenzene	ND		0.60	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzidine	ND		6.0	0.70	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzo[a]anthracene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzoic acid	ND	*1	3.0	0.81	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Chrysene	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Dibenz(a,h)anthracene	ND		0.60	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Dibenzofuran	**0.23**	**J**	0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Fluorene	**0.39**	**J**	0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Hexachlorobenzene	ND		0.60	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Isophorone	ND		0.60	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Naphthalene	**1.0**		0.60	0.17	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Phenanthrene	**0.34**	**J**	0.60	0.087	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Phenol	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1
Pyridine	ND		0.60	0.29	mg/Kg	☼	11/27/24 12:05	12/03/24 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 134*	*11/27/24 12:05*	*12/03/24 02:56*	*1*
2-Fluorobiphenyl (Surr)	*78*		*14 - 142*	*11/27/24 12:05*	*12/03/24 02:56*	*1*
2-Fluorophenol (Surr)	*101*		*10 - 123*	*11/27/24 12:05*	*12/03/24 02:56*	*1*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*11/27/24 12:05*	*12/03/24 02:56*	*1*
p-Terphenyl-d14 (Surr)	*91*		*31 - 139*	*11/27/24 12:05*	*12/03/24 02:56*	*1*
Phenol-d6 (Surr)	*103*		*10 - 120*	*11/27/24 12:05*	*12/03/24 02:56*	*1*

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.7	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
1,2-Dichlorobenzene	ND		5.7	0.96	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
1,3-Dichlorobenzene	ND		5.7	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
1-Methylnaphthalene	ND		5.7	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4,5-Trichlorophenol	ND		5.7	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4,6-Trichlorophenol	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4-Dichlorophenol	ND		5.7	1.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4-Dimethylphenol	ND		5.7	1.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4-Dinitrophenol	ND		23	10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,4-Dinitrotoluene	ND		5.7	0.92	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,6-Dichlorophenol	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2,6-Dinitrotoluene	ND		5.7	0.98	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Chloronaphthalene	ND		5.7	0.98	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Chlorophenol	ND		5.7	1.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Methylnaphthalene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Methylphenol	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Nitroaniline	ND		5.7	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
2-Nitrophenol	ND		5.7	1.6	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
3,3'-Dichlorobenzidine	ND		28	6.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
3/4-Methylphenol	ND		11	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
3-Nitroaniline	ND		5.7	0.95	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4,6-Dinitro-2-methylphenol	ND		28	11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Bromophenyl phenyl ether	ND		5.7	0.83	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Chloro-3-methylphenol	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Chloroaniline	ND		5.7	0.93	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Chlorophenyl phenyl ether	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Nitroaniline	ND		5.7	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
4-Nitrophenol	ND		5.7	3.6	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Acenaphthene	ND		5.7	0.90	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Acenaphthylene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Aniline	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Anthracene	ND		5.7	0.88	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Azobenzene	ND		5.7	0.89	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzidine	ND		57	6.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzo[a]anthracene	ND		5.7	0.94	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzo[a]pyrene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzo[b]fluoranthene	ND		5.7	0.96	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzo[g,h,i]perylene	ND		5.7	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzo[k]fluoranthene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzoic acid	ND	*1	28	7.6	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Benzyl alcohol	ND		5.7	1.9	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Bis(2-chloroethoxy)methane	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Bis(2-chloroethyl)ether	ND		28	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
bis (2-Chloroisopropyl) ether	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Bis(2-ethylhexyl) phthalate	ND		5.7	2.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Butyl benzyl phthalate	ND		5.7	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Chrysene	ND		5.7	0.94	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Dibenz(a,h)anthracene	ND		5.7	0.91	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Dibenzofuran	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Diethyl phthalate	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Dimethyl phthalate	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.7	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Di-n-octyl phthalate	ND		5.7	2.6	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Fluoranthene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Fluorene	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Hexachloro-1,3-butadiene	ND		5.7	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Hexachlorobenzene	ND		5.7	0.91	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Hexachlorocyclopentadiene	ND		17	0.98	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Hexachloroethane	ND		5.7	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Indeno[1,2,3-cd]pyrene	ND		5.7	1.4	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Isophorone	ND		5.7	0.90	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Naphthalene	ND		5.7	1.6	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Nitrobenzene	ND		23	1.5	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
N-Nitrosodimethylamine	ND		5.7	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
N-Nitrosodi-n-propylamine	ND		5.7	0.97	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.7	0.97	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Pentachlorophenol	ND		28	21	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Phenanthrene	ND		5.7	0.82	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Phenol	ND		5.7	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Pyrene	ND		5.7	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10
Pyridine	ND		5.7	2.7	mg/Kg	☼	11/27/24 12:05	12/03/24 03:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 134*	*11/27/24 12:05*	*12/03/24 03:19*	*10*
2-Fluorobiphenyl (Surr)	*81*		*14 - 142*	*11/27/24 12:05*	*12/03/24 03:19*	*10*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*11/27/24 12:05*	*12/03/24 03:19*	*10*
Nitrobenzene-d5 (Surr)	*83*		*10 - 129*	*11/27/24 12:05*	*12/03/24 03:19*	*10*
p-Terphenyl-d14 (Surr)	*92*		*31 - 139*	*11/27/24 12:05*	*12/03/24 03:19*	*10*
Phenol-d6 (Surr)	*88*		*10 - 120*	*11/27/24 12:05*	*12/03/24 03:19*	*10*

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
1,2-Dichlorobenzene	ND		0.59	0.099	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4-Dichlorophenol	ND		0.59	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,4-Dinitrotoluene	ND		0.59	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
3-Nitroaniline	ND		0.59	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Bromophenyl phenyl ether	ND		0.59	0.086	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Chloroaniline	ND		0.59	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Acenaphthene	ND		0.59	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Aniline	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Anthracene	ND		0.59	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Azobenzene	ND		0.59	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzidine	ND		5.9	0.67	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzo[b]fluoranthene	ND		0.59	0.099	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzo[g,h,i]perylene	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzoic acid	ND	*1	2.9	0.79	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Chrysene	ND		0.59	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Dibenz(a,h)anthracene	ND		0.59	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Diethyl phthalate	ND		0.59	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Hexachlorobenzene	ND		0.59	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Isophorone	ND		0.59	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
N-Nitrosodimethylamine	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Pentachlorophenol	ND		2.9	2.2	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Phenol	ND		0.59	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	11/27/24 12:05	12/03/24 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 134*	*11/27/24 12:05*	*12/03/24 03:42*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*11/27/24 12:05*	*12/03/24 03:42*	*1*
2-Fluorophenol (Surr)	*96*		*10 - 123*	*11/27/24 12:05*	*12/03/24 03:42*	*1*
Nitrobenzene-d5 (Surr)	*82*		*10 - 129*	*11/27/24 12:05*	*12/03/24 03:42*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*11/27/24 12:05*	*12/03/24 03:42*	*1*
Phenol-d6 (Surr)	*95*		*10 - 120*	*11/27/24 12:05*	*12/03/24 03:42*	*1*

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,4-Dinitrotoluene	ND		0.58	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Chlorophenol	ND		0.58	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Methylnaphthalene	**0.15**	**J**	0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
3-Nitroaniline	ND		0.58	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.58	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Aniline	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Anthracene	ND		0.58	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Azobenzene	ND		0.58	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzidine	ND		5.8	0.67	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzo[b]fluoranthene	ND		0.58	0.099	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzoic acid	ND	*1	2.9	0.79	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Benzyl alcohol	ND		0.58	0.20	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Chrysene	ND		0.58	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Isophorone	ND		0.58	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
N-Nitrosodi-n-propylamine	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Phenol	ND		0.58	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1
Pyridine	ND		0.58	0.28	mg/Kg	☼	11/27/24 12:05	12/03/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 134*	*11/27/24 12:05*	*12/03/24 04:06*	*1*
2-Fluorobiphenyl (Surr)	*76*		*14 - 142*	*11/27/24 12:05*	*12/03/24 04:06*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 123*	*11/27/24 12:05*	*12/03/24 04:06*	*1*
Nitrobenzene-d5 (Surr)	*85*		*10 - 129*	*11/27/24 12:05*	*12/03/24 04:06*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-17
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*91*		*31 - 139*	*11/27/24 12:05*	*12/03/24 04:06*	*1*
Phenol-d6 (Surr)	*92*		*10 - 120*	*11/27/24 12:05*	*12/03/24 04:06*	*1*

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.67	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
1,2-Dichlorobenzene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
1,3-Dichlorobenzene	ND		0.67	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
1,4-Dichlorobenzene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
1-Methylnaphthalene	ND		0.67	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4,5-Trichlorophenol	ND		0.67	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4,6-Trichlorophenol	ND		0.67	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4-Dichlorophenol	ND		0.67	0.18	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4-Dimethylphenol	ND		0.67	0.17	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4-Dinitrophenol	ND		2.7	1.2	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,4-Dinitrotoluene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,6-Dichlorophenol	ND		0.67	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2,6-Dinitrotoluene	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Chloronaphthalene	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Chlorophenol	ND		0.67	0.18	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Methylnaphthalene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Methylphenol	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Nitroaniline	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
2-Nitrophenol	ND		0.67	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
3,3'-Dichlorobenzidine	ND		3.4	0.72	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
3/4-Methylphenol	ND		1.3	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
3-Nitroaniline	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4,6-Dinitro-2-methylphenol	ND		3.4	1.3	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Bromophenyl phenyl ether	ND		0.67	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Chloro-3-methylphenol	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Chloroaniline	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Chlorophenyl phenyl ether	ND		0.67	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Nitroaniline	ND		0.67	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
4-Nitrophenol	ND		0.67	0.42	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Acenaphthene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Acenaphthylene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Aniline	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Anthracene	ND		0.67	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Azobenzene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzidine	ND		6.7	0.77	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzo[a]anthracene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzo[a]pyrene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzo[b]fluoranthene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzo[g,h,i]perylene	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzo[k]fluoranthene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzoic acid	ND	*1	3.4	0.90	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Benzyl alcohol	ND		0.67	0.22	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.67	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Bis(2-chloroethyl)ether	ND		3.4	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
bis (2-Chloroisopropyl) ether	ND		0.67	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Bis(2-ethylhexyl) phthalate	ND		0.67	0.29	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Butyl benzyl phthalate	ND		0.67	0.32	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Chrysene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Dibenz(a,h)anthracene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Dibenzofuran	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Diethyl phthalate	ND		0.67	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Dimethyl phthalate	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Di-n-butyl phthalate	ND		0.67	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Di-n-octyl phthalate	ND		0.67	0.31	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Fluoranthene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Fluorene	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Hexachloro-1,3-butadiene	ND		0.67	0.17	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Hexachlorobenzene	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Hexachlorocyclopentadiene	ND		2.0	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Hexachloroethane	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Indeno[1,2,3-cd]pyrene	ND		0.67	0.17	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Isophorone	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Naphthalene	ND		0.67	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Nitrobenzene	ND		2.7	0.18	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
N-Nitrosodimethylamine	ND		0.67	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
N-Nitrosodi-n-propylamine	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.67	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Pentachlorophenol	ND		3.4	2.5	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Phenanthrene	ND		0.67	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Phenol	ND		0.67	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Pyrene	ND		0.67	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1
Pyridine	ND		0.67	0.32	mg/Kg	☼	11/27/24 12:05	12/03/24 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 134*	*11/27/24 12:05*	*12/03/24 04:29*	*1*
2-Fluorobiphenyl (Surr)	*82*		*14 - 142*	*11/27/24 12:05*	*12/03/24 04:29*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 123*	*11/27/24 12:05*	*12/03/24 04:29*	*1*
Nitrobenzene-d5 (Surr)	*89*		*10 - 129*	*11/27/24 12:05*	*12/03/24 04:29*	*1*
p-Terphenyl-d14 (Surr)	*88*		*31 - 139*	*11/27/24 12:05*	*12/03/24 04:29*	*1*
Phenol-d6 (Surr)	*97*		*10 - 120*	*11/27/24 12:05*	*12/03/24 04:29*	*1*

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Aniline	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzidine	ND	F1	5.6	0.64	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzoic acid	ND	*1	2.8	0.75	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Phenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 134*	*11/27/24 12:05*	*12/03/24 01:22*	*1*
2-Fluorobiphenyl (Surr)	*83*		*14 - 142*	*11/27/24 12:05*	*12/03/24 01:22*	*1*
2-Fluorophenol (Surr)	*98*		*10 - 123*	*11/27/24 12:05*	*12/03/24 01:22*	*1*
Nitrobenzene-d5 (Surr)	*94*		*10 - 129*	*11/27/24 12:05*	*12/03/24 01:22*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*11/27/24 12:05*	*12/03/24 01:22*	*1*
Phenol-d6 (Surr)	*96*		*10 - 120*	*11/27/24 12:05*	*12/03/24 01:22*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	90		6.0	2.7	mg/Kg	☼	11/26/24 18:56	12/03/24 21:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*42 - 126*	*11/26/24 18:56*	*12/03/24 21:38*	*50*

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	19		5.4	2.4	mg/Kg	☼	11/26/24 18:56	12/03/24 21:14	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*42 - 126*	*11/26/24 18:56*	*12/03/24 21:14*	*50*

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	50		14	6.0	mg/Kg	☼	11/26/24 18:56	12/03/24 22:50	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*	*11/26/24 18:56*	*12/03/24 22:50*	*100*

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	210		8.9	3.9	mg/Kg	☼	11/26/24 18:56	12/03/24 23:14	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*186*	*S1+*	*42 - 126*	*11/26/24 18:56*	*12/03/24 23:14*	*100*

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.064	J	0.12	0.054	mg/Kg	☼	11/26/24 18:56	12/04/24 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*11/26/24 18:56*	*12/04/24 02:03*	*1*

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg	☼	11/26/24 18:56	12/04/24 13:56	1

Method: SW846 8015B - Gasoline Range Organics - (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		42 - 126	11/26/24 18:56	12/04/24 13:56	1

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.051	mg/Kg	☼	11/26/24 18:56	12/04/24 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		42 - 126	11/26/24 18:56	12/04/24 02:27	1

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.12**	**J**	0.26	0.11	mg/Kg	☼	11/26/24 18:56	12/03/24 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		42 - 126	11/26/24 18:56	12/03/24 20:49	1

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.043**	**J**	0.089	0.039	mg/Kg	☼	11/26/24 18:56	12/03/24 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		42 - 126	11/26/24 18:56	12/03/24 19:37	1

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/05/24 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	52		20 - 144		12/05/24 10:53	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	1700		28	26	mg/Kg	☼	11/30/24 10:44	11/30/24 18:40	5
C23-C40	2000		28	26	mg/Kg	☼	11/30/24 10:44	11/30/24 18:40	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*145*	*S1+*	*60 - 138*	*11/30/24 10:44*	*11/30/24 18:40*	*5*

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	84		5.7	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 19:07	1
C23-C40	12		5.7	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 138*	*11/30/24 10:44*	*11/30/24 19:07*	*1*

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	680		5.9	5.4	mg/Kg	☼	11/30/24 10:44	11/30/24 19:34	1
C23-C40	300		5.9	5.4	mg/Kg	☼	11/30/24 10:44	11/30/24 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*117*		*60 - 138*	*11/30/24 10:44*	*11/30/24 19:34*	*1*

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	490		5.9	5.4	mg/Kg	☼	11/30/24 10:44	11/30/24 20:01	1
C23-C40	190		5.9	5.4	mg/Kg	☼	11/30/24 10:44	11/30/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*60 - 138*	*11/30/24 10:44*	*11/30/24 20:01*	*1*

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	41		28	26	mg/Kg	☼	11/30/24 10:44	11/30/24 20:28	5
C23-C40	360		28	26	mg/Kg	☼	11/30/24 10:44	11/30/24 20:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*122*		*60 - 138*	*11/30/24 10:44*	*11/30/24 20:28*	*5*

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	11/30/24 10:44	11/30/24 20:55	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	11/30/24 10:44	11/30/24 20:55	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*112*		*60 - 138*	*11/30/24 10:44*	*11/30/24 20:55*	*1*

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**73**		5.6	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 21:22	1
C23-C40	**17**		5.6	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*112*		*60 - 138*	*11/30/24 10:44*	*11/30/24 21:22*	*1*

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.7	6.2	mg/Kg	☼	11/30/24 10:44	11/30/24 21:49	1
C23-C40	ND		6.7	6.2	mg/Kg	☼	11/30/24 10:44	11/30/24 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*112*		*60 - 138*	*11/30/24 10:44*	*11/30/24 21:49*	*1*

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 22:15	1
C23-C40	**16**		5.6	5.2	mg/Kg	☼	11/30/24 10:44	11/30/24 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*113*		*60 - 138*	*11/30/24 10:44*	*11/30/24 22:15*	*1*

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		48	40	ug/L		12/01/24 11:00	12/03/24 18:27	1
C23-C40	ND		48	40	ug/L		12/01/24 11:00	12/03/24 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*98*		*53 - 151*	*12/01/24 11:00*	*12/03/24 18:27*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-16-0.5
Date Collected: 11/25/24 14:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F1	0.055	0.043	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1221	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1232	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1242	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1248	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1254	ND		0.055	0.028	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1260	ND	F2	0.055	0.028	mg/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1262	ND		55	28	ug/Kg	☼	11/27/24 12:47	11/30/24 21:30	1
Aroclor-1268	ND		55	28	ug/Kg	☼	11/27/24 12:47	11/30/24 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*54*		*25 - 120*	*11/27/24 12:47*	*11/30/24 21:30*	*1*
DCB Decachlorobiphenyl (Surr)	*61*		*20 - 120*	*11/27/24 12:47*	*11/30/24 21:30*	*1*

Client Sample ID: SB-16-2.0
Date Collected: 11/25/24 14:36
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.058	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1221	ND		0.058	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1232	ND		0.058	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1242	ND		0.058	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1248	ND		0.058	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1254	ND		0.058	0.030	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1260	ND		0.058	0.030	mg/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1262	ND		58	30	ug/Kg	☼	11/27/24 12:47	12/02/24 19:24	1
Aroclor-1268	ND		58	30	ug/Kg	☼	11/27/24 12:47	12/02/24 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*90*		*25 - 120*	*11/27/24 12:47*	*12/02/24 19:24*	*1*
DCB Decachlorobiphenyl (Surr)	*95*		*20 - 120*	*11/27/24 12:47*	*12/02/24 19:24*	*1*

Client Sample ID: SB-15-0.5
Date Collected: 11/25/24 14:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.059	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1221	ND		0.059	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1232	ND		0.059	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1242	ND		0.059	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1248	ND		0.059	0.046	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1254	ND		0.059	0.030	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1260	ND		0.059	0.030	mg/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1262	ND		59	30	ug/Kg	☼	11/27/24 12:47	12/02/24 21:58	1
Aroclor-1268	ND		59	30	ug/Kg	☼	11/27/24 12:47	12/02/24 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 120*	*11/27/24 12:47*	*12/02/24 21:58*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 120*	*11/27/24 12:47*	*12/02/24 21:58*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-15-2.0
Date Collected: 11/25/24 14:49
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.064	0.050	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1221	ND		0.064	0.050	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1232	ND		0.064	0.050	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1242	ND		0.064	0.050	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1248	ND		0.064	0.050	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1254	ND		0.064	0.033	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1260	ND		0.064	0.033	mg/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1262	ND		64	33	ug/Kg	☼	11/27/24 12:47	12/02/24 19:44	1
Aroclor-1268	ND		64	33	ug/Kg	☼	11/27/24 12:47	12/02/24 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*25 - 120*	*11/27/24 12:47*	*12/02/24 19:44*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*	*11/27/24 12:47*	*12/02/24 19:44*	*1*

Client Sample ID: SB-14-0.5
Date Collected: 11/25/24 15:09
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.060	0.047	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1221	ND		0.060	0.047	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1232	ND		0.060	0.047	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1242	ND		0.060	0.047	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1248	ND		0.060	0.047	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1254	ND		0.060	0.031	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1260	ND		0.060	0.031	mg/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1262	ND		60	31	ug/Kg	☼	11/27/24 12:47	12/02/24 22:17	1
Aroclor-1268	ND		60	31	ug/Kg	☼	11/27/24 12:47	12/02/24 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*70*		*25 - 120*	*11/27/24 12:47*	*12/02/24 22:17*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*20 - 120*	*11/27/24 12:47*	*12/02/24 22:17*	*1*

Client Sample ID: SB-14-2.0
Date Collected: 11/25/24 15:14
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1221	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1232	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1242	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1248	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1254	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1260	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1262	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 22:36	1
Aroclor-1268	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*98*		*25 - 120*	*11/27/24 12:47*	*12/02/24 22:36*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*20 - 120*	*11/27/24 12:47*	*12/02/24 22:36*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.39	0.25	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1221	ND		0.39	0.25	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1232	ND		0.39	0.25	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1242	ND		0.39	0.25	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1248	ND		0.39	0.25	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1254	ND		0.39	0.30	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1260	ND		0.39	0.30	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1262	ND		0.39	0.30	ug/L		12/02/24 09:09	12/03/24 09:36	1
Aroclor-1268	ND		0.39	0.30	ug/L		12/02/24 09:09	12/03/24 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*98*		*20 - 144*	*12/02/24 09:09*	*12/03/24 09:36*	*1*
DCB Decachlorobiphenyl (Surr)	*111*		*20 - 122*	*12/02/24 09:09*	*12/03/24 09:36*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB-5-0.5
Date Collected: 11/25/24 09:26
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	6.76	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Arsenic	**2.41**	**J**	3.59	2.32	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Barium	**38.0**		2.39	0.353	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Beryllium	ND		0.478	0.112	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Cadmium	**0.430**	**J**	0.478	0.183	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Chromium	**42.5**	**B**	1.20	0.635	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Cobalt	**2.29**	**J**	2.39	0.509	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Copper	**12.7**		2.39	0.680	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Lead	**5.76**		2.39	1.58	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Molybdenum	ND		4.78	1.17	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Nickel	**20.6**		2.39	1.36	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Selenium	ND		3.59	1.87	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Silver	ND		2.39	0.508	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Thallium	ND		12.0	3.41	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Vanadium	**1400**		4.78	1.05	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2
Zinc	**67.1**		4.78	1.95	mg/Kg	☼	12/02/24 09:46	12/03/24 13:49	2

Client Sample ID: SB-5-2.0
Date Collected: 11/25/24 09:38
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.27	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Arsenic	ND		3.33	2.15	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Barium	**70.2**		2.22	0.327	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Beryllium	**0.399**	**J**	0.444	0.104	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Cadmium	ND		0.444	0.170	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Chromium	**18.9**	**B**	1.11	0.589	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Cobalt	**7.65**		2.22	0.472	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Copper	**17.0**		2.22	0.631	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Lead	**6.34**		2.22	1.47	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Molybdenum	ND		4.44	1.09	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Nickel	**9.51**		2.22	1.26	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Selenium	ND		3.33	1.74	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Silver	ND		2.22	0.471	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Thallium	ND		11.1	3.17	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Vanadium	**34.3**		4.44	0.971	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2
Zinc	**38.5**		4.44	1.81	mg/Kg	☼	12/02/24 09:46	12/03/24 14:08	2

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.20	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Arsenic	**4.53**		3.29	2.13	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Barium	**196**		2.19	0.323	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Beryllium	ND		0.438	0.103	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Cadmium	**3.02**		0.438	0.168	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Chromium	**19.1**	**B**	1.10	0.582	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Cobalt	**4.43**		2.19	0.467	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Copper	**40.7**		2.19	0.623	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**19.7**		2.19	1.45	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Molybdenum	**3.04**	**J**	4.38	1.07	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Nickel	**19.5**		2.19	1.24	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Selenium	ND		3.29	1.72	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Silver	ND		2.19	0.466	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Thallium	ND		11.0	3.13	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Vanadium	**1610**		4.38	0.959	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2
Zinc	**1110**		4.38	1.79	mg/Kg	☼	12/02/24 09:46	12/03/24 14:11	2

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.5	7.05	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Arsenic	**5.38**		3.74	2.42	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Barium	**64.3**		2.49	0.368	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Beryllium	**0.598**		0.498	0.117	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Cadmium	ND		0.498	0.191	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Chromium	**25.3**	**B**	1.25	0.662	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Cobalt	**8.65**		2.49	0.531	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Copper	**15.7**		2.49	0.709	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Lead	**7.05**		2.49	1.65	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Molybdenum	ND		4.98	1.22	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Nickel	**18.0**		2.49	1.42	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Selenium	ND		3.74	1.95	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Silver	ND		2.49	0.530	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Thallium	ND		12.5	3.56	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Vanadium	**59.6**		4.98	1.09	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2
Zinc	**48.6**		4.98	2.03	mg/Kg	☼	12/02/24 09:46	12/03/24 14:13	2

Client Sample ID: SB-1-1.5
Date Collected: 11/25/24 10:14
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.73	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Arsenic	**4.19**		3.57	2.31	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Barium	**70.4**		2.38	0.351	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Beryllium	**0.404**	**J**	0.476	0.112	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Cadmium	ND		0.476	0.182	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Chromium	**18.7**	**B**	1.19	0.631	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Cobalt	**7.94**		2.38	0.507	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Copper	**11.5**		2.38	0.677	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Lead	**4.59**		2.38	1.57	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Molybdenum	ND		4.76	1.17	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Nickel	**12.2**		2.38	1.35	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Selenium	ND		3.57	1.86	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Silver	ND		2.38	0.505	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Thallium	ND		11.9	3.40	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Vanadium	**39.4**		4.76	1.04	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2
Zinc	**36.2**		4.76	1.94	mg/Kg	☼	12/02/24 09:46	12/03/24 14:15	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB-1-2.5
Date Collected: 11/25/24 10:21
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.3	7.54	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Arsenic	**2.93**	**J**	4.00	2.59	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Barium	**81.8**		2.67	0.393	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Beryllium	**0.613**		0.533	0.125	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Cadmium	ND		0.533	0.204	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Chromium	**23.8**	**B**	1.33	0.708	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Cobalt	**9.68**		2.67	0.568	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Copper	**14.2**		2.67	0.759	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Lead	**8.11**		2.67	1.76	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Molybdenum	ND		5.33	1.31	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Nickel	**21.2**		2.67	1.51	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Selenium	ND		4.00	2.09	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Silver	ND		2.67	0.567	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Thallium	ND		13.3	3.81	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Vanadium	**39.5**		5.33	1.17	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2
Zinc	**50.3**		5.33	2.18	mg/Kg	☼	12/02/24 09:46	12/03/24 14:18	2

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.0	7.36	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Arsenic	**2.94**	**J**	3.90	2.53	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Barium	**59.1**		2.60	0.384	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Beryllium	ND		0.520	0.122	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Cadmium	ND		0.520	0.199	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Chromium	**12.2**	**B**	1.30	0.691	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Cobalt	**6.04**		2.60	0.554	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Copper	**14.1**		2.60	0.740	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Lead	**7.36**		2.60	1.72	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Molybdenum	ND		5.20	1.28	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Nickel	**8.87**		2.60	1.48	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Selenium	ND		3.90	2.04	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Silver	ND		2.60	0.553	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Thallium	ND		13.0	3.72	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Vanadium	**1600**		5.20	1.14	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2
Zinc	**52.4**		5.20	2.12	mg/Kg	☼	12/02/24 09:46	12/03/24 14:20	2

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.3	5.81	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Arsenic	**3.84**		3.08	1.99	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Barium	**63.3**		2.05	0.303	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Beryllium	**0.370**	**J**	0.411	0.0965	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Cadmium	ND		0.411	0.157	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Chromium	**18.7**	**B**	1.03	0.545	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Cobalt	**7.19**		2.05	0.437	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Copper	**15.5**		2.05	0.584	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.75**		2.05	1.36	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Molybdenum	ND		4.11	1.01	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Nickel	**10.3**		2.05	1.17	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Selenium	ND		3.08	1.61	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Silver	ND		2.05	0.436	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Thallium	ND		10.3	2.93	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Vanadium	**68.8**		4.11	0.899	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2
Zinc	**40.0**		4.11	1.68	mg/Kg	☼	12/02/24 09:46	12/03/24 14:22	2

Client Sample ID: SB-3-0.5
Date Collected: 11/25/24 10:51
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.3	5.85	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Arsenic	**4.93**		3.10	2.01	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Barium	**77.8**		2.07	0.305	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Beryllium	**0.331**	**J**	0.414	0.0973	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Cadmium	**0.662**		0.414	0.158	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Chromium	**15.2**	**B**	1.03	0.549	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Cobalt	**9.79**		2.07	0.441	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Copper	**25.8**		2.07	0.589	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Lead	**9.77**		2.07	1.37	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Molybdenum	ND		4.14	1.01	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Nickel	**15.1**		2.07	1.18	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Selenium	ND		3.10	1.62	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Silver	ND		2.07	0.440	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Thallium	ND		10.3	2.96	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Vanadium	**105**		4.14	0.906	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2
Zinc	**89.8**		4.14	1.69	mg/Kg	☼	12/02/24 09:46	12/03/24 14:32	2

Client Sample ID: SB-3-2.0
Date Collected: 11/25/24 10:59
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.26	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Arsenic	**2.72**	**J**	3.32	2.15	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Barium	**55.6**		2.21	0.326	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Beryllium	**0.310**	**J**	0.443	0.104	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Cadmium	ND		0.443	0.169	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Chromium	**16.3**	**B**	1.11	0.588	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Cobalt	**7.39**		2.21	0.471	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Copper	**12.7**		2.21	0.630	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Lead	**4.85**		2.21	1.46	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Molybdenum	ND		4.43	1.08	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Nickel	**8.94**		2.21	1.26	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Selenium	ND		3.32	1.73	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Silver	ND		2.21	0.470	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Thallium	ND		11.1	3.16	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Vanadium	**31.8**		4.43	0.969	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2
Zinc	**33.9**		4.43	1.81	mg/Kg	☼	12/02/24 09:46	12/03/24 14:34	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB-4-0.5
Date Collected: 11/25/24 11:11
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.7	6.60	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Arsenic	**3.24**	**J**	3.50	2.27	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Barium	**75.0**		2.33	0.344	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Beryllium	ND		0.467	0.110	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Cadmium	ND		0.467	0.179	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Chromium	**14.1**	**B**	1.17	0.620	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Cobalt	**3.03**		2.33	0.497	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Copper	**14.1**		2.33	0.664	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Lead	**10.6**		2.33	1.54	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Molybdenum	ND		4.67	1.14	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Nickel	**10.1**		2.33	1.33	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Selenium	ND		3.50	1.83	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Silver	ND		2.33	0.496	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Thallium	ND		11.7	3.33	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Vanadium	**482**		4.67	1.02	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2
Zinc	**39.2**		4.67	1.90	mg/Kg	☼	12/02/24 09:46	12/03/24 14:36	2

Client Sample ID: SB-4-2.0
Date Collected: 11/25/24 11:20
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.6	7.11	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Arsenic	ND		3.77	2.44	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Barium	**70.8**		2.51	0.371	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Beryllium	**0.276**	**J**	0.502	0.118	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Cadmium	**0.301**	**J**	0.502	0.192	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Chromium	**17.8**	**B**	1.26	0.667	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Cobalt	**6.96**		2.51	0.535	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Copper	**16.0**		2.51	0.715	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Lead	**31.8**		2.51	1.66	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Molybdenum	ND		5.02	1.23	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Nickel	**11.2**		2.51	1.43	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Selenium	ND		3.77	1.97	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Silver	ND		2.51	0.534	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Thallium	ND		12.6	3.59	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Vanadium	**104**		5.02	1.10	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2
Zinc	**49.7**		5.02	2.05	mg/Kg	☼	12/02/24 09:46	12/03/24 14:38	2

Client Sample ID: SB-7-0.5
Date Collected: 11/25/24 11:27
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.4	7.01	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Arsenic	**4.09**		3.72	2.41	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Barium	**390**		2.48	0.366	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Beryllium	ND		0.496	0.117	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Cadmium	ND		0.496	0.190	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Chromium	**14.4**	**B**	1.24	0.658	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Cobalt	**9.47**		2.48	0.528	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Copper	**17.8**		2.48	0.705	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB-7-0.5
Date Collected: 11/25/24 11:27
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**37.8**		2.48	1.64	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Molybdenum	**1.66**	**J**	4.96	1.21	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Nickel	**12.5**		2.48	1.41	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Selenium	ND		3.72	1.94	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Silver	ND		2.48	0.527	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Thallium	ND		12.4	3.54	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Vanadium	**143**		4.96	1.09	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2
Zinc	**38.3**		4.96	2.02	mg/Kg	☼	12/02/24 09:46	12/03/24 14:41	2

Client Sample ID: SB-7-2.0
Date Collected: 11/25/24 11:34
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.2	5.80	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Arsenic	**2.73**	**J**	3.07	1.99	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Barium	**47.2**		2.05	0.302	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Beryllium	**0.287**	**J**	0.410	0.0963	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Cadmium	ND		0.410	0.157	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Chromium	**15.5**	**B**	1.02	0.544	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Cobalt	**5.18**		2.05	0.436	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Copper	**12.0**		2.05	0.583	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Lead	**9.41**		2.05	1.36	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Molybdenum	ND		4.10	1.00	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Nickel	**7.97**		2.05	1.16	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Selenium	ND		3.07	1.60	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Silver	ND		2.05	0.435	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Thallium	ND		10.2	2.93	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Vanadium	**30.0**		4.10	0.898	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2
Zinc	**31.4**		4.10	1.67	mg/Kg	☼	12/02/24 09:46	12/03/24 14:43	2

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.2	7.44	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Arsenic	**5.05**		3.95	2.55	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Barium	**212**		2.63	0.388	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Beryllium	**0.289**	**J**	0.526	0.124	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Cadmium	**25.6**		0.526	0.201	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Chromium	**32.1**	**B**	1.32	0.698	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Cobalt	**8.76**		2.63	0.560	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Copper	**191**		2.63	0.748	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Lead	**26.9**		2.63	1.74	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Molybdenum	**1.45**	**J**	5.26	1.29	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Nickel	**40.3**		2.63	1.49	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Selenium	ND		3.95	2.06	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Silver	ND		2.63	0.559	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Thallium	ND		13.2	3.76	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Vanadium	**686**		5.26	1.15	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2
Zinc	**1960**		5.26	2.15	mg/Kg	☼	12/02/24 09:46	12/03/24 14:45	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.9	6.15	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Arsenic	**3.04**	**J**	3.26	2.11	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Barium	**56.2**		2.17	0.321	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Beryllium	**0.326**	**J**	0.435	0.102	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Cadmium	ND		0.435	0.166	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Chromium	**16.3**	**B**	1.09	0.577	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Cobalt	**6.22**		2.17	0.463	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Copper	**13.0**		2.17	0.619	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Lead	**4.46**		2.17	1.44	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Molybdenum	ND		4.35	1.07	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Nickel	**9.00**		2.17	1.23	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Selenium	ND		3.26	1.70	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Silver	ND		2.17	0.462	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Thallium	ND		10.9	3.10	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Vanadium	**34.1**		4.35	0.952	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2
Zinc	**33.0**		4.35	1.77	mg/Kg	☼	12/02/24 09:46	12/03/24 14:48	2

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.8	7.25	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Arsenic	**3.43**	**J**	3.84	2.49	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Barium	**79.8**		2.56	0.378	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Beryllium	**0.769**		0.512	0.120	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Cadmium	ND		0.512	0.196	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Chromium	**29.4**	**B**	1.28	0.680	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Cobalt	**10.9**		2.56	0.546	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Copper	**15.7**		2.56	0.729	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Lead	**8.22**		2.56	1.69	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Molybdenum	ND		5.12	1.26	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Nickel	**21.5**		2.56	1.46	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Selenium	ND		3.84	2.01	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Silver	ND		2.56	0.544	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Thallium	ND		12.8	3.66	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Vanadium	**69.9**		5.12	1.12	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2
Zinc	**60.6**		5.12	2.09	mg/Kg	☼	12/02/24 09:46	12/03/24 14:50	2

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		15.3	8.68	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Arsenic	**6.69**		4.60	2.98	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Barium	**110**		3.07	0.453	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Beryllium	**0.767**		0.614	0.144	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Cadmium	ND		0.614	0.235	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Chromium	**31.5**	**B**	1.53	0.815	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Cobalt	**11.3**		3.07	0.654	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Copper	**16.1**		3.07	0.873	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.52**		3.07	2.03	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Molybdenum	ND		6.14	1.50	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Nickel	**19.8**		3.07	1.74	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Selenium	ND		4.60	2.40	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Silver	ND		3.07	0.652	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Thallium	ND		15.3	4.38	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Vanadium	**54.1**		6.14	1.34	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2
Zinc	**56.2**		6.14	2.50	mg/Kg	☼	12/02/24 09:46	12/03/24 14:52	2

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.0	7.37	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Arsenic	**6.88**		3.91	2.53	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Barium	**71.0**		2.61	0.384	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Beryllium	**0.782**		0.521	0.123	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Cadmium	ND		0.521	0.199	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Chromium	**28.3**	**B**	1.30	0.692	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Cobalt	**9.28**		2.61	0.555	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Copper	**18.6**		2.61	0.742	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Lead	**8.39**		2.61	1.72	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Molybdenum	ND		5.21	1.28	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Nickel	**19.5**		2.61	1.48	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Selenium	ND		3.91	2.04	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Silver	ND		2.61	0.554	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Thallium	ND		13.0	3.72	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Vanadium	**54.3**		5.21	1.14	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2
Zinc	**61.4**		5.21	2.13	mg/Kg	☼	12/02/24 09:46	12/03/24 15:03	2

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	2.59	ug/L		11/27/24 08:09	11/28/24 03:53	1
Arsenic	ND	^6+	100	19.9	ug/L		11/27/24 08:09	11/28/24 03:53	1
Barium	**1.60**	**J**	10.0	1.11	ug/L		11/27/24 08:09	11/28/24 03:53	1
Beryllium	ND		10.0	1.27	ug/L		11/27/24 08:09	11/28/24 03:53	1
Cadmium	ND		10.0	0.620	ug/L		11/27/24 08:09	11/28/24 03:53	1
Cobalt	ND		50.0	0.880	ug/L		11/27/24 08:09	11/28/24 03:53	1
Chromium	ND		50.0	2.96	ug/L		11/27/24 08:09	11/28/24 03:53	1
Copper	ND		50.0	2.69	ug/L		11/27/24 08:09	11/28/24 03:53	1
Molybdenum	ND		50.0	3.91	ug/L		11/27/24 08:09	11/28/24 03:53	1
Nickel	ND		50.0	3.07	ug/L		11/27/24 08:09	11/28/24 03:53	1
Antimony	ND		100	25.5	ug/L		11/27/24 08:09	11/28/24 03:53	1
Selenium	ND		50.0	16.2	ug/L		11/27/24 08:09	11/28/24 03:53	1
Thallium	ND		50.0	9.96	ug/L		11/27/24 08:09	11/28/24 03:53	1
Vanadium	ND		10.0	2.39	ug/L		11/27/24 08:09	11/28/24 03:53	1
Zinc	ND		250	13.3	ug/L		11/27/24 08:09	11/28/24 03:53	1
Lead	ND		50.0	5.27	ug/L		11/27/24 08:09	11/28/24 03:53	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: SW846 7470A - Mercury (CVAA)

Client Sample ID: EB-1-1125
Date Collected: 11/25/24 15:30
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		11/27/24 13:06	12/04/24 17:09	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB-5-0.5
Date Collected: 11/25/24 09:26
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0993**		0.0980	0.0270	mg/Kg	☼	11/27/24 07:44	11/27/24 15:41	1

Client Sample ID: SB-5-2.0
Date Collected: 11/25/24 09:38
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0986	0.0272	mg/Kg	☼	11/27/24 07:44	11/27/24 15:49	1

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.159**		0.0957	0.0264	mg/Kg	☼	11/27/24 07:44	11/27/24 15:51	1

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0924	0.0255	mg/Kg	☼	11/27/24 07:44	11/27/24 15:53	1

Client Sample ID: SB-1-1.5
Date Collected: 11/25/24 10:14
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0932	0.0257	mg/Kg	☼	11/27/24 07:44	11/27/24 15:55	1

Client Sample ID: SB-1-2.5
Date Collected: 11/25/24 10:21
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0362**	**J**	0.0992	0.0274	mg/Kg	☼	11/27/24 07:44	11/27/24 18:03	1

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.347**		0.100	0.0276	mg/Kg	☼	11/27/24 07:44	11/27/24 18:05	1

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.108	0.0298	mg/Kg	☼	11/27/24 07:44	11/27/24 18:07	1

Client Sample ID: SB-3-0.5
Date Collected: 11/25/24 10:51
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0722**	**J**	0.0877	0.0242	mg/Kg	☼	11/27/24 07:44	11/27/24 18:09	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB-3-2.0
Date Collected: 11/25/24 10:59
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0906	0.0250	mg/Kg	☼	11/27/24 07:44	11/27/24 18:11	1

Client Sample ID: SB-4-0.5
Date Collected: 11/25/24 11:11
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.145**		0.0890	0.0246	mg/Kg	☼	11/27/24 07:44	11/27/24 18:13	1

Client Sample ID: SB-4-2.0
Date Collected: 11/25/24 11:20
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.102	0.0281	mg/Kg	☼	11/27/24 07:44	11/27/24 18:16	1

Client Sample ID: SB-7-0.5
Date Collected: 11/25/24 11:27
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.194**		0.0935	0.0258	mg/Kg	☼	11/27/24 07:44	11/27/24 18:18	1

Client Sample ID: SB-7-2.0
Date Collected: 11/25/24 11:34
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0901	0.0249	mg/Kg	☼	11/27/24 07:44	11/27/24 18:20	1

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0511**	**J**	0.0948	0.0262	mg/Kg	☼	11/27/24 07:44	11/27/24 18:29	1

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0922	0.0255	mg/Kg	☼	11/27/24 07:44	11/27/24 18:31	1

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.104	0.0286	mg/Kg	☼	11/27/24 07:44	11/27/24 18:33	1

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.109	0.0301	mg/Kg	☼	11/27/24 07:44	11/27/24 18:35	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0982	0.0271	mg/Kg	☼	11/27/24 07:44	11/27/24 18:37	1

General Chemistry

Client Sample ID: SB-5-0.5
Date Collected: 11/25/24 09:26
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.54		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-5-2.0
Date Collected: 11/25/24 09:38
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.1		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-2-0.5
Date Collected: 11/25/24 09:55
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.1		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-2-2.0
Date Collected: 11/25/24 10:01
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.3		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-1-1.5
Date Collected: 11/25/24 10:14
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.3		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-1-2.5
Date Collected: 11/25/24 10:21
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.2		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-6-1.5
Date Collected: 11/25/24 10:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.8		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-6-2.0
Date Collected: 11/25/24 10:40
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.8		0.100	0.100	%			12/01/24 09:44	1

General Chemistry

Client Sample ID: SB-3-0.5
Date Collected: 11/25/24 10:51
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.3		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-3-2.0
Date Collected: 11/25/24 10:59
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.2		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-4-0.5
Date Collected: 11/25/24 11:11
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.98		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-4-2.0
Date Collected: 11/25/24 11:20
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.0		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-7-0.5
Date Collected: 11/25/24 11:27
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.0		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-7-2.0
Date Collected: 11/25/24 11:34
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.7		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-8-0.5
Date Collected: 11/25/24 11:41
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.1		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-8-2.0
Date Collected: 11/25/24 11:50
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.8		0.100	0.100	%			12/01/24 09:44	1

General Chemistry

Client Sample ID: SB-2-5.0
Date Collected: 11/25/24 13:28
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.4		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-6-5.0
Date Collected: 11/25/24 13:47
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	26.4		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-8-5.0
Date Collected: 11/25/24 14:05
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.4		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-16-0.5
Date Collected: 11/25/24 14:30
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.88		0.100	0.100	%			12/01/24 09:44	1

Client Sample ID: SB-16-2.0
Date Collected: 11/25/24 14:36
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.7		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-15-0.5
Date Collected: 11/25/24 14:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.1		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-15-2.0
Date Collected: 11/25/24 14:49
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	23.2		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-14-0.5
Date Collected: 11/25/24 15:09
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208722-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	20.6		0.100	0.100	%			12/01/24 13:24	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

General Chemistry

Client Sample ID: SB-14-2.0
Date Collected: 11/25/24 15:14
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208722-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.8		0.100	0.100	%			12/01/24 13:24	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-208722-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-208722-3	SB-2-0.5	113	91	109	103
570-208722-4	SB-2-2.0	96	94	92	98
570-208722-7	SB-6-1.5	78	100	88	107
570-208722-8	SB-6-2.0	74	96	87	106
570-208722-15	SB-8-0.5	95	109	100	85
570-208722-16	SB-8-2.0	75	99	90	102
570-208722-17	SB-2-5.0	102	97	93	98
570-208722-18	SB-6-5.0	88	99	97	103
570-208722-19	SB-8-5.0	90	99	99	103
LCS 570-507936/3	Lab Control Sample	96	101	97	100
LCS 570-508126/4	Lab Control Sample	94	97	95	100
LCSD 570-507936/4	Lab Control Sample Dup	96	100	98	99
LCSD 570-508126/5	Lab Control Sample Dup	94	96	94	100
MB 570-507936/5	Method Blank	90	98	95	105
MB 570-507936/6	Method Blank	89	101	93	100
MB 570-508126/6	Method Blank	95	96	93	98
MB 570-508126/7	Method Blank	93	96	91	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-208722-26	EB-1-1125	116	99	102	98
570-208722-27	TB-1-1125	118	102	106	101
LCS 570-510087/1003	Lab Control Sample	107	102	101	102
LCSD 570-510087/7	Lab Control Sample Dup	110	106	98	100
MB 570-510087/5	Method Blank	109	99	104	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-208722-3	SB-2-0.5	88	72	93	81	86	77
570-208722-4	SB-2-2.0	93	81	101	90	92	101
570-208722-7	SB-6-1.5	93	85	102	86	102	99

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-208722-8	SB-6-2.0	86	78	101	79	91	103
570-208722-15	SB-8-0.5	86	81	83	83	92	88
570-208722-16	SB-8-2.0	90	74	96	82	84	95
570-208722-17	SB-2-5.0	90	76	93	85	91	92
570-208722-18	SB-6-5.0	94	82	97	89	88	97
570-208722-19	SB-8-5.0	91	83	98	94	84	96
570-208722-19 MS	SB-8-5.0	85	80	91	83	83	89
570-208722-19 MSD	SB-8-5.0	88	80	93	79	85	94
LCS 570-508281/2-A	Lab Control Sample	97	89	104	87	98	103
LCSD 570-508281/3-A	Lab Control Sample Dup	86	75	87	78	82	87
MB 570-508281/1-A	Method Blank	100	85	97	96	90	93

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-208722-3	SB-2-0.5	100	98	85
570-208722-4	SB-2-2.0	84	89	73
570-208722-7	SB-6-1.5	91	100	73
570-208722-8	SB-6-2.0	73	82	69
570-208722-15	SB-8-0.5	85	89	79
570-208722-16	SB-8-2.0	82	89	71
570-208722-17	SB-2-5.0	86	92	75
570-208722-18	SB-6-5.0	81	88	74
570-208722-19	SB-8-5.0	82	88	76
LCS 570-508245/2-A	Lab Control Sample	92	86	79
LCSD 570-508245/3-A	Lab Control Sample Dup	95	89	84
MB 570-508245/1-A	Method Blank	93	94	81

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-208722-3	SB-2-0.5	85
570-208722-4	SB-2-2.0	98

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-208722-7	SB-6-1.5	95
570-208722-8	SB-6-2.0	186 S1+
570-208722-15	SB-8-0.5	74
570-208722-16	SB-8-2.0	78
570-208722-17	SB-2-5.0	79
570-208722-18	SB-6-5.0	87
570-208722-19	SB-8-5.0	89
LCS 570-509491/3	Lab Control Sample	96
LCS 570-509734/31	Lab Control Sample	97
LCS 570-509976/58	Lab Control Sample	97
LCSD 570-509491/4	Lab Control Sample Dup	95
LCSD 570-509734/32	Lab Control Sample Dup	96
LCSD 570-509976/59	Lab Control Sample Dup	96
MB 570-509491/5	Method Blank	73
MB 570-509491/6	Method Blank	72
MB 570-509734/33	Method Blank	78
MB 570-509976/60	Method Blank	74
MB 570-509976/61	Method Blank	75

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (20-144)
570-208722-26	EB-1-1125	52
LCS 570-510210/33	Lab Control Sample	94
LCSD 570-510210/34	Lab Control Sample Dup	99
MB 570-510210/35	Method Blank	90

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-208722-3	SB-2-0.5	145 S1+
570-208722-4	SB-2-2.0	114
570-208722-7	SB-6-1.5	117
570-208722-8	SB-6-2.0	112
570-208722-15	SB-8-0.5	122
570-208722-16	SB-8-2.0	112
570-208722-17	SB-2-5.0	112
570-208722-18	SB-6-5.0	112
570-208722-19	SB-8-5.0	113
LCS 570-508716/2-A	Lab Control Sample	113

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
LCSD 570-508716/3-A	Lab Control Sample Dup	113
MB 570-508716/1-A	Method Blank	115

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)
570-208722-26	EB-1-1125	98
LCS 570-508814/2-A	Lab Control Sample	91
LCSD 570-508814/3-A	Lab Control Sample Dup	95
MB 570-508814/1-A	Method Blank	97

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-120)	DCB1 (20-120)
570-208722-20	SB-16-0.5	54	61
570-208722-20 MS	SB-16-0.5	57	63
570-208722-20 MSD	SB-16-0.5	65	74
570-208722-21	SB-16-2.0	90	95
570-208722-22	SB-15-0.5	72	75
570-208722-23	SB-15-2.0	77	74
570-208722-24	SB-14-0.5	70	69
570-208722-25	SB-14-2.0	98	88
LCS 570-508293/2-A	Lab Control Sample	86	80
LCSD 570-508293/3-A	Lab Control Sample Dup	90	87
MB 570-508293/1-A	Method Blank	86	76

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (20-144)	DCB1 (20-122)
570-208722-26	EB-1-1125	98	111
LCS 570-508987/4-A	Lab Control Sample	101	118
LCSD 570-508987/5-A	Lab Control Sample Dup	102	115
MB 570-508987/1-A	Method Blank	103	120 p

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-507936/5
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/26/24 21:41	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/26/24 21:41	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/26/24 21:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/26/24 21:41	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/26/24 21:41	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/26/24 21:41	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/26/24 21:41	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/26/24 21:41	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			11/26/24 21:41	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/26/24 21:41	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/26/24 21:41	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			11/26/24 21:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			11/26/24 21:41	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/26/24 21:41	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/26/24 21:41	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/26/24 21:41	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/26/24 21:41	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			11/26/24 21:41	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/26/24 21:41	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/26/24 21:41	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/26/24 21:41	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/26/24 21:41	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			11/26/24 21:41	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/26/24 21:41	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/26/24 21:41	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/26/24 21:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			11/26/24 21:41	1
Acetone	ND		0.020	0.0098	mg/Kg			11/26/24 21:41	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/26/24 21:41	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/26/24 21:41	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/26/24 21:41	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			11/26/24 21:41	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/26/24 21:41	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/26/24 21:41	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/26/24 21:41	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/26/24 21:41	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/26/24 21:41	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/26/24 21:41	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/26/24 21:41	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			11/26/24 21:41	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/26/24 21:41	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/26/24 21:41	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/26/24 21:41	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/26/24 21:41	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/26/24 21:41	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/26/24 21:41	1
Ethanol	ND		0.25	0.092	mg/Kg			11/26/24 21:41	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/26/24 21:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-507936/5
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/26/24 21:41	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			11/26/24 21:41	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/26/24 21:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/26/24 21:41	1
Naphthalene	ND		0.010	0.0039	mg/Kg			11/26/24 21:41	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/26/24 21:41	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			11/26/24 21:41	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			11/26/24 21:41	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/26/24 21:41	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			11/26/24 21:41	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			11/26/24 21:41	1
Styrene	ND		0.0010	0.00032	mg/Kg			11/26/24 21:41	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/26/24 21:41	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/26/24 21:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/26/24 21:41	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/26/24 21:41	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/26/24 21:41	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/26/24 21:41	1
Toluene	ND		0.0010	0.00027	mg/Kg			11/26/24 21:41	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/26/24 21:41	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/26/24 21:41	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/26/24 21:41	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/26/24 21:41	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			11/26/24 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*32 - 179*		*11/26/24 21:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/26/24 21:41*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*11/26/24 21:41*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/26/24 21:41*	*1*

Lab Sample ID: MB 570-507936/6
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			11/26/24 22:02	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			11/26/24 22:02	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			11/26/24 22:02	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			11/26/24 22:02	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			11/26/24 22:02	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			11/26/24 22:02	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			11/26/24 22:02	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			11/26/24 22:02	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			11/26/24 22:02	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-507936/6
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			11/26/24 22:02	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			11/26/24 22:02	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			11/26/24 22:02	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			11/26/24 22:02	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			11/26/24 22:02	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
2-Hexanone	ND		1.0	0.15	mg/Kg			11/26/24 22:02	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			11/26/24 22:02	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			11/26/24 22:02	50
Acetone	ND		1.0	0.49	mg/Kg			11/26/24 22:02	50
Benzene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
Bromobenzene	ND		0.050	0.010	mg/Kg			11/26/24 22:02	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			11/26/24 22:02	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			11/26/24 22:02	50
Bromoform	ND		0.25	0.066	mg/Kg			11/26/24 22:02	50
Bromomethane	ND		1.0	0.33	mg/Kg			11/26/24 22:02	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			11/26/24 22:02	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			11/26/24 22:02	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			11/26/24 22:02	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
Chloroethane	ND		0.10	0.037	mg/Kg			11/26/24 22:02	50
Chloroform	ND		0.050	0.029	mg/Kg			11/26/24 22:02	50
Chloromethane	ND		1.0	0.077	mg/Kg			11/26/24 22:02	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			11/26/24 22:02	50
Dibromomethane	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			11/26/24 22:02	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			11/26/24 22:02	50
Ethanol	ND		13	4.6	mg/Kg			11/26/24 22:02	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			11/26/24 22:02	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			11/26/24 22:02	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			11/26/24 22:02	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			11/26/24 22:02	50
Naphthalene	ND		0.50	0.20	mg/Kg			11/26/24 22:02	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			11/26/24 22:02	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			11/26/24 22:02	50
o-Xylene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			11/26/24 22:02	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			11/26/24 22:02	50
Styrene	ND		0.050	0.016	mg/Kg			11/26/24 22:02	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			11/26/24 22:02	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-507936/6
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			11/26/24 22:02	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			11/26/24 22:02	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			11/26/24 22:02	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			11/26/24 22:02	50
Toluene	ND		0.050	0.013	mg/Kg			11/26/24 22:02	50
Trichloroethene	ND		0.10	0.019	mg/Kg			11/26/24 22:02	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			11/26/24 22:02	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			11/26/24 22:02	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			11/26/24 22:02	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			11/26/24 22:02	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*32 - 179*		*11/26/24 22:02*	*50*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/26/24 22:02*	*50*
Dibromofluoromethane (Surr)	*93*		*58 - 147*		*11/26/24 22:02*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/26/24 22:02*	*50*

Lab Sample ID: LCS 570-507936/3
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05248		mg/Kg		105	80 - 125
1,1,1-Trichloroethane	0.0500	0.05163		mg/Kg		103	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05484		mg/Kg		110	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05039		mg/Kg		101	73 - 130
1,1,2-Trichloroethane	0.0500	0.05448		mg/Kg		109	80 - 123
1,1-Dichloroethane	0.0500	0.04766		mg/Kg		95	79 - 124
1,1-Dichloroethene	0.0500	0.04737		mg/Kg		95	74 - 132
1,1-Dichloropropene	0.0500	0.05244		mg/Kg		105	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05390		mg/Kg		108	80 - 123
1,2,3-Trichloropropane	0.0500	0.05224		mg/Kg		104	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05413		mg/Kg		108	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05619		mg/Kg		112	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04971		mg/Kg		99	67 - 120
1,2-Dibromoethane	0.0500	0.05507		mg/Kg		110	80 - 120
1,2-Dichlorobenzene	0.0500	0.05264		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0500	0.04562		mg/Kg		91	77 - 120
1,2-Dichloropropane	0.0500	0.04939		mg/Kg		99	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05551		mg/Kg		111	80 - 121
1,3-Dichlorobenzene	0.0500	0.05241		mg/Kg		105	80 - 120
1,3-Dichloropropane	0.0500	0.05457		mg/Kg		109	80 - 120
1,4-Dichlorobenzene	0.0500	0.05202		mg/Kg		104	80 - 120
2,2-Dichloropropane	0.0500	0.04832		mg/Kg		97	73 - 135
2-Butanone (MEK)	0.0500	0.04143		mg/Kg		83	67 - 136
2-Chlorotoluene	0.0500	0.05499		mg/Kg		110	80 - 120
2-Hexanone	0.0500	0.04416		mg/Kg		88	70 - 137

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-507936/3
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorotoluene	0.0500	0.05494		mg/Kg		110	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04455		mg/Kg		89	74 - 124
Acetone	0.0500	0.05833		mg/Kg		117	61 - 142
Benzene	0.0500	0.05078		mg/Kg		102	80 - 120
Bromobenzene	0.0500	0.05425		mg/Kg		108	80 - 120
Bromochloromethane	0.0500	0.05140		mg/Kg		103	80 - 120
Bromodichloromethane	0.0500	0.04787		mg/Kg		96	80 - 125
Bromoform	0.0500	0.05083		mg/Kg		102	74 - 138
Bromomethane	0.0500	0.05086		mg/Kg		102	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05097		mg/Kg		102	80 - 124
cis-1,3-Dichloropropene	0.0500	0.04954		mg/Kg		99	80 - 123
Carbon disulfide	0.0500	0.04832		mg/Kg		97	68 - 128
Carbon tetrachloride	0.0500	0.04999		mg/Kg		100	75 - 140
Chlorobenzene	0.0500	0.05405		mg/Kg		108	80 - 120
Chloroethane	0.0500	0.04988		mg/Kg		100	76 - 137
Chloroform	0.0500	0.04977		mg/Kg		100	80 - 121
Chloromethane	0.0500	0.04445		mg/Kg		89	74 - 133
Dibromochloromethane	0.0500	0.05392		mg/Kg		108	80 - 132
Dibromomethane	0.0500	0.05028		mg/Kg		101	80 - 120
Dichlorodifluoromethane	0.0500	0.04502		mg/Kg		90	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04414		mg/Kg		88	73 - 132
Ethanol	0.500	0.4203		mg/Kg		84	46 - 159
Ethylbenzene	0.0500	0.05619		mg/Kg		112	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04505		mg/Kg		90	77 - 129
Isopropylbenzene	0.0500	0.05579		mg/Kg		112	80 - 122
Methylene Chloride	0.0500	0.04911		mg/Kg		98	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04812		mg/Kg		96	79 - 123
Naphthalene	0.0500	0.05682		mg/Kg		114	79 - 121
n-Butylbenzene	0.0500	0.05847		mg/Kg		117	79 - 131
N-Propylbenzene	0.0500	0.05722		mg/Kg		114	80 - 122
o-Xylene	0.0500	0.05697		mg/Kg		114	80 - 120
m,p-Xylene	0.100	0.1140		mg/Kg		114	80 - 120
p-Isopropyltoluene	0.0500	0.05537		mg/Kg		111	80 - 126
sec-Butylbenzene	0.0500	0.05668		mg/Kg		113	80 - 125
Styrene	0.0500	0.05637		mg/Kg		113	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05081		mg/Kg		102	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05078		mg/Kg		102	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04592		mg/Kg		92	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2249		mg/Kg		90	74 - 123
tert-Butylbenzene	0.0500	0.05412		mg/Kg		108	80 - 124
Tetrachloroethene	0.0500	0.05394		mg/Kg		108	80 - 122
Toluene	0.0500	0.05121		mg/Kg		102	80 - 120
Trichloroethene	0.0500	0.04906		mg/Kg		98	80 - 127
Trichlorofluoromethane	0.0500	0.03928		mg/Kg		79	70 - 144
Vinyl acetate	0.0500	0.04393		mg/Kg		88	71 - 125
Vinyl chloride	0.0500	0.05291		mg/Kg		106	79 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-507936/3
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		32 - 179
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	97		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-507936/4
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.04903		mg/Kg		98	80 - 125	7	20
1,1,1-Trichloroethane			0.0500	0.05006		mg/Kg		100	78 - 130	3	20
1,1,2,2-Tetrachloroethane			0.0500	0.05664		mg/Kg		113	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04778		mg/Kg		96	73 - 130	5	20
1,1,2-Trichloroethane			0.0500	0.05115		mg/Kg		102	80 - 123	6	20
1,1-Dichloroethane			0.0500	0.04847		mg/Kg		97	79 - 124	2	20
1,1-Dichloroethene			0.0500	0.04667		mg/Kg		93	74 - 132	2	20
1,1-Dichloropropene			0.0500	0.05114		mg/Kg		102	78 - 130	2	20
1,2,3-Trichlorobenzene			0.0500	0.05471		mg/Kg		109	80 - 123	2	20
1,2,3-Trichloropropane			0.0500	0.04888		mg/Kg		98	79 - 120	7	20
1,2,4-Trichlorobenzene			0.0500	0.05614		mg/Kg		112	80 - 125	4	20
1,2,4-Trimethylbenzene			0.0500	0.05664		mg/Kg		113	80 - 124	1	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05435		mg/Kg		109	67 - 120	9	20
1,2-Dibromoethane			0.0500	0.05287		mg/Kg		106	80 - 120	4	20
1,2-Dichlorobenzene			0.0500	0.05479		mg/Kg		110	80 - 120	4	20
1,2-Dichloroethane			0.0500	0.04584		mg/Kg		92	77 - 120	0	20
1,2-Dichloropropane			0.0500	0.04807		mg/Kg		96	80 - 126	3	20
1,3,5-Trimethylbenzene			0.0500	0.05303		mg/Kg		106	80 - 121	5	20
1,3-Dichlorobenzene			0.0500	0.05361		mg/Kg		107	80 - 120	2	20
1,3-Dichloropropane			0.0500	0.05177		mg/Kg		104	80 - 120	5	20
1,4-Dichlorobenzene			0.0500	0.05221		mg/Kg		104	80 - 120	0	20
2,2-Dichloropropane			0.0500	0.04789		mg/Kg		96	73 - 135	1	20
2-Butanone (MEK)			0.0500	0.04066		mg/Kg		81	67 - 136	2	20
2-Chlorotoluene			0.0500	0.05261		mg/Kg		105	80 - 120	4	20
2-Hexanone			0.0500	0.04283		mg/Kg		86	70 - 137	3	20
4-Chlorotoluene			0.0500	0.05553		mg/Kg		111	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04383		mg/Kg		88	74 - 124	2	20
Acetone			0.0500	0.04270	*1	mg/Kg		85	61 - 142	31	23
Benzene			0.0500	0.05042		mg/Kg		101	80 - 120	1	20
Bromobenzene			0.0500	0.05104		mg/Kg		102	80 - 120	6	20
Bromochloromethane			0.0500	0.04822		mg/Kg		96	80 - 120	6	20
Bromodichloromethane			0.0500	0.04751		mg/Kg		95	80 - 125	1	20
Bromoform			0.0500	0.04882		mg/Kg		98	74 - 138	4	20
Bromomethane			0.0500	0.04398		mg/Kg		88	58 - 136	15	20
cis-1,2-Dichloroethene			0.0500	0.05067		mg/Kg		101	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.04960		mg/Kg		99	80 - 123	0	20
Carbon disulfide			0.0500	0.04816		mg/Kg		96	68 - 128	0	20
Carbon tetrachloride			0.0500	0.05008		mg/Kg		100	75 - 140	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-507936/4
Matrix: Solid
Analysis Batch: 507936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene			0.0500	0.05127		mg/Kg		103	80 - 120	5	20
Chloroethane			0.0500	0.04817		mg/Kg		96	76 - 137	3	20
Chloroform			0.0500	0.04878		mg/Kg		98	80 - 121	2	20
Chloromethane			0.0500	0.04174		mg/Kg		83	74 - 133	6	20
Dibromochloromethane			0.0500	0.05042		mg/Kg		101	80 - 132	7	20
Dibromomethane			0.0500	0.04905		mg/Kg		98	80 - 120	2	20
Dichlorodifluoromethane			0.0500	0.04442		mg/Kg		89	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.04339		mg/Kg		87	73 - 132	2	20
Ethanol			0.500	0.3835		mg/Kg		77	46 - 159	9	30
Ethylbenzene			0.0500	0.05263		mg/Kg		105	80 - 120	7	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04483		mg/Kg		90	77 - 129	0	20
Isopropylbenzene			0.0500	0.05337		mg/Kg		107	80 - 122	4	20
Methylene Chloride			0.0500	0.04815		mg/Kg		96	74 - 120	2	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04827		mg/Kg		97	79 - 123	0	20
Naphthalene			0.0500	0.05596		mg/Kg		112	79 - 121	2	20
n-Butylbenzene			0.0500	0.05806		mg/Kg		116	79 - 131	1	20
N-Propylbenzene			0.0500	0.05383		mg/Kg		108	80 - 122	6	20
o-Xylene			0.0500	0.05326		mg/Kg		107	80 - 120	7	20
m,p-Xylene			0.100	0.1059		mg/Kg		106	80 - 120	7	20
p-Isopropyltoluene			0.0500	0.05557		mg/Kg		111	80 - 126	0	20
sec-Butylbenzene			0.0500	0.05616		mg/Kg		112	80 - 125	1	20
Styrene			0.0500	0.05287		mg/Kg		106	80 - 120	6	20
trans-1,2-Dichloroethene			0.0500	0.05100		mg/Kg		102	75 - 123	0	20
trans-1,3-Dichloropropene			0.0500	0.04808		mg/Kg		96	80 - 124	5	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04544		mg/Kg		91	80 - 120	1	20
tert-Butyl alcohol (TBA)			0.250	0.2465		mg/Kg		99	74 - 123	9	20
tert-Butylbenzene			0.0500	0.05417		mg/Kg		108	80 - 124	0	20
Tetrachloroethene			0.0500	0.05143		mg/Kg		103	80 - 122	5	20
Toluene			0.0500	0.05001		mg/Kg		100	80 - 120	2	20
Trichloroethene			0.0500	0.05071		mg/Kg		101	80 - 127	3	20
Trichlorofluoromethane			0.0500	0.03509		mg/Kg		70	70 - 144	11	20
Vinyl acetate			0.0500	0.04584		mg/Kg		92	71 - 125	4	20
Vinyl chloride			0.0500	0.04916		mg/Kg		98	79 - 133	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*58 - 147*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-508126/6
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/27/24 10:11	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/27/24 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/27/24 10:11	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/6
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/27/24 10:11	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/27/24 10:11	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/27/24 10:11	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			11/27/24 10:11	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/27/24 10:11	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/27/24 10:11	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			11/27/24 10:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			11/27/24 10:11	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			11/27/24 10:11	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/27/24 10:11	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/27/24 10:11	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			11/27/24 10:11	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/27/24 10:11	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/27/24 10:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			11/27/24 10:11	1
Acetone	ND		0.020	0.0098	mg/Kg			11/27/24 10:11	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/27/24 10:11	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/27/24 10:11	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			11/27/24 10:11	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/27/24 10:11	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/27/24 10:11	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/27/24 10:11	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/27/24 10:11	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/27/24 10:11	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			11/27/24 10:11	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/27/24 10:11	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/27/24 10:11	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/27/24 10:11	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/27/24 10:11	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/27/24 10:11	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/27/24 10:11	1
Ethanol	ND		0.25	0.092	mg/Kg			11/27/24 10:11	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/27/24 10:11	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/27/24 10:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/27/24 10:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/6
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.010	0.0039	mg/Kg			11/27/24 10:11	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			11/27/24 10:11	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			11/27/24 10:11	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/27/24 10:11	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Styrene	ND		0.0010	0.00032	mg/Kg			11/27/24 10:11	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/27/24 10:11	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/27/24 10:11	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/27/24 10:11	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/27/24 10:11	1
Toluene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/27/24 10:11	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/27/24 10:11	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/27/24 10:11	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/27/24 10:11	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			11/27/24 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*		*11/27/24 10:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/27/24 10:11*	*1*
Dibromofluoromethane (Surr)	*93*		*58 - 147*		*11/27/24 10:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/27/24 10:11*	*1*

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			11/27/24 10:31	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			11/27/24 10:31	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			11/27/24 10:31	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			11/27/24 10:31	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			11/27/24 10:31	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			11/27/24 10:31	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			11/27/24 10:31	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			11/27/24 10:31	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			11/27/24 10:31	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
2-Hexanone	ND		1.0	0.15	mg/Kg			11/27/24 10:31	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			11/27/24 10:31	50
Acetone	ND		1.0	0.49	mg/Kg			11/27/24 10:31	50
Benzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Bromobenzene	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			11/27/24 10:31	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			11/27/24 10:31	50
Bromoform	ND		0.25	0.066	mg/Kg			11/27/24 10:31	50
Bromomethane	ND		1.0	0.33	mg/Kg			11/27/24 10:31	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			11/27/24 10:31	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			11/27/24 10:31	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			11/27/24 10:31	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Chloroethane	ND		0.10	0.037	mg/Kg			11/27/24 10:31	50
Chloroform	ND		0.050	0.029	mg/Kg			11/27/24 10:31	50
Chloromethane	ND		1.0	0.077	mg/Kg			11/27/24 10:31	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50
Dibromomethane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			11/27/24 10:31	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			11/27/24 10:31	50
Ethanol	ND		13	4.6	mg/Kg			11/27/24 10:31	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			11/27/24 10:31	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			11/27/24 10:31	50
Naphthalene	ND		0.50	0.20	mg/Kg			11/27/24 10:31	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			11/27/24 10:31	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			11/27/24 10:31	50
o-Xylene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			11/27/24 10:31	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
Styrene	ND		0.050	0.016	mg/Kg			11/27/24 10:31	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			11/27/24 10:31	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			11/27/24 10:31	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.050	0.011	mg/Kg			11/27/24 10:31	50
Toluene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Trichloroethene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			11/27/24 10:31	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			11/27/24 10:31	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			11/27/24 10:31	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			11/27/24 10:31	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*32 - 179*		*11/27/24 10:31*	*50*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/27/24 10:31*	*50*
Dibromofluoromethane (Surr)	*91*		*58 - 147*		*11/27/24 10:31*	*50*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/27/24 10:31*	*50*

Lab Sample ID: LCS 570-508126/4
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05632		mg/Kg		113	80 - 125
1,1,1-Trichloroethane	0.0500	0.04755		mg/Kg		95	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04385		mg/Kg		88	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04662		mg/Kg		93	73 - 130
1,1,2-Trichloroethane	0.0500	0.05055		mg/Kg		101	80 - 123
1,1-Dichloroethane	0.0500	0.04585		mg/Kg		92	79 - 124
1,1-Dichloroethene	0.0500	0.04661		mg/Kg		93	74 - 132
1,1-Dichloropropene	0.0500	0.04617		mg/Kg		92	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05593		mg/Kg		112	80 - 123
1,2,3-Trichloropropane	0.0500	0.04791		mg/Kg		96	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05608		mg/Kg		112	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04887		mg/Kg		98	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05250		mg/Kg		105	67 - 120
1,2-Dibromoethane	0.0500	0.04992		mg/Kg		100	80 - 120
1,2-Dichlorobenzene	0.0500	0.04951		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0500	0.04814		mg/Kg		96	77 - 120
1,2-Dichloropropane	0.0500	0.05040		mg/Kg		101	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04857		mg/Kg		97	80 - 121
1,3-Dichlorobenzene	0.0500	0.04949		mg/Kg		99	80 - 120
1,3-Dichloropropane	0.0500	0.04951		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0500	0.04870		mg/Kg		97	80 - 120
2,2-Dichloropropane	0.0500	0.04745		mg/Kg		95	73 - 135
2-Butanone (MEK)	0.0500	0.04851		mg/Kg		97	67 - 136
2-Chlorotoluene	0.0500	0.04745		mg/Kg		95	80 - 120
2-Hexanone	0.0500	0.04606		mg/Kg		92	70 - 137
4-Chlorotoluene	0.0500	0.04798		mg/Kg		96	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04708		mg/Kg		94	74 - 124
Acetone	0.0500	0.04547		mg/Kg		91	61 - 142
Benzene	0.0500	0.04761		mg/Kg		95	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508126/4
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	0.0500	0.05226		mg/Kg		105	80 - 120
Bromochloromethane	0.0500	0.04886		mg/Kg		98	80 - 120
Bromodichloromethane	0.0500	0.05235		mg/Kg		105	80 - 125
Bromoform	0.0500	0.05670		mg/Kg		113	74 - 138
Bromomethane	0.0500	0.04028		mg/Kg		81	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04594		mg/Kg		92	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05359		mg/Kg		107	80 - 123
Carbon disulfide	0.0500	0.04563		mg/Kg		91	68 - 128
Carbon tetrachloride	0.0500	0.05355		mg/Kg		107	75 - 140
Chlorobenzene	0.0500	0.04954		mg/Kg		99	80 - 120
Chloroethane	0.0500	0.04252		mg/Kg		85	76 - 137
Chloroform	0.0500	0.04437		mg/Kg		89	80 - 121
Chloromethane	0.0500	0.04117		mg/Kg		82	74 - 133
Dibromochloromethane	0.0500	0.05267		mg/Kg		105	80 - 132
Dibromomethane	0.0500	0.04924		mg/Kg		98	80 - 120
Dichlorodifluoromethane	0.0500	0.04235		mg/Kg		85	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04799		mg/Kg		96	73 - 132
Ethanol	0.500	0.6021		mg/Kg		120	46 - 159
Ethylbenzene	0.0500	0.04833		mg/Kg		97	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04591		mg/Kg		92	77 - 129
Isopropylbenzene	0.0500	0.04802		mg/Kg		96	80 - 122
Methylene Chloride	0.0500	0.04412		mg/Kg		88	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04536		mg/Kg		91	79 - 123
Naphthalene	0.0500	0.05048		mg/Kg		101	79 - 121
n-Butylbenzene	0.0500	0.04918		mg/Kg		98	79 - 131
N-Propylbenzene	0.0500	0.04775		mg/Kg		95	80 - 122
o-Xylene	0.0500	0.04641		mg/Kg		93	80 - 120
m,p-Xylene	0.100	0.09277		mg/Kg		93	80 - 120
p-Isopropyltoluene	0.0500	0.04976		mg/Kg		100	80 - 126
sec-Butylbenzene	0.0500	0.04825		mg/Kg		96	80 - 125
Styrene	0.0500	0.04811		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04638		mg/Kg		93	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05137		mg/Kg		103	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04779		mg/Kg		96	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2491		mg/Kg		100	74 - 123
tert-Butylbenzene	0.0500	0.04801		mg/Kg		96	80 - 124
Tetrachloroethene	0.0500	0.05189		mg/Kg		104	80 - 122
Toluene	0.0500	0.04735		mg/Kg		95	80 - 120
Trichloroethene	0.0500	0.05169		mg/Kg		103	80 - 127
Trichlorofluoromethane	0.0500	0.04243		mg/Kg		85	70 - 144
Vinyl acetate	0.0500	0.04612		mg/Kg		92	71 - 125
Vinyl chloride	0.0500	0.04089		mg/Kg		82	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508126/5
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05599		mg/Kg		112	80 - 125	1	20
1,1,1-Trichloroethane			0.0500	0.04743		mg/Kg		95	78 - 130	0	20
1,1,2,2-Tetrachloroethane			0.0500	0.04606		mg/Kg		92	80 - 124	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04650		mg/Kg		93	73 - 130	0	20
1,1,2-Trichloroethane			0.0500	0.05073		mg/Kg		101	80 - 123	0	20
1,1-Dichloroethane			0.0500	0.04622		mg/Kg		92	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.04516		mg/Kg		90	74 - 132	3	20
1,1-Dichloropropene			0.0500	0.04551		mg/Kg		91	78 - 130	1	20
1,2,3-Trichlorobenzene			0.0500	0.05622		mg/Kg		112	80 - 123	1	20
1,2,3-Trichloropropane			0.0500	0.04836		mg/Kg		97	79 - 120	1	20
1,2,4-Trichlorobenzene			0.0500	0.05605		mg/Kg		112	80 - 125	0	20
1,2,4-Trimethylbenzene			0.0500	0.04938		mg/Kg		99	80 - 124	1	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05137		mg/Kg		103	67 - 120	2	20
1,2-Dibromoethane			0.0500	0.05015		mg/Kg		100	80 - 120	0	20
1,2-Dichlorobenzene			0.0500	0.04987		mg/Kg		100	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.04858		mg/Kg		97	77 - 120	1	20
1,2-Dichloropropane			0.0500	0.05048		mg/Kg		101	80 - 126	0	20
1,3,5-Trimethylbenzene			0.0500	0.04886		mg/Kg		98	80 - 121	1	20
1,3-Dichlorobenzene			0.0500	0.05049		mg/Kg		101	80 - 120	2	20
1,3-Dichloropropane			0.0500	0.04885		mg/Kg		98	80 - 120	1	20
1,4-Dichlorobenzene			0.0500	0.05006		mg/Kg		100	80 - 120	3	20
2,2-Dichloropropane			0.0500	0.04735		mg/Kg		95	73 - 135	0	20
2-Butanone (MEK)			0.0500	0.04843		mg/Kg		97	67 - 136	0	20
2-Chlorotoluene			0.0500	0.04757		mg/Kg		95	80 - 120	0	20
2-Hexanone			0.0500	0.04699		mg/Kg		94	70 - 137	2	20
4-Chlorotoluene			0.0500	0.04844		mg/Kg		97	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04957		mg/Kg		99	74 - 124	5	20
Acetone			0.0500	0.04429		mg/Kg		89	61 - 142	3	23
Benzene			0.0500	0.04729		mg/Kg		95	80 - 120	1	20
Bromobenzene			0.0500	0.05249		mg/Kg		105	80 - 120	0	20
Bromochloromethane			0.0500	0.04828		mg/Kg		97	80 - 120	1	20
Bromodichloromethane			0.0500	0.05244		mg/Kg		105	80 - 125	0	20
Bromoform			0.0500	0.05808		mg/Kg		116	74 - 138	2	20
Bromomethane			0.0500	0.04147		mg/Kg		83	58 - 136	3	20
cis-1,2-Dichloroethene			0.0500	0.04563		mg/Kg		91	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05345		mg/Kg		107	80 - 123	0	20
Carbon disulfide			0.0500	0.04509		mg/Kg		90	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05391		mg/Kg		108	75 - 140	1	20
Chlorobenzene			0.0500	0.04963		mg/Kg		99	80 - 120	0	20
Chloroethane			0.0500	0.04224		mg/Kg		84	76 - 137	1	20
Chloroform			0.0500	0.04355		mg/Kg		87	80 - 121	2	20
Chloromethane			0.0500	0.04170		mg/Kg		83	74 - 133	1	20
Dibromochloromethane			0.0500	0.05303		mg/Kg		106	80 - 132	1	20
Dibromomethane			0.0500	0.04969		mg/Kg		99	80 - 120	1	20
Dichlorodifluoromethane			0.0500	0.04166		mg/Kg		83	63 - 146	2	20
Di-isopropyl ether (DIPE)			0.0500	0.04766		mg/Kg		95	73 - 132	1	20
Ethanol			0.500	0.4756		mg/Kg		95	46 - 159	23	30
Ethylbenzene			0.0500	0.04794		mg/Kg		96	80 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508126/5
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl-t-butyl ether (ETBE)	0.0500	0.04518		mg/Kg		90	77 - 129	2	20
Isopropylbenzene	0.0500	0.04826		mg/Kg		97	80 - 122	0	20
Methylene Chloride	0.0500	0.04376		mg/Kg		88	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04440		mg/Kg		89	79 - 123	2	20
Naphthalene	0.0500	0.05153		mg/Kg		103	79 - 121	2	20
n-Butylbenzene	0.0500	0.04957		mg/Kg		99	79 - 131	1	20
N-Propylbenzene	0.0500	0.04772		mg/Kg		95	80 - 122	0	20
o-Xylene	0.0500	0.04636		mg/Kg		93	80 - 120	0	20
m,p-Xylene	0.100	0.09327		mg/Kg		93	80 - 120	1	20
p-Isopropyltoluene	0.0500	0.05015		mg/Kg		100	80 - 126	1	20
sec-Butylbenzene	0.0500	0.04871		mg/Kg		97	80 - 125	1	20
Styrene	0.0500	0.04796		mg/Kg		96	80 - 120	0	20
trans-1,2-Dichloroethene	0.0500	0.04570		mg/Kg		91	75 - 123	1	20
trans-1,3-Dichloropropene	0.0500	0.05078		mg/Kg		102	80 - 124	1	20
Tert-amyl-methyl ether (TAME)	0.0500	0.04807		mg/Kg		96	80 - 120	1	20
tert-Butyl alcohol (TBA)	0.250	0.2572		mg/Kg		103	74 - 123	3	20
tert-Butylbenzene	0.0500	0.04903		mg/Kg		98	80 - 124	2	20
Tetrachloroethene	0.0500	0.05263		mg/Kg		105	80 - 122	1	20
Toluene	0.0500	0.04736		mg/Kg		95	80 - 120	0	20
Trichloroethene	0.0500	0.05168		mg/Kg		103	80 - 127	0	20
Trichlorofluoromethane	0.0500	0.04176		mg/Kg		84	70 - 144	2	20
Vinyl acetate	0.0500	0.04550		mg/Kg		91	71 - 125	1	20
Vinyl chloride	0.0500	0.04114		mg/Kg		82	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-510087/5
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/04/24 17:27	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/04/24 17:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/04/24 17:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/04/24 17:27	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/04/24 17:27	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/04/24 17:27	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 17:27	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/04/24 17:27	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/04/24 17:27	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/04/24 17:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/04/24 17:27	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/04/24 17:27	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/04/24 17:27	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510087/5
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/04/24 17:27	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 17:27	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/04/24 17:27	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/04/24 17:27	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/04/24 17:27	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/04/24 17:27	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/04/24 17:27	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/04/24 17:27	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/04/24 17:27	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/04/24 17:27	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/04/24 17:27	1
2-Hexanone	ND		10	2.7	ug/L			12/04/24 17:27	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/04/24 17:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/04/24 17:27	1
Acetone	ND		10	7.4	ug/L			12/04/24 17:27	1
Benzene	ND		0.50	0.24	ug/L			12/04/24 17:27	1
Bromobenzene	ND		1.0	0.29	ug/L			12/04/24 17:27	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/04/24 17:27	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/04/24 17:27	1
Bromoform	ND		5.0	1.9	ug/L			12/04/24 17:27	1
Bromomethane	ND		25	7.4	ug/L			12/04/24 17:27	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/04/24 17:27	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/04/24 17:27	1
Carbon disulfide	ND		10	0.42	ug/L			12/04/24 17:27	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/04/24 17:27	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/04/24 17:27	1
Chloroethane	ND		5.0	1.9	ug/L			12/04/24 17:27	1
Chloroform	ND		1.0	0.32	ug/L			12/04/24 17:27	1
Chloromethane	ND		10	2.2	ug/L			12/04/24 17:27	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/04/24 17:27	1
Dibromomethane	ND		1.0	0.33	ug/L			12/04/24 17:27	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/04/24 17:27	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/04/24 17:27	1
Ethanol	ND		100	52	ug/L			12/04/24 17:27	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/04/24 17:27	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/04/24 17:27	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/04/24 17:27	1
Methylene Chloride	ND		10	3.0	ug/L			12/04/24 17:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/04/24 17:27	1
Naphthalene	ND		10	4.9	ug/L			12/04/24 17:27	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/04/24 17:27	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/04/24 17:27	1
o-Xylene	ND		1.0	0.27	ug/L			12/04/24 17:27	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/04/24 17:27	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/04/24 17:27	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/04/24 17:27	1
Styrene	ND		1.0	0.38	ug/L			12/04/24 17:27	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/04/24 17:27	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/04/24 17:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510087/5
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/04/24 17:27	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/04/24 17:27	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/04/24 17:27	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/04/24 17:27	1
Toluene	ND		1.0	0.30	ug/L			12/04/24 17:27	1
Trichloroethene	ND		1.0	0.39	ug/L			12/04/24 17:27	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/04/24 17:27	1
Vinyl acetate	ND		10	5.0	ug/L			12/04/24 17:27	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/04/24 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 123*		*12/04/24 17:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/04/24 17:27*	*1*
Dibromofluoromethane (Surr)	*104*		*78 - 120*		*12/04/24 17:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/04/24 17:27*	*1*

Lab Sample ID: LCS 570-510087/1003
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.30		ug/L		107	80 - 122
1,1,1-Trichloroethane	20.0	20.68		ug/L		103	78 - 125
1,1,2,2-Tetrachloroethane	20.0	20.73		ug/L		104	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.66		ug/L		103	72 - 138
1,1,2-Trichloroethane	20.0	21.49		ug/L		107	80 - 124
1,1-Dichloroethane	20.0	18.24		ug/L		91	80 - 127
1,1-Dichloroethene	20.0	20.34		ug/L		102	80 - 133
1,1-Dichloropropene	20.0	20.83		ug/L		104	79 - 126
1,2,3-Trichlorobenzene	20.0	21.91		ug/L		110	79 - 128
1,2,3-Trichloropropane	20.0	21.06		ug/L		105	71 - 128
1,2,4-Trichlorobenzene	20.0	22.96		ug/L		115	77 - 126
1,2,4-Trimethylbenzene	20.0	21.52		ug/L		108	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	19.21		ug/L		96	66 - 122
1,2-Dibromoethane	20.0	21.79		ug/L		109	80 - 120
1,2-Dichlorobenzene	20.0	20.90		ug/L		104	80 - 121
1,2-Dichloroethane	20.0	21.03		ug/L		105	77 - 122
1,2-Dichloropropane	20.0	21.03		ug/L		105	80 - 122
1,3,5-Trimethylbenzene	20.0	22.18		ug/L		111	80 - 123
1,3-Dichlorobenzene	20.0	20.47		ug/L		102	80 - 120
1,3-Dichloropropane	20.0	21.96		ug/L		110	80 - 121
1,4-Dichlorobenzene	20.0	19.75		ug/L		99	80 - 120
2,2-Dichloropropane	20.0	20.43		ug/L		102	68 - 143
2-Butanone (MEK)	20.0	20.10		ug/L		100	61 - 139
2-Chlorotoluene	20.0	20.88		ug/L		104	80 - 121
2-Hexanone	20.0	22.02		ug/L		110	63 - 134
4-Chlorotoluene	20.0	21.03		ug/L		105	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	20.95		ug/L		105	67 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510087/1003
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	19.30		ug/L		96	45 - 150
Benzene	20.0	21.16		ug/L		106	80 - 121
Bromobenzene	20.0	20.96		ug/L		105	80 - 120
Bromochloromethane	20.0	21.63		ug/L		108	80 - 121
Bromodichloromethane	20.0	21.07		ug/L		105	80 - 121
Bromoform	20.0	20.42		ug/L		102	78 - 124
Bromomethane	20.0	16.98	J	ug/L		85	48 - 156
cis-1,2-Dichloroethene	20.0	19.17		ug/L		96	80 - 125
cis-1,3-Dichloropropene	20.0	21.94		ug/L		110	80 - 120
Carbon disulfide	20.0	16.66		ug/L		83	76 - 129
Carbon tetrachloride	20.0	20.87		ug/L		104	71 - 137
Chlorobenzene	20.0	20.71		ug/L		104	80 - 120
Chloroethane	20.0	21.73		ug/L		109	73 - 138
Chloroform	20.0	20.49		ug/L		102	80 - 121
Chloromethane	20.0	16.37		ug/L		82	57 - 138
Dibromochloromethane	20.0	20.50		ug/L		102	80 - 126
Dibromomethane	20.0	22.84		ug/L		114	80 - 120
Dichlorodifluoromethane	20.0	19.72		ug/L		99	44 - 148
Di-isopropyl ether (DIPE)	20.0	19.35		ug/L		97	75 - 134
Ethanol	200	224.4		ug/L		112	50 - 168
Ethylbenzene	20.0	20.87		ug/L		104	80 - 121
Ethyl-t-butyl ether (ETBE)	20.0	18.97		ug/L		95	80 - 124
Isopropylbenzene	20.0	21.28		ug/L		106	80 - 121
Methylene Chloride	20.0	16.63		ug/L		83	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	19.57		ug/L		98	78 - 123
Naphthalene	20.0	20.23		ug/L		101	65 - 133
n-Butylbenzene	20.0	21.93		ug/L		110	80 - 125
N-Propylbenzene	20.0	21.33		ug/L		107	80 - 125
o-Xylene	20.0	21.69		ug/L		108	80 - 122
m,p-Xylene	40.0	43.65		ug/L		109	80 - 123
p-Isopropyltoluene	20.0	20.91		ug/L		105	80 - 124
sec-Butylbenzene	20.0	20.94		ug/L		105	80 - 122
Styrene	20.0	22.02		ug/L		110	80 - 120
trans-1,2-Dichloroethene	20.0	18.37		ug/L		92	80 - 122
trans-1,3-Dichloropropene	20.0	22.03		ug/L		110	80 - 125
Tert-amyl-methyl ether (TAME)	20.0	21.86		ug/L		109	74 - 125
tert-Butyl alcohol (TBA)	100	99.06		ug/L		99	70 - 141
tert-Butylbenzene	20.0	21.15		ug/L		106	80 - 122
Tetrachloroethene	20.0	21.00		ug/L		105	80 - 122
Toluene	20.0	20.88		ug/L		104	80 - 120
Trichloroethene	20.0	20.67		ug/L		103	80 - 120
Trichlorofluoromethane	20.0	21.26		ug/L		106	67 - 142
Vinyl acetate	20.0	16.75		ug/L		84	62 - 140
Vinyl chloride	20.0	18.59		ug/L		93	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510087/1003
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	101		78 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-510087/7
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			20.0	24.36		ug/L		122	80 - 122	13	20
1,1,1-Trichloroethane			20.0	23.41		ug/L		117	78 - 125	12	20
1,1,2,2-Tetrachloroethane			20.0	19.88		ug/L		99	79 - 127	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.11		ug/L		111	72 - 138	7	20
1,1,2-Trichloroethane			20.0	21.42		ug/L		107	80 - 124	0	20
1,1-Dichloroethane			20.0	21.78		ug/L		109	80 - 127	18	20
1,1-Dichloroethene			20.0	23.48		ug/L		117	80 - 133	14	20
1,1-Dichloropropene			20.0	21.94		ug/L		110	79 - 126	5	20
1,2,3-Trichlorobenzene			20.0	22.89		ug/L		114	79 - 128	4	20
1,2,3-Trichloropropane			20.0	22.03		ug/L		110	71 - 128	4	20
1,2,4-Trichlorobenzene			20.0	24.62		ug/L		123	77 - 126	7	20
1,2,4-Trimethylbenzene			20.0	24.15		ug/L		121	80 - 121	12	20
1,2-Dibromo-3-Chloropropane			20.0	19.49		ug/L		97	66 - 122	1	20
1,2-Dibromoethane			20.0	22.28		ug/L		111	80 - 120	2	20
1,2-Dichlorobenzene			20.0	22.06		ug/L		110	80 - 121	5	20
1,2-Dichloroethane			20.0	24.52	*+ me	ug/L		123	77 - 122	15	20
1,2-Dichloropropane			20.0	21.60		ug/L		108	80 - 122	3	20
1,3,5-Trimethylbenzene			20.0	25.13	*+ me	ug/L		126	80 - 123	12	20
1,3-Dichlorobenzene			20.0	22.23		ug/L		111	80 - 120	8	20
1,3-Dichloropropane			20.0	22.25		ug/L		111	80 - 121	1	20
1,4-Dichlorobenzene			20.0	21.88		ug/L		109	80 - 120	10	20
2,2-Dichloropropane			20.0	25.01		ug/L		125	68 - 143	20	20
2-Butanone (MEK)			20.0	20.83		ug/L		104	61 - 139	4	25
2-Chlorotoluene			20.0	23.85		ug/L		119	80 - 121	13	20
2-Hexanone			20.0	23.00		ug/L		115	63 - 134	4	21
4-Chlorotoluene			20.0	23.16		ug/L		116	80 - 121	10	20
4-Methyl-2-pentanone (MIBK)			20.0	18.28		ug/L		91	67 - 125	14	20
Acetone			20.0	21.13		ug/L		106	45 - 150	9	23
Benzene			20.0	21.99		ug/L		110	80 - 121	4	20
Bromobenzene			20.0	23.54		ug/L		118	80 - 120	12	20
Bromochloromethane			20.0	21.88		ug/L		109	80 - 121	1	20
Bromodichloromethane			20.0	23.37		ug/L		117	80 - 121	10	20
Bromoform			20.0	22.11		ug/L		111	78 - 124	8	20
Bromomethane			20.0	19.11	J	ug/L		96	48 - 156	12	21
cis-1,2-Dichloroethene			20.0	20.76		ug/L		104	80 - 125	8	20
cis-1,3-Dichloropropene			20.0	22.82		ug/L		114	80 - 120	4	20
Carbon disulfide			20.0	20.44		ug/L		102	76 - 129	20	20
Carbon tetrachloride			20.0	24.06		ug/L		120	71 - 137	14	20
Chlorobenzene			20.0	22.47		ug/L		112	80 - 120	8	20
Chloroethane			20.0	22.80		ug/L		114	73 - 138	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510087/7
Matrix: Water
Analysis Batch: 510087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform			20.0	21.70		ug/L		109	80 - 121	6	20
Chloromethane			20.0	19.28		ug/L		96	57 - 138	16	20
Dibromochloromethane			20.0	21.83		ug/L		109	80 - 126	6	20
Dibromomethane			20.0	23.66		ug/L		118	80 - 120	4	20
Dichlorodifluoromethane			20.0	22.08		ug/L		110	44 - 148	11	28
Di-isopropyl ether (DIPE)			20.0	22.09		ug/L		110	75 - 134	13	20
Ethanol			200	228.7		ug/L		114	50 - 168	2	29
Ethylbenzene			20.0	23.01		ug/L		115	80 - 121	10	20
Ethyl-t-butyl ether (ETBE)			20.0	21.30		ug/L		106	80 - 124	12	20
Isopropylbenzene			20.0	24.38	*+ me	ug/L		122	80 - 121	14	20
Methylene Chloride			20.0	19.27		ug/L		96	80 - 121	15	20
Methyl-t-Butyl Ether (MTBE)			20.0	21.90		ug/L		110	78 - 123	11	20
Naphthalene			20.0	18.29		ug/L		91	65 - 133	10	20
n-Butylbenzene			20.0	23.53		ug/L		118	80 - 125	7	20
N-Propylbenzene			20.0	23.87		ug/L		119	80 - 125	11	20
o-Xylene			20.0	24.52	*+ me	ug/L		123	80 - 122	12	20
m,p-Xylene			40.0	48.47		ug/L		121	80 - 123	10	20
p-Isopropyltoluene			20.0	23.19		ug/L		116	80 - 124	10	20
sec-Butylbenzene			20.0	23.08		ug/L		115	80 - 122	10	20
Styrene			20.0	23.49		ug/L		117	80 - 120	6	20
trans-1,2-Dichloroethene			20.0	21.20		ug/L		106	80 - 122	14	20
trans-1,3-Dichloropropene			20.0	23.82		ug/L		119	80 - 125	8	20
Tert-amyl-methyl ether (TAME)			20.0	22.48		ug/L		112	74 - 125	3	20
tert-Butyl alcohol (TBA)			100	101.0		ug/L		101	70 - 141	2	20
tert-Butylbenzene			20.0	23.50		ug/L		118	80 - 122	11	20
Tetrachloroethene			20.0	23.86		ug/L		119	80 - 122	13	20
Toluene			20.0	22.09		ug/L		110	80 - 120	6	20
Trichloroethene			20.0	22.95		ug/L		115	80 - 120	10	20
Trichlorofluoromethane			20.0	24.83		ug/L		124	67 - 142	16	20
Vinyl acetate			20.0	17.02		ug/L		85	62 - 140	2	21
Vinyl chloride			20.0	20.04		ug/L		100	66 - 136	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 123*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		11/27/24 12:05	12/02/24 23:24	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Acenaphthene	ND		0.50	0.079	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Aniline	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Anthracene	ND		0.50	0.078	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Azobenzene	ND		0.50	0.078	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzidine	ND		5.0	0.58	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzoic acid	ND		2.5	0.67	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Chrysene	ND		0.50	0.083	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dibenz(a,h)anthracene	0.08134	J	0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Fluoranthene	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Fluorene	ND		0.50	0.094	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Isophorone	ND		0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Naphthalene	ND		0.50	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Phenanthrene	ND		0.50	0.072	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Phenol	ND		0.50	0.097	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pyrene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pyridine	ND		0.50	0.24	mg/Kg		11/27/24 12:05	12/02/24 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 134*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 123*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
Nitrobenzene-d5 (Surr)	*96*		*10 - 129*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
p-Terphenyl-d14 (Surr)	*90*		*31 - 139*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
Phenol-d6 (Surr)	*93*		*10 - 120*	*11/27/24 12:05*	*12/02/24 23:24*	*1*

Lab Sample ID: LCS 570-508281/2-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.824		mg/Kg		96	24 - 137
1,2-Dichlorobenzene	5.00	4.897		mg/Kg		98	24 - 148
1,3-Dichlorobenzene	5.00	4.846		mg/Kg		97	22 - 144
1,4-Dichlorobenzene	5.00	4.458		mg/Kg		89	24 - 143
1-Methylnaphthalene	5.00	4.829		mg/Kg		97	26 - 143
2,4,5-Trichlorophenol	5.00	4.901		mg/Kg		98	24 - 139
2,4,6-Trichlorophenol	5.00	4.984		mg/Kg		100	26 - 140
2,4-Dichlorophenol	5.00	5.219		mg/Kg		104	24 - 139
2,4-Dimethylphenol	5.00	4.957		mg/Kg		99	23 - 136
2,4-Dinitrophenol	5.00	4.790		mg/Kg		96	10 - 174
2,4-Dinitrotoluene	4.00	4.591		mg/Kg		115	28 - 166
2,6-Dichlorophenol	5.00	5.030		mg/Kg		101	23 - 134
2,6-Dinitrotoluene	4.00	4.426		mg/Kg		111	30 - 157
2-Chloronaphthalene	5.00	4.919		mg/Kg		98	30 - 144
2-Chlorophenol	5.00	5.158		mg/Kg		103	26 - 157

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508281/2-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	5.00	5.544		mg/Kg		111	23 - 134
2-Methylphenol	5.00	5.259		mg/Kg		105	30 - 161
2-Nitroaniline	5.00	4.728		mg/Kg		95	16 - 142
2-Nitrophenol	5.00	4.948		mg/Kg		99	23 - 142
3,3'-Dichlorobenzidine	5.00	4.158		mg/Kg		83	28 - 143
3/4-Methylphenol	10.0	10.72		mg/Kg		107	10 - 120
3-Nitroaniline	5.00	4.647		mg/Kg		93	25 - 138
4,6-Dinitro-2-methylphenol	5.00	5.322		mg/Kg		106	10 - 144
4-Bromophenyl phenyl ether	5.00	4.914		mg/Kg		98	33 - 150
4-Chloro-3-methylphenol	5.00	5.014		mg/Kg		100	23 - 142
4-Chloroaniline	5.00	4.079		mg/Kg		82	12 - 120
4-Chlorophenyl phenyl ether	5.00	5.035		mg/Kg		101	29 - 143
4-Nitroaniline	5.00	5.206		mg/Kg		104	26 - 147
4-Nitrophenol	5.00	5.259		mg/Kg		105	10 - 145
Acenaphthene	5.00	4.844		mg/Kg		97	30 - 144
Acenaphthylene	5.00	4.709		mg/Kg		94	28 - 148
Aniline	5.00	3.938		mg/Kg		79	10 - 120
Anthracene	5.00	5.271		mg/Kg		105	30 - 149
Azobenzene	4.00	4.205		mg/Kg		105	14 - 147
Benzidine	5.00	1.384	J	mg/Kg		28	10 - 120
Benzo[a]anthracene	5.00	5.364		mg/Kg		107	27 - 156
Benzo[a]pyrene	5.00	5.546		mg/Kg		111	36 - 157
Benzo[b]fluoranthene	5.00	5.337		mg/Kg		107	35 - 159
Benzo[g,h,i]perylene	5.00	4.965		mg/Kg		99	30 - 156
Benzo[k]fluoranthene	5.00	5.378		mg/Kg		108	35 - 159
Benzoic acid	5.00	3.505		mg/Kg		70	10 - 136
Benzyl alcohol	4.00	4.358		mg/Kg		109	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.838		mg/Kg		97	21 - 140
Bis(2-chloroethyl)ether	5.00	4.854		mg/Kg		97	22 - 151
bis (2-Chloroisopropyl) ether	5.00	4.690		mg/Kg		94	10 - 179
Bis(2-ethylhexyl) phthalate	4.00	4.507		mg/Kg		113	23 - 166
Butyl benzyl phthalate	4.00	4.576		mg/Kg		114	18 - 170
Chrysene	5.00	5.195		mg/Kg		104	28 - 145
Dibenz(a,h)anthracene	5.00	5.381		mg/Kg		108	32 - 149
Dibenzofuran	4.00	4.136		mg/Kg		103	29 - 143
Diethyl phthalate	4.00	4.333		mg/Kg		108	26 - 151
Dimethyl phthalate	4.00	4.216		mg/Kg		105	27 - 150
Di-n-butyl phthalate	4.00	4.410		mg/Kg		110	27 - 152
Di-n-octyl phthalate	4.00	4.434		mg/Kg		111	40 - 178
Fluoranthene	5.00	5.292		mg/Kg		106	33 - 156
Fluorene	5.00	5.069		mg/Kg		101	27 - 146
Hexachloro-1,3-butadiene	5.00	5.074		mg/Kg		101	22 - 140
Hexachlorobenzene	5.00	5.002		mg/Kg		100	20 - 143
Hexachlorocyclopentadiene	5.00	4.931		mg/Kg		99	10 - 172
Hexachloroethane	5.00	4.872		mg/Kg		97	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	5.413		mg/Kg		108	38 - 157
Isophorone	4.00	3.806		mg/Kg		95	15 - 165
Naphthalene	5.00	4.808		mg/Kg		96	25 - 140
Nitrobenzene	4.00	4.003		mg/Kg		100	17 - 136

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508281/2-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508281

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-Nitrosodimethylamine			5.00	4.233		mg/Kg		85	10 - 134		
N-Nitrosodi-n-propylamine			5.00	4.547		mg/Kg		91	16 - 158		
n-Nitrosodiphenylamine(as diphenylamine)			5.00	5.513		mg/Kg		110	33 - 166		
Pentachlorophenol			5.00	4.875		mg/Kg		97	10 - 141		
Phenanthrene			5.00	5.081		mg/Kg		102	29 - 144		
Phenol			5.00	5.475		mg/Kg		109	19 - 164		
Pyrene			5.00	5.388		mg/Kg		108	17 - 156		
Pyridine			5.00	3.440		mg/Kg		69	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 134*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*
2-Fluorophenol (Surr)	*104*		*10 - 123*
Nitrobenzene-d5 (Surr)	*87*		*10 - 129*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*
Phenol-d6 (Surr)	*103*		*10 - 120*

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.423		mg/Kg		88	24 - 137	9	30
1,2-Dichlorobenzene			5.00	4.227		mg/Kg		85	24 - 148	15	30
1,3-Dichlorobenzene			5.00	3.971		mg/Kg		79	22 - 144	20	30
1,4-Dichlorobenzene			5.00	3.702		mg/Kg		74	24 - 143	19	30
1-Methylnaphthalene			5.00	4.278		mg/Kg		86	26 - 143	12	24
2,4,5-Trichlorophenol			5.00	4.249		mg/Kg		85	24 - 139	14	21
2,4,6-Trichlorophenol			5.00	4.257		mg/Kg		85	26 - 140	16	23
2,4-Dichlorophenol			5.00	4.336		mg/Kg		87	24 - 139	18	27
2,4-Dimethylphenol			5.00	4.351		mg/Kg		87	23 - 136	13	27
2,4-Dinitrophenol			5.00	3.907		mg/Kg		78	10 - 174	20	27
2,4-Dinitrotoluene			4.00	3.887		mg/Kg		97	28 - 166	17	27
2,6-Dichlorophenol			5.00	4.411		mg/Kg		88	23 - 134	13	25
2,6-Dinitrotoluene			4.00	3.775		mg/Kg		94	30 - 157	16	25
2-Chloronaphthalene			5.00	4.141		mg/Kg		83	30 - 144	17	22
2-Chlorophenol			5.00	4.358		mg/Kg		87	26 - 157	17	30
2-Methylnaphthalene			5.00	4.848		mg/Kg		97	23 - 134	13	27
2-Methylphenol			5.00	4.463		mg/Kg		89	30 - 161	16	28
2-Nitroaniline			5.00	3.796		mg/Kg		76	16 - 142	22	30
2-Nitrophenol			5.00	4.391		mg/Kg		88	23 - 142	12	30
3,3'-Dichlorobenzidine			5.00	3.312		mg/Kg		66	28 - 143	23	23
3/4-Methylphenol			10.0	8.805		mg/Kg		88	10 - 120	20	30
3-Nitroaniline			5.00	3.653		mg/Kg		73	25 - 138	24	27
4,6-Dinitro-2-methylphenol			5.00	4.422		mg/Kg		88	10 - 144	18	23
4-Bromophenyl phenyl ether			5.00	4.317		mg/Kg		86	33 - 150	13	22
4-Chloro-3-methylphenol			5.00	4.382		mg/Kg		88	23 - 142	13	30
4-Chloroaniline			5.00	3.330		mg/Kg		67	12 - 120	20	29

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chlorophenyl phenyl ether	5.00	4.059		mg/Kg		81	29 - 143	21	23
4-Nitroaniline	5.00	4.248		mg/Kg		85	26 - 147	20	29
4-Nitrophenol	5.00	4.550		mg/Kg		91	10 - 145	14	30
Acenaphthene	5.00	4.166		mg/Kg		83	30 - 144	15	22
Acenaphthylene	5.00	3.992		mg/Kg		80	28 - 148	16	25
Aniline	5.00	3.114		mg/Kg		62	10 - 120	23	30
Anthracene	5.00	4.559		mg/Kg		91	30 - 149	14	24
Azobenzene	4.00	3.680		mg/Kg		92	14 - 147	13	30
Benzidine	5.00	1.140	J	mg/Kg		23	10 - 120	19	30
Benzo[a]anthracene	5.00	4.455		mg/Kg		89	27 - 156	19	24
Benzo[a]pyrene	5.00	4.662		mg/Kg		93	36 - 157	17	21
Benzo[b]fluoranthene	5.00	4.634		mg/Kg		93	35 - 159	14	21
Benzo[g,h,i]perylene	5.00	4.010		mg/Kg		80	30 - 156	21	25
Benzo[k]fluoranthene	5.00	4.305		mg/Kg		86	35 - 159	22	22
Benzoic acid	5.00	2.826	*1	mg/Kg		57	10 - 136	21	20
Benzyl alcohol	4.00	3.582		mg/Kg		90	18 - 154	20	30
Bis(2-chloroethoxy)methane	5.00	4.313		mg/Kg		86	21 - 140	11	29
Bis(2-chloroethyl)ether	5.00	4.017		mg/Kg		80	22 - 151	19	30
bis (2-Chloroisopropyl) ether	5.00	3.911		mg/Kg		78	10 - 179	18	30
Bis(2-ethylhexyl) phthalate	4.00	3.706		mg/Kg		93	23 - 166	19	27
Butyl benzyl phthalate	4.00	3.652		mg/Kg		91	18 - 170	22	29
Chrysene	5.00	4.422		mg/Kg		88	28 - 145	16	21
Dibenz(a,h)anthracene	5.00	4.246		mg/Kg		85	32 - 149	24	25
Dibenzofuran	4.00	3.583		mg/Kg		90	29 - 143	14	24
Diethyl phthalate	4.00	3.522		mg/Kg		88	26 - 151	21	26
Dimethyl phthalate	4.00	3.468		mg/Kg		87	27 - 150	19	24
Di-n-butyl phthalate	4.00	3.779		mg/Kg		94	27 - 152	15	27
Di-n-octyl phthalate	4.00	3.730		mg/Kg		93	40 - 178	17	21
Fluoranthene	5.00	4.618		mg/Kg		92	33 - 156	14	26
Fluorene	5.00	4.347		mg/Kg		87	27 - 146	15	26
Hexachloro-1,3-butadiene	5.00	4.286		mg/Kg		86	22 - 140	17	30
Hexachlorobenzene	5.00	4.312		mg/Kg		86	20 - 143	15	25
Hexachlorocyclopentadiene	5.00	3.933		mg/Kg		79	10 - 172	23	27
Hexachloroethane	5.00	3.850		mg/Kg		77	22 - 144	23	30
Indeno[1,2,3-cd]pyrene	5.00	4.422		mg/Kg		88	38 - 157	20	25
Isophorone	4.00	3.354		mg/Kg		84	15 - 165	13	30
Naphthalene	5.00	4.288		mg/Kg		86	25 - 140	11	28
Nitrobenzene	4.00	3.522		mg/Kg		88	17 - 136	13	30
N-Nitrosodimethylamine	5.00	3.364		mg/Kg		67	10 - 134	23	30
N-Nitrosodi-n-propylamine	5.00	3.567		mg/Kg		71	16 - 158	24	30
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.602		mg/Kg		92	33 - 166	18	23
Pentachlorophenol	5.00	4.302		mg/Kg		86	10 - 141	12	25
Phenanthrene	5.00	4.354		mg/Kg		87	29 - 144	15	23
Phenol	5.00	4.547		mg/Kg		91	19 - 164	19	30
Pyrene	5.00	4.373		mg/Kg		87	17 - 156	21	27
Pyridine	5.00	2.927		mg/Kg		59	10 - 120	16	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 134*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*
2-Fluorophenol (Surr)	*87*		*10 - 123*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*
p-Terphenyl-d14 (Surr)	*82*		*31 - 139*
Phenol-d6 (Surr)	*87*		*10 - 120*

Lab Sample ID: 570-208722-19 MS
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: SB-8-5.0
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.74	4.976		mg/Kg	☼	87	50 - 125
1,2-Dichlorobenzene	ND		5.74	5.140		mg/Kg	☼	90	42 - 125
1,3-Dichlorobenzene	ND		5.74	4.810		mg/Kg	☼	84	40 - 125
1,4-Dichlorobenzene	ND		5.74	4.445		mg/Kg	☼	77	45 - 125
1-Methylnaphthalene	ND		5.74	4.988		mg/Kg	☼	87	54 - 125
2,4,5-Trichlorophenol	ND		5.74	5.084		mg/Kg	☼	89	35 - 125
2,4,6-Trichlorophenol	ND		5.74	5.040		mg/Kg	☼	88	33 - 126
2,4-Dichlorophenol	ND		5.74	5.288		mg/Kg	☼	92	45 - 125
2,4-Dimethylphenol	ND		5.74	4.358		mg/Kg	☼	76	44 - 125
2,4-Dinitrophenol	ND		5.74	4.658		mg/Kg	☼	81	10 - 125
2,4-Dinitrotoluene	ND		4.59	4.504		mg/Kg	☼	98	47 - 125
2,6-Dichlorophenol	ND		5.74	5.079		mg/Kg	☼	88	38 - 125
2,6-Dinitrotoluene	ND		4.59	4.414		mg/Kg	☼	96	41 - 125
2-Chloronaphthalene	ND		5.74	5.068		mg/Kg	☼	88	47 - 125
2-Chlorophenol	ND		5.74	5.228		mg/Kg	☼	91	49 - 125
2-Methylnaphthalene	ND		5.74	5.622		mg/Kg	☼	98	42 - 125
2-Methylphenol	ND		5.74	4.877		mg/Kg	☼	85	46 - 125
2-Nitroaniline	ND		5.74	5.224		mg/Kg	☼	91	43 - 125
2-Nitrophenol	ND		5.74	5.253		mg/Kg	☼	91	25 - 126
3,3'-Dichlorobenzidine	ND		5.74	4.094		mg/Kg	☼	71	29 - 125
3/4-Methylphenol	ND		11.5	10.03		mg/Kg	☼	87	26 - 125
3-Nitroaniline	ND		5.74	4.716		mg/Kg	☼	82	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.74	4.971		mg/Kg	☼	87	10 - 125
4-Bromophenyl phenyl ether	ND		5.74	4.773		mg/Kg	☼	83	47 - 125
4-Chloro-3-methylphenol	ND		5.74	5.005		mg/Kg	☼	87	53 - 125
4-Chloroaniline	ND		5.74	4.282		mg/Kg	☼	75	33 - 125
4-Chlorophenyl phenyl ether	ND		5.74	4.981		mg/Kg	☼	87	49 - 125
4-Nitroaniline	ND		5.74	5.627		mg/Kg	☼	98	35 - 125
4-Nitrophenol	ND		5.74	5.552		mg/Kg	☼	97	22 - 134
Acenaphthene	ND		5.74	4.881		mg/Kg	☼	85	51 - 125
Acenaphthylene	ND		5.74	4.763		mg/Kg	☼	83	54 - 125
Aniline	ND		5.74	3.409		mg/Kg	☼	59	24 - 125
Anthracene	ND		5.74	5.244		mg/Kg	☼	91	50 - 125
Azobenzene	ND		4.59	4.226		mg/Kg	☼	92	48 - 125
Benzidine	ND	F1	5.74	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.74	5.235		mg/Kg	☼	91	62 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-208722-19 MS
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: SB-8-5.0
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	ND		5.74	5.424		mg/Kg	☼	94	55 - 131
Benzo[b]fluoranthene	ND		5.74	5.308		mg/Kg	☼	92	49 - 128
Benzo[g,h,i]perylene	ND		5.74	4.982		mg/Kg	☼	87	56 - 125
Benzo[k]fluoranthene	ND		5.74	5.168		mg/Kg	☼	90	48 - 125
Benzoic acid	ND	*1	5.74	1.607	J	mg/Kg	☼	28	10 - 125
Benzyl alcohol	ND		4.59	4.417		mg/Kg	☼	96	47 - 125
Bis(2-chloroethoxy)methane	ND		5.74	4.970		mg/Kg	☼	87	48 - 125
Bis(2-chloroethyl)ether	ND		5.74	4.683		mg/Kg	☼	82	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.74	4.727		mg/Kg	☼	82	46 - 125
Bis(2-ethylhexyl) phthalate	ND		4.59	4.299		mg/Kg	☼	94	50 - 125
Butyl benzyl phthalate	ND		4.59	4.219		mg/Kg	☼	92	58 - 125
Chrysene	ND		5.74	4.971		mg/Kg	☼	87	53 - 125
Dibenz(a,h)anthracene	ND		5.74	5.199		mg/Kg	☼	91	57 - 125
Dibenzofuran	ND		4.59	4.240		mg/Kg	☼	92	47 - 125
Diethyl phthalate	ND		4.59	4.243		mg/Kg	☼	92	53 - 125
Dimethyl phthalate	ND		4.59	4.150		mg/Kg	☼	90	52 - 125
Di-n-butyl phthalate	ND		4.59	4.370		mg/Kg	☼	95	49 - 125
Di-n-octyl phthalate	ND		4.59	4.358		mg/Kg	☼	95	57 - 125
Fluoranthene	ND		5.74	5.383		mg/Kg	☼	94	50 - 125
Fluorene	ND		5.74	5.064		mg/Kg	☼	88	54 - 125
Hexachloro-1,3-butadiene	ND		5.74	5.355		mg/Kg	☼	93	43 - 125
Hexachlorobenzene	ND		5.74	5.077		mg/Kg	☼	88	55 - 125
Hexachlorocyclopentadiene	ND		5.74	4.711		mg/Kg	☼	82	10 - 150
Hexachloroethane	ND		5.74	4.508		mg/Kg	☼	79	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.74	5.267		mg/Kg	☼	92	55 - 125
Isophorone	ND		4.59	3.999		mg/Kg	☼	87	50 - 125
Naphthalene	ND		5.74	5.038		mg/Kg	☼	88	39 - 127
Nitrobenzene	ND		4.59	4.091		mg/Kg	☼	89	43 - 125
N-Nitrosodimethylamine	ND		5.74	4.375		mg/Kg	☼	76	36 - 125
N-Nitrosodi-n-propylamine	ND		5.74	4.823		mg/Kg	☼	84	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.74	5.689		mg/Kg	☼	99	57 - 134
Pentachlorophenol	ND		5.74	4.341		mg/Kg	☼	76	10 - 125
Phenanthrene	ND		5.74	5.091		mg/Kg	☼	89	51 - 125
Phenol	ND		5.74	5.338		mg/Kg	☼	93	45 - 125
Pyrene	ND		5.74	5.016		mg/Kg	☼	87	56 - 125
Pyridine	ND		5.74	4.618		mg/Kg	☼	80	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 134*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*
2-Fluorophenol (Surr)	*91*		*10 - 123*
Nitrobenzene-d5 (Surr)	*83*		*10 - 129*
p-Terphenyl-d14 (Surr)	*83*		*31 - 139*
Phenol-d6 (Surr)	*89*		*10 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-208722-19 MSD
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: SB-8-5.0
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.76	5.121		mg/Kg	☼	89	50 - 125	3	20
1,2-Dichlorobenzene	ND		5.76	5.243		mg/Kg	☼	91	42 - 125	2	20
1,3-Dichlorobenzene	ND		5.76	4.934		mg/Kg	☼	86	40 - 125	3	21
1,4-Dichlorobenzene	ND		5.76	4.517		mg/Kg	☼	78	45 - 125	2	24
1-Methylnaphthalene	ND		5.76	5.096		mg/Kg	☼	89	54 - 125	2	20
2,4,5-Trichlorophenol	ND		5.76	5.163		mg/Kg	☼	90	35 - 125	2	20
2,4,6-Trichlorophenol	ND		5.76	5.181		mg/Kg	☼	90	33 - 126	3	20
2,4-Dichlorophenol	ND		5.76	5.208		mg/Kg	☼	90	45 - 125	2	20
2,4-Dimethylphenol	ND		5.76	4.847		mg/Kg	☼	84	44 - 125	11	20
2,4-Dinitrophenol	ND		5.76	4.587		mg/Kg	☼	80	10 - 125	2	22
2,4-Dinitrotoluene	ND		4.61	4.768		mg/Kg	☼	104	47 - 125	6	20
2,6-Dichlorophenol	ND		5.76	5.071		mg/Kg	☼	88	38 - 125	0	20
2,6-Dinitrotoluene	ND		4.61	4.484		mg/Kg	☼	97	41 - 125	2	20
2-Chloronaphthalene	ND		5.76	5.092		mg/Kg	☼	88	47 - 125	0	20
2-Chlorophenol	ND		5.76	5.457		mg/Kg	☼	95	49 - 125	4	20
2-Methylnaphthalene	ND		5.76	5.704		mg/Kg	☼	99	42 - 125	1	20
2-Methylphenol	ND		5.76	5.306		mg/Kg	☼	92	46 - 125	8	20
2-Nitroaniline	ND		5.76	5.199		mg/Kg	☼	90	43 - 125	0	20
2-Nitrophenol	ND		5.76	5.187		mg/Kg	☼	90	25 - 126	1	21
3,3'-Dichlorobenzidine	ND		5.76	4.316		mg/Kg	☼	75	29 - 125	5	20
3/4-Methylphenol	ND		11.5	10.84		mg/Kg	☼	94	26 - 125	8	20
3-Nitroaniline	ND		5.76	4.961		mg/Kg	☼	86	39 - 125	5	20
4,6-Dinitro-2-methylphenol	ND		5.76	5.165		mg/Kg	☼	90	10 - 125	4	24
4-Bromophenyl phenyl ether	ND		5.76	4.824		mg/Kg	☼	84	47 - 125	1	20
4-Chloro-3-methylphenol	ND		5.76	5.169		mg/Kg	☼	90	53 - 125	3	20
4-Chloroaniline	ND		5.76	4.398		mg/Kg	☼	76	33 - 125	3	20
4-Chlorophenyl phenyl ether	ND		5.76	5.012		mg/Kg	☼	87	49 - 125	1	20
4-Nitroaniline	ND		5.76	5.746		mg/Kg	☼	100	35 - 125	2	20
4-Nitrophenol	ND		5.76	5.443		mg/Kg	☼	95	22 - 134	2	21
Acenaphthene	ND		5.76	5.094		mg/Kg	☼	89	51 - 125	4	20
Acenaphthylene	ND		5.76	4.830		mg/Kg	☼	84	54 - 125	1	20
Aniline	ND		5.76	3.705		mg/Kg	☼	64	24 - 125	8	20
Anthracene	ND		5.76	5.323		mg/Kg	☼	92	50 - 125	1	20
Azobenzene	ND		4.61	4.284		mg/Kg	☼	93	48 - 125	1	20
Benzidine	ND	F1	5.76	ND	F1	mg/Kg	☼	0	10 - 126	NC	30
Benzo[a]anthracene	ND		5.76	5.362		mg/Kg	☼	93	62 - 125	2	20
Benzo[a]pyrene	ND		5.76	5.524		mg/Kg	☼	96	55 - 131	2	20
Benzo[b]fluoranthene	ND		5.76	5.407		mg/Kg	☼	94	49 - 128	2	20
Benzo[g,h,i]perylene	ND		5.76	4.956		mg/Kg	☼	86	56 - 125	1	20
Benzo[k]fluoranthene	ND		5.76	5.357		mg/Kg	☼	93	48 - 125	4	20
Benzoic acid	ND	*1	5.76	1.836	J	mg/Kg	☼	32	10 - 125	13	35
Benzyl alcohol	ND		4.61	4.523		mg/Kg	☼	98	47 - 125	2	20
Bis(2-chloroethoxy)methane	ND		5.76	5.084		mg/Kg	☼	88	48 - 125	2	20
Bis(2-chloroethyl)ether	ND		5.76	4.995		mg/Kg	☼	87	43 - 125	6	20
bis (2-Chloroisopropyl) ether	ND		5.76	4.843		mg/Kg	☼	84	46 - 125	2	20
Bis(2-ethylhexyl) phthalate	ND		4.61	4.496		mg/Kg	☼	98	50 - 125	4	20
Butyl benzyl phthalate	ND		4.61	4.463		mg/Kg	☼	97	58 - 125	6	20
Chrysene	ND		5.76	5.166		mg/Kg	☼	90	53 - 125	4	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-208722-19 MSD
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: SB-8-5.0
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	ND		5.76	5.150		mg/Kg	☼	89	57 - 125	1	20
Dibenzofuran	ND		4.61	4.314		mg/Kg	☼	94	47 - 125	2	20
Diethyl phthalate	ND		4.61	4.338		mg/Kg	☼	94	53 - 125	2	20
Dimethyl phthalate	ND		4.61	4.259		mg/Kg	☼	92	52 - 125	3	20
Di-n-butyl phthalate	ND		4.61	4.385		mg/Kg	☼	95	49 - 125	0	20
Di-n-octyl phthalate	ND		4.61	4.408		mg/Kg	☼	96	57 - 125	1	20
Fluoranthene	ND		5.76	5.413		mg/Kg	☼	94	50 - 125	1	20
Fluorene	ND		5.76	5.288		mg/Kg	☼	92	54 - 125	4	20
Hexachloro-1,3-butadiene	ND		5.76	5.211		mg/Kg	☼	91	43 - 125	3	20
Hexachlorobenzene	ND		5.76	4.918		mg/Kg	☼	85	55 - 125	3	20
Hexachlorocyclopentadiene	ND		5.76	4.887		mg/Kg	☼	85	10 - 150	4	33
Hexachloroethane	ND		5.76	4.559		mg/Kg	☼	79	27 - 125	1	27
Indeno[1,2,3-cd]pyrene	ND		5.76	5.469		mg/Kg	☼	95	55 - 125	4	20
Isophorone	ND		4.61	3.972		mg/Kg	☼	86	50 - 125	1	20
Naphthalene	ND		5.76	5.003		mg/Kg	☼	87	39 - 127	1	20
Nitrobenzene	ND		4.61	4.117		mg/Kg	☼	89	43 - 125	1	20
N-Nitrosodimethylamine	ND		5.76	4.154		mg/Kg	☼	72	36 - 125	5	26
N-Nitrosodi-n-propylamine	ND		5.76	4.984		mg/Kg	☼	87	47 - 125	3	20
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.76	5.808		mg/Kg	☼	101	57 - 134	2	20
Pentachlorophenol	ND		5.76	4.374		mg/Kg	☼	76	10 - 125	1	20
Phenanthrene	ND		5.76	5.144		mg/Kg	☼	89	51 - 125	1	20
Phenol	ND		5.76	5.593		mg/Kg	☼	97	45 - 125	5	20
Pyrene	ND		5.76	5.278		mg/Kg	☼	92	56 - 125	5	20
Pyridine	ND		5.76	4.515		mg/Kg	☼	78	17 - 125	2	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 134*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*
2-Fluorophenol (Surr)	*93*		*10 - 123*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*94*		*10 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-508245/1-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthene	ND		0.020	0.013	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Anthracene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-508245/1-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Chrysene	ND		0.020	0.0065	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluorene	ND		0.020	0.0097	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Naphthalene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Phenanthrene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Pyrene	ND		0.020	0.0087	mg/Kg		11/27/24 10:47	12/02/24 09:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*22 - 130*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*	*11/27/24 10:47*	*12/02/24 09:42*	*1*

Lab Sample ID: LCS 570-508245/2-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7975		mg/Kg		80	54 - 132
2-Methylnaphthalene	1.00	0.9061		mg/Kg		91	50 - 127
Acenaphthene	1.00	0.9163		mg/Kg		92	53 - 125
Acenaphthylene	1.00	0.9143		mg/Kg		91	50 - 123
Anthracene	1.00	0.8993		mg/Kg		90	50 - 132
Benzo[g,h,i]perylene	1.00	0.8454		mg/Kg		85	50 - 130
Benzo[k]fluoranthene	1.00	0.8954		mg/Kg		90	49 - 150
Benzo[a]anthracene	1.00	0.8839		mg/Kg		88	50 - 133
Benzo[a]pyrene	1.00	0.9284		mg/Kg		93	50 - 134
Benzo[b]fluoranthene	1.00	0.8893		mg/Kg		89	50 - 142
Chrysene	1.00	0.8280		mg/Kg		83	51 - 129
Dibenz(a,h)anthracene	1.00	0.8950		mg/Kg		90	50 - 133
Fluoranthene	1.00	1.036		mg/Kg		104	55 - 127
Fluorene	1.00	0.9763		mg/Kg		98	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9134		mg/Kg		91	50 - 148
Naphthalene	1.00	0.8106		mg/Kg		81	51 - 129
Phenanthrene	1.00	0.8780		mg/Kg		88	50 - 122
Pyrene	1.00	0.7736		mg/Kg		77	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*
Nitrobenzene-d5 (Surr)	*86*		*20 - 145*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-508245/3-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508245

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.00	0.8419		mg/Kg		84	54 - 132	5	20
2-Methylnaphthalene			1.00	0.9542		mg/Kg		95	50 - 127	5	20
Acenaphthene			1.00	0.9543		mg/Kg		95	53 - 125	4	20
Acenaphthylene			1.00	0.9505		mg/Kg		95	50 - 123	4	20
Anthracene			1.00	0.9447		mg/Kg		94	50 - 132	5	20
Benzo[g,h,i]perylene			1.00	0.9073		mg/Kg		91	50 - 130	7	20
Benzo[k]fluoranthene			1.00	0.9348		mg/Kg		93	49 - 150	4	20
Benzo[a]anthracene			1.00	0.9385		mg/Kg		94	50 - 133	6	20
Benzo[a]pyrene			1.00	0.9878		mg/Kg		99	50 - 134	6	20
Benzo[b]fluoranthene			1.00	0.9564		mg/Kg		96	50 - 142	7	20
Chrysene			1.00	0.8788		mg/Kg		88	51 - 129	6	20
Dibenz(a,h)anthracene			1.00	0.9325		mg/Kg		93	50 - 133	4	20
Fluoranthene			1.00	1.094		mg/Kg		109	55 - 127	5	20
Fluorene			1.00	1.029		mg/Kg		103	55 - 127	5	20
Indeno[1,2,3-cd]pyrene			1.00	0.9822		mg/Kg		98	50 - 148	7	20
Naphthalene			1.00	0.8497		mg/Kg		85	51 - 129	5	20
Phenanthrene			1.00	0.9263		mg/Kg		93	50 - 122	5	20
Pyrene			1.00	0.8224		mg/Kg		82	50 - 134	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*95*		*22 - 130*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-509491/5
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/03/24 12:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*		*12/03/24 12:58*	*1*

Lab Sample ID: MB 570-509491/6
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/03/24 13:43	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*		*12/03/24 13:43*	*20*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-509491/3
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.99	1.897		mg/Kg		95	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Lab Sample ID: LCSD 570-509491/4
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	1.868		mg/Kg		94	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*

Lab Sample ID: MB 570-509734/33
Matrix: Solid
Analysis Batch: 509734

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/04/24 01:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*		*12/04/24 01:14*	*1*

Lab Sample ID: LCS 570-509734/31
Matrix: Solid
Analysis Batch: 509734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.850		mg/Kg		94	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*

Lab Sample ID: LCSD 570-509734/32
Matrix: Solid
Analysis Batch: 509734

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.99	1.844		mg/Kg		93	70 - 124	0	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-509976/60
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/04/24 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*		*12/04/24 12:46*	*1*

Lab Sample ID: MB 570-509976/61
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/04/24 13:10	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*		*12/04/24 13:10*	*20*

Lab Sample ID: LCS 570-509976/58
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2.00	1.969		mg/Kg		99	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*

Lab Sample ID: LCSD 570-509976/59
Matrix: Solid
Analysis Batch: 509976

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.947		mg/Kg		98	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Lab Sample ID: MB 570-510210/35
Matrix: Water
Analysis Batch: 510210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/05/24 06:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*20 - 144*		*12/05/24 06:14*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-510210/33
Matrix: Water
Analysis Batch: 510210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1904		ug/L		95	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*20 - 144*

Lab Sample ID: LCSD 570-510210/34
Matrix: Water
Analysis Batch: 510210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	2100		ug/L		105	71 - 120	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*20 - 144*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-508716/1-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		11/30/24 10:44	11/30/24 14:38	1
C23-C40	ND		5.0	4.6	mg/Kg		11/30/24 10:44	11/30/24 14:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*115*		*60 - 138*	*11/30/24 10:44*	*11/30/24 14:38*	*1*

Lab Sample ID: LCS 570-508716/2-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508716

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	354.8		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*113*		*60 - 138*

Lab Sample ID: LCSD 570-508716/3-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508716

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	357.1		mg/Kg		89	70 - 130	1	20

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-508716/3-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508716

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	113		60 - 138

Lab Sample ID: MB 570-508814/1-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/01/24 10:59	12/03/24 10:23	1
C23-C40	ND		50	42	ug/L		12/01/24 10:59	12/03/24 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		53 - 151	12/01/24 10:59	12/03/24 10:23	1

Lab Sample ID: LCS 570-508814/2-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	4000	3101		ug/L		78	65 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	91		53 - 151

Lab Sample ID: LCSD 570-508814/3-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	4000	3210		ug/L		80	65 - 129	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	95		53 - 151

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-508293/1-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1221	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1232	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1242	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1248	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1254	ND		0.050	0.025	mg/Kg		11/27/24 12:46	11/30/24 19:55	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-508293/1-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	ND		0.050	0.025	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1262	ND		50	25	ug/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1268	ND		50	25	ug/Kg		11/27/24 12:46	11/30/24 19:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 120*	*11/27/24 12:46*	*11/30/24 19:55*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*20 - 120*	*11/27/24 12:46*	*11/30/24 19:55*	*1*

Lab Sample ID: LCS 570-508293/2-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508293

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			0.100	0.09407		mg/Kg		94	53 - 133		
Aroclor-1260			0.100	0.09292		mg/Kg		93	39 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*80*		*20 - 120*

Lab Sample ID: LCSD 570-508293/3-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508293

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			0.100	0.09955		mg/Kg		100	53 - 133	6	32
Aroclor-1260			0.100	0.09790		mg/Kg		98	39 - 140	5	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*90*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*87*		*20 - 120*

Lab Sample ID: 570-208722-20 MS
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: SB-16-0.5
Prep Type: Total/NA
Prep Batch: 508293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND	F1	0.110	0.1691		mg/Kg	☼	154	20 - 162		
Aroclor-1260	ND	F2	0.110	0.07350		mg/Kg	☼	67	20 - 155		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*57*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 120*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-208722-20 MSD
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: SB-16-0.5
Prep Type: Total/NA
Prep Batch: 508293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND	F1	0.110	0.2229	F1	mg/Kg	☼	203	20 - 162	27	40
Aroclor-1260	ND	F2	0.110	0.1466	F2	mg/Kg	☼	133	20 - 155	66	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*65*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*74*		*20 - 120*

Lab Sample ID: MB 570-508987/1-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508987

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1221	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1232	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1242	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1248	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1254	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1260	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1262	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1268	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*103*		*20 - 144*	*12/02/24 09:09*	*12/03/24 08:21*	*1*
DCB Decachlorobiphenyl (Surr)	*120*	*p*	*20 - 122*	*12/02/24 09:09*	*12/03/24 08:21*	*1*

Lab Sample ID: LCS 570-508987/4-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508987

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			0.800	0.9325		ug/L		117	20 - 165		
Aroclor-1260			0.800	0.8970		ug/L		112	42 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*101*		*20 - 144*
DCB Decachlorobiphenyl (Surr)	*118*		*20 - 122*

Lab Sample ID: LCSD 570-508987/5-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508987

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			0.800	0.9431		ug/L		118	20 - 165	1	30
Aroclor-1260			0.800	0.8902		ug/L		111	42 - 148	1	30

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 570-508987/5-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508987

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	102		20 - 144
DCB Decachlorobiphenyl (Surr)	115		20 - 122

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-509014/1-A ^2
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 509014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.53	1.63	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Barium	ND		1.68	0.248	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Beryllium	ND		0.337	0.0791	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Cadmium	ND		0.337	0.129	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Chromium	0.6061	J	0.842	0.447	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Cobalt	ND		1.68	0.359	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Copper	ND		1.68	0.479	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Molybdenum	ND		3.37	0.825	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Antimony	ND		8.42	4.76	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Nickel	ND		1.68	0.956	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Selenium	ND		2.53	1.32	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Silver	ND		1.68	0.358	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Thallium	ND		8.42	2.40	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Vanadium	ND		3.37	0.737	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Lead	ND		1.68	1.11	mg/Kg		12/02/24 09:46	12/03/24 13:40	2
Zinc	ND		3.37	1.37	mg/Kg		12/02/24 09:46	12/03/24 13:40	2

Lab Sample ID: LCS 570-509014/2-A ^2
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 509014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	218	221.6		mg/Kg		101	80 - 120
Barium	218	236.4		mg/Kg		108	80 - 120
Beryllium	218	225.5		mg/Kg		103	80 - 120
Cadmium	218	227.9		mg/Kg		104	80 - 120
Chromium	218	235.1		mg/Kg		108	80 - 120
Cobalt	218	232.7		mg/Kg		107	80 - 120
Copper	218	229.4		mg/Kg		105	80 - 120
Molybdenum	218	235.5		mg/Kg		108	80 - 120
Antimony	218	222.9		mg/Kg		102	80 - 120
Nickel	218	230.5		mg/Kg		106	80 - 120
Selenium	218	201.4		mg/Kg		92	80 - 120
Silver	109	115.0		mg/Kg		105	80 - 120
Thallium	218	226.8		mg/Kg		104	80 - 120
Vanadium	218	232.7		mg/Kg		107	80 - 120
Lead	218	233.1		mg/Kg		107	80 - 120
Zinc	218	225.3		mg/Kg		103	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-509014/3-A ^2
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 509014

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			219	217.0		mg/Kg		99	80 - 120	2	20
Barium			219	231.8		mg/Kg		106	80 - 120	2	20
Beryllium			219	221.3		mg/Kg		101	80 - 120	2	20
Cadmium			219	223.3		mg/Kg		102	80 - 120	2	20
Chromium			219	229.4		mg/Kg		105	80 - 120	2	20
Cobalt			219	227.9		mg/Kg		104	80 - 120	2	20
Copper			219	225.3		mg/Kg		103	80 - 120	2	20
Molybdenum			219	230.7		mg/Kg		105	80 - 120	2	20
Antimony			219	220.2		mg/Kg		101	80 - 120	1	20
Nickel			219	225.3		mg/Kg		103	80 - 120	2	20
Selenium			219	197.5		mg/Kg		90	80 - 120	2	20
Silver			109	112.8		mg/Kg		103	80 - 120	2	20
Thallium			219	222.6		mg/Kg		102	80 - 120	2	20
Vanadium			219	228.3		mg/Kg		104	80 - 120	2	20
Lead			219	229.6		mg/Kg		105	80 - 120	2	20
Zinc			219	220.7		mg/Kg		101	80 - 120	2	20

Lab Sample ID: 570-208722-1 MS
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: SB-5-0.5
Prep Type: Total/NA
Prep Batch: 509014

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2.41	J	198	185.7		mg/Kg	☼	93	75 - 125
Barium	38.0		198	239.6		mg/Kg	☼	102	75 - 125
Beryllium	ND		198	184.1		mg/Kg	☼	93	75 - 125
Cadmium	0.430	J	198	186.3		mg/Kg	☼	94	75 - 125
Chromium	42.5	B	198	242.8		mg/Kg	☼	101	75 - 125
Cobalt	2.29	J	198	191.3		mg/Kg	☼	95	75 - 125
Copper	12.7		198	205.9		mg/Kg	☼	97	75 - 125
Molybdenum	ND		198	192.1		mg/Kg	☼	97	75 - 125
Antimony	ND		198	184.8		mg/Kg	☼	93	75 - 125
Nickel	20.6		198	209.9		mg/Kg	☼	96	75 - 125
Selenium	ND		198	167.5		mg/Kg	☼	85	75 - 125
Silver	ND		99.1	95.05		mg/Kg	☼	96	75 - 125
Thallium	ND		198	182.0		mg/Kg	☼	92	75 - 125
Vanadium	1400		198	1994	4	mg/Kg	☼	299	75 - 125
Lead	5.76		198	194.6		mg/Kg	☼	95	75 - 125
Zinc	67.1		198	257.8		mg/Kg	☼	96	75 - 125

Lab Sample ID: 570-208722-1 MSD
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: SB-5-0.5
Prep Type: Total/NA
Prep Batch: 509014

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	2.41	J	207	194.7		mg/Kg	☼	93	75 - 125	5	20
Barium	38.0		207	243.0		mg/Kg	☼	99	75 - 125	1	20
Beryllium	ND		207	193.5		mg/Kg	☼	94	75 - 125	5	20
Cadmium	0.430	J	207	195.6		mg/Kg	☼	94	75 - 125	5	20
Chromium	42.5	B	207	248.2		mg/Kg	☼	100	75 - 125	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-208722-1 MSD
Matrix: Solid
Analysis Batch: 509589

Client Sample ID: SB-5-0.5
Prep Type: Total/NA
Prep Batch: 509014

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	2.29	J	207	200.8		mg/Kg	☼	96	75 - 125	5	20
Copper	12.7		207	213.3		mg/Kg	☼	97	75 - 125	4	20
Molybdenum	ND		207	199.7		mg/Kg	☼	97	75 - 125	4	20
Antimony	ND		207	193.1		mg/Kg	☼	93	75 - 125	4	20
Nickel	20.6		207	218.2		mg/Kg	☼	96	75 - 125	4	20
Selenium	ND		207	177.4		mg/Kg	☼	86	75 - 125	6	20
Silver	ND		103	99.78		mg/Kg	☼	97	75 - 125	5	20
Thallium	ND		207	191.8		mg/Kg	☼	93	75 - 125	5	20
Vanadium	1400		207	1780	4	mg/Kg	☼	183	75 - 125	11	20
Lead	5.76		207	205.5		mg/Kg	☼	97	75 - 125	5	20
Zinc	67.1		207	264.1		mg/Kg	☼	95	75 - 125	2	20

Lab Sample ID: MB 570-508154/1-A
Matrix: Water
Analysis Batch: 508952

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 508154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND	^6+	100	19.9	ug/L		11/27/24 08:09	11/28/24 03:14	1
Barium	ND		10.0	1.11	ug/L		11/27/24 08:09	11/28/24 03:14	1
Beryllium	ND		10.0	1.27	ug/L		11/27/24 08:09	11/28/24 03:14	1
Cadmium	ND		10.0	0.620	ug/L		11/27/24 08:09	11/28/24 03:14	1
Chromium	ND		50.0	2.96	ug/L		11/27/24 08:09	11/28/24 03:14	1
Cobalt	ND		50.0	0.880	ug/L		11/27/24 08:09	11/28/24 03:14	1
Copper	ND		50.0	2.69	ug/L		11/27/24 08:09	11/28/24 03:14	1
Molybdenum	ND		50.0	3.91	ug/L		11/27/24 08:09	11/28/24 03:14	1
Antimony	ND		100	25.5	ug/L		11/27/24 08:09	11/28/24 03:14	1
Nickel	ND		50.0	3.07	ug/L		11/27/24 08:09	11/28/24 03:14	1
Selenium	ND		50.0	16.2	ug/L		11/27/24 08:09	11/28/24 03:14	1
Silver	ND		10.0	2.59	ug/L		11/27/24 08:09	11/28/24 03:14	1
Thallium	ND		50.0	9.96	ug/L		11/27/24 08:09	11/28/24 03:14	1
Vanadium	ND		10.0	2.39	ug/L		11/27/24 08:09	11/28/24 03:14	1
Lead	ND		50.0	5.27	ug/L		11/27/24 08:09	11/28/24 03:14	1
Zinc	ND		250	13.3	ug/L		11/27/24 08:09	11/28/24 03:14	1

Lab Sample ID: LCS 570-508154/2-A
Matrix: Water
Analysis Batch: 508952

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 508154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	500	495.6	^6+	ug/L		99	80 - 120
Barium	500	495.4		ug/L		99	80 - 120
Beryllium	500	492.7		ug/L		99	80 - 120
Cadmium	500	495.7		ug/L		99	80 - 120
Chromium	500	503.5		ug/L		101	80 - 120
Cobalt	500	494.3		ug/L		99	80 - 120
Copper	500	505.4		ug/L		101	80 - 120
Molybdenum	500	505.7		ug/L		101	80 - 120
Antimony	500	511.1		ug/L		102	80 - 120
Nickel	500	504.4		ug/L		101	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-508154/2-A
Matrix: Water
Analysis Batch: 508952

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 508154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	500	477.0		ug/L		95	80 - 120
Silver	250	247.8		ug/L		99	80 - 120
Thallium	500	494.6		ug/L		99	80 - 120
Vanadium	500	494.5		ug/L		99	80 - 120
Lead	500	497.4		ug/L		99	80 - 120
Zinc	500	496.3		ug/L		99	80 - 120

Lab Sample ID: LCSD 570-508154/3-A
Matrix: Water
Analysis Batch: 508952

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 508154

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	500	503.0	^6+	ug/L		101	80 - 120	1	20
Barium	500	499.7		ug/L		100	80 - 120	1	20
Beryllium	500	496.7		ug/L		99	80 - 120	1	20
Cadmium	500	497.8		ug/L		100	80 - 120	0	20
Chromium	500	508.2		ug/L		102	80 - 120	1	20
Cobalt	500	499.4		ug/L		100	80 - 120	1	20
Copper	500	511.0		ug/L		102	80 - 120	1	20
Molybdenum	500	507.2		ug/L		101	80 - 120	0	20
Antimony	500	515.8		ug/L		103	80 - 120	1	20
Nickel	500	505.8		ug/L		101	80 - 120	0	20
Selenium	500	486.5		ug/L		97	80 - 120	2	20
Silver	250	249.5		ug/L		100	80 - 120	1	20
Thallium	500	504.1		ug/L		101	80 - 120	2	20
Vanadium	500	499.3		ug/L		100	80 - 120	1	20
Lead	500	500.4		ug/L		100	80 - 120	1	20
Zinc	500	568.9		ug/L		114	80 - 120	14	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-508299/1-A
Matrix: Water
Analysis Batch: 509662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		11/27/24 13:06	12/03/24 19:53	1

Lab Sample ID: LCS 570-508299/2-A
Matrix: Water
Analysis Batch: 509662

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	8.00	7.536		ug/L		94	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-508299/3-A
Matrix: Water
Analysis Batch: 509662
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508299

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			8.00	8.163		ug/L		102	80 - 120	8	10

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-508151/1-A
Matrix: Solid
Analysis Batch: 508419
Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817	0.0225	mg/Kg		11/27/24 07:44	11/27/24 15:16	1

Lab Sample ID: LCS 570-508151/2-A
Matrix: Solid
Analysis Batch: 508419
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508151

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.400	0.4504		mg/Kg		113	80 - 120		

Lab Sample ID: LCSD 570-508151/3-A
Matrix: Solid
Analysis Batch: 508400
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508151

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.426	0.4653		mg/Kg		109	80 - 120	3	10

Lab Sample ID: 570-208722-1 MS
Matrix: Solid
Analysis Batch: 508419
Client Sample ID: SB-5-0.5
Prep Type: Total/NA
Prep Batch: 508151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.0993		0.417	0.5052		mg/Kg	☼	97	80 - 120		

Lab Sample ID: 570-208722-1 MSD
Matrix: Solid
Analysis Batch: 508419
Client Sample ID: SB-5-0.5
Prep Type: Total/NA
Prep Batch: 508151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0993		0.417	0.5262		mg/Kg	☼	102	80 - 120	4	20

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-508805/1
Matrix: Solid
Analysis Batch: 508805
Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/01/24 09:44	1

Method: Moisture - 2540 - Percent Moisture (Continued)

Lab Sample ID: 570-208722-1 DU
Matrix: Solid
Analysis Batch: 508805

Client Sample ID: SB-5-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.54			9.18		%				4	10

Lab Sample ID: 570-208722-11 DU
Matrix: Solid
Analysis Batch: 508805

Client Sample ID: SB-4-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	9.98			9.17		%				8	10

Lab Sample ID: MB 570-508846/1
Matrix: Solid
Analysis Batch: 508846

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/01/24 13:24	1

Lab Sample ID: 570-208722-21 DU
Matrix: Solid
Analysis Batch: 508846

Client Sample ID: SB-16-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	14.7			14.5		%				2	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-510087/7
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	20.0	24.36		ug/L	122	80 - 122	73 - 129	
1,1,1-Trichloroethane	20.0	23.41		ug/L	117	78 - 125	70 - 133	
1,1,2,2-Tetrachloroethane	20.0	19.88		ug/L	99	79 - 127	71 - 135	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.11		ug/L	111	72 - 138	61 - 149	
1,1,2-Trichloroethane	20.0	21.42		ug/L	107	80 - 124	73 - 131	
1,1-Dichloroethane	20.0	21.78		ug/L	109	80 - 127	72 - 135	
1,1-Dichloroethene	20.0	23.48		ug/L	117	80 - 133	71 - 142	
1,1-Dichloropropene	20.0	21.94		ug/L	110	79 - 126	71 - 134	
1,2,3-Trichlorobenzene	20.0	22.89		ug/L	114	79 - 128	71 - 136	
1,2,3-Trichloropropane	20.0	22.03		ug/L	110	71 - 128	62 - 138	
1,2,4-Trichlorobenzene	20.0	24.62		ug/L	123	77 - 126	69 - 134	
1,2,4-Trimethylbenzene	20.0	24.15		ug/L	121	80 - 121	73 - 128	
1,2-Dibromo-3-Chloropropane	20.0	19.49		ug/L	97	66 - 122	57 - 131	
1,2-Dibromoethane	20.0	22.28		ug/L	111	80 - 120	73 - 127	
1,2-Dichlorobenzene	20.0	22.06		ug/L	110	80 - 121	73 - 128	
1,2-Dichloroethane	20.0	24.52	*+ me	ug/L	123	77 - 122	70 - 130	ME
1,2-Dichloropropane	20.0	21.60		ug/L	108	80 - 122	73 - 129	
1,3,5-Trimethylbenzene	20.0	25.13	*+ me	ug/L	126	80 - 123	73 - 130	ME
1,3-Dichlorobenzene	20.0	22.23		ug/L	111	80 - 120	73 - 127	
1,3-Dichloropropane	20.0	22.25		ug/L	111	80 - 121	73 - 128	
1,4-Dichlorobenzene	20.0	21.88		ug/L	109	80 - 120	73 - 127	
2,2-Dichloropropane	20.0	25.01		ug/L	125	68 - 143	56 - 156	
2-Butanone (MEK)	20.0	20.83		ug/L	104	61 - 139	48 - 152	
2-Chlorotoluene	20.0	23.85		ug/L	119	80 - 121	73 - 128	
2-Hexanone	20.0	23.00		ug/L	115	63 - 134	51 - 146	
4-Chlorotoluene	20.0	23.16		ug/L	116	80 - 121	73 - 128	
4-Methyl-2-pentanone (MIBK)	20.0	18.28		ug/L	91	67 - 125	57 - 135	
Acetone	20.0	21.13		ug/L	106	45 - 150	28 - 168	
Benzene	20.0	21.99		ug/L	110	80 - 121	73 - 128	
Bromobenzene	20.0	23.54		ug/L	118	80 - 120	73 - 127	
Bromochloromethane	20.0	21.88		ug/L	109	80 - 121	73 - 128	
Bromodichloromethane	20.0	23.37		ug/L	117	80 - 121	73 - 128	
Bromoform	20.0	22.11		ug/L	111	78 - 124	70 - 132	
Bromomethane	20.0	19.11	J	ug/L	96	48 - 156	30 - 174	
cis-1,2-Dichloroethene	20.0	20.76		ug/L	104	80 - 125	73 - 133	
cis-1,3-Dichloropropene	20.0	22.82		ug/L	114	80 - 120	73 - 127	
Carbon disulfide	20.0	20.44		ug/L	102	76 - 129	67 - 138	
Carbon tetrachloride	20.0	24.06		ug/L	120	71 - 137	60 - 148	
Chlorobenzene	20.0	22.47		ug/L	112	80 - 120	73 - 127	
Chloroethane	20.0	22.80		ug/L	114	73 - 138	62 - 149	
Chloroform	20.0	21.70		ug/L	109	80 - 121	73 - 128	
Chloromethane	20.0	19.28		ug/L	96	57 - 138	44 - 152	
Dibromochloromethane	20.0	21.83		ug/L	109	80 - 126	72 - 134	
Dibromomethane	20.0	23.66		ug/L	118	80 - 120	73 - 127	
Dichlorodifluoromethane	20.0	22.08		ug/L	110	44 - 148	27 - 165	
Di-isopropyl ether (DIPE)	20.0	22.09		ug/L	110	75 - 134	65 - 144	
Ethanol	200	228.7		ug/L	114	50 - 168	30 - 188	
Ethylbenzene	20.0	23.01		ug/L	115	80 - 121	73 - 128	
Ethyl-t-butyl ether (ETBE)	20.0	21.30		ug/L	106	80 - 124	73 - 131	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510087/7
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Isopropylbenzene	20.0	24.38	*+ me	ug/L	122	80 - 121	73 - 128	ME
Methylene Chloride	20.0	19.27		ug/L	96	80 - 121	73 - 128	
Methyl-t-Butyl Ether (MTBE)	20.0	21.90		ug/L	110	78 - 123	71 - 131	
Naphthalene	20.0	18.29		ug/L	91	65 - 133	54 - 144	
n-Butylbenzene	20.0	23.53		ug/L	118	80 - 125	73 - 133	
N-Propylbenzene	20.0	23.87		ug/L	119	80 - 125	73 - 133	
o-Xylene	20.0	24.52	*+ me	ug/L	123	80 - 122	73 - 129	ME
m,p-Xylene	40.0	48.47		ug/L	121	80 - 123	73 - 130	
p-Isopropyltoluene	20.0	23.19		ug/L	116	80 - 124	73 - 131	
sec-Butylbenzene	20.0	23.08		ug/L	115	80 - 122	73 - 129	
Styrene	20.0	23.49		ug/L	117	80 - 120	73 - 127	
trans-1,2-Dichloroethene	20.0	21.20		ug/L	106	80 - 122	73 - 129	
trans-1,3-Dichloropropene	20.0	23.82		ug/L	119	80 - 125	73 - 133	
Tert-amyl-methyl ether (TAME)	20.0	22.48		ug/L	112	74 - 125	66 - 134	
tert-Butyl alcohol (TBA)	100	101.0		ug/L	101	70 - 141	58 - 153	
tert-Butylbenzene	20.0	23.50		ug/L	118	80 - 122	73 - 129	
Tetrachloroethene	20.0	23.86		ug/L	119	80 - 122	73 - 129	
Toluene	20.0	22.09		ug/L	110	80 - 120	73 - 127	
Trichloroethene	20.0	22.95		ug/L	115	80 - 120	73 - 127	
Trichlorofluoromethane	20.0	24.83		ug/L	124	67 - 142	55 - 155	
Vinyl acetate	20.0	17.02		ug/L	85	62 - 140	49 - 153	
Vinyl chloride	20.0	20.04		ug/L	100	66 - 136	54 - 148	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	4

ME = Marginal Exceedance

GC/MS VOA

Analysis Batch: 507936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	8260B	507997
570-208722-7	SB-6-1.5	Total/NA	Solid	8260B	507997
570-208722-8	SB-6-2.0	Total/NA	Solid	8260B	507997
570-208722-15	SB-8-0.5	Total/NA	Solid	8260B	507997
570-208722-16	SB-8-2.0	Total/NA	Solid	8260B	507997
570-208722-18	SB-6-5.0	Total/NA	Solid	8260B	507997
570-208722-19	SB-8-5.0	Total/NA	Solid	8260B	507997
MB 570-507936/5	Method Blank	Total/NA	Solid	8260B	
MB 570-507936/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-507936/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-507936/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 507997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	5035	
570-208722-4	SB-2-2.0	Total/NA	Solid	5035	
570-208722-7	SB-6-1.5	Total/NA	Solid	5035	
570-208722-8	SB-6-2.0	Total/NA	Solid	5035	
570-208722-15	SB-8-0.5	Total/NA	Solid	5035	
570-208722-16	SB-8-2.0	Total/NA	Solid	5035	
570-208722-17	SB-2-5.0	Total/NA	Solid	5035	
570-208722-18	SB-6-5.0	Total/NA	Solid	5035	
570-208722-19	SB-8-5.0	Total/NA	Solid	5035	

Analysis Batch: 508126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-4	SB-2-2.0	Total/NA	Solid	8260B	507997
570-208722-17	SB-2-5.0	Total/NA	Solid	8260B	507997
MB 570-508126/6	Method Blank	Total/NA	Solid	8260B	
MB 570-508126/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-508126/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-508126/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 510087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	8260B	
570-208722-27	TB-1-1125	Total/NA	Water	8260B	
MB 570-510087/5	Method Blank	Total/NA	Water	8260B	
LCS 570-510087/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-510087/7	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 508245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	3546	
570-208722-4	SB-2-2.0	Total/NA	Solid	3546	
570-208722-7	SB-6-1.5	Total/NA	Solid	3546	
570-208722-8	SB-6-2.0	Total/NA	Solid	3546	
570-208722-15	SB-8-0.5	Total/NA	Solid	3546	
570-208722-16	SB-8-2.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 508245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-17	SB-2-5.0	Total/NA	Solid	3546	
570-208722-18	SB-6-5.0	Total/NA	Solid	3546	
570-208722-19	SB-8-5.0	Total/NA	Solid	3546	
MB 570-508245/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508245/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508245/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 508281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	3546	
570-208722-4	SB-2-2.0	Total/NA	Solid	3546	
570-208722-7	SB-6-1.5	Total/NA	Solid	3546	
570-208722-8	SB-6-2.0	Total/NA	Solid	3546	
570-208722-15	SB-8-0.5	Total/NA	Solid	3546	
570-208722-16	SB-8-2.0	Total/NA	Solid	3546	
570-208722-17	SB-2-5.0	Total/NA	Solid	3546	
570-208722-18	SB-6-5.0	Total/NA	Solid	3546	
570-208722-19	SB-8-5.0	Total/NA	Solid	3546	
MB 570-508281/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508281/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508281/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-208722-19 MS	SB-8-5.0	Total/NA	Solid	3546	
570-208722-19 MSD	SB-8-5.0	Total/NA	Solid	3546	

Analysis Batch: 508983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	8270C SIM	508245
570-208722-4	SB-2-2.0	Total/NA	Solid	8270C SIM	508245
570-208722-7	SB-6-1.5	Total/NA	Solid	8270C SIM	508245
570-208722-8	SB-6-2.0	Total/NA	Solid	8270C SIM	508245
570-208722-15	SB-8-0.5	Total/NA	Solid	8270C SIM	508245
570-208722-16	SB-8-2.0	Total/NA	Solid	8270C SIM	508245
570-208722-17	SB-2-5.0	Total/NA	Solid	8270C SIM	508245
570-208722-18	SB-6-5.0	Total/NA	Solid	8270C SIM	508245
570-208722-19	SB-8-5.0	Total/NA	Solid	8270C SIM	508245
MB 570-508245/1-A	Method Blank	Total/NA	Solid	8270C SIM	508245
LCS 570-508245/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	508245
LCSD 570-508245/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	508245

Analysis Batch: 509232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	8270C	508281
570-208722-4	SB-2-2.0	Total/NA	Solid	8270C	508281
570-208722-7	SB-6-1.5	Total/NA	Solid	8270C	508281
570-208722-8	SB-6-2.0	Total/NA	Solid	8270C	508281
570-208722-15	SB-8-0.5	Total/NA	Solid	8270C	508281
570-208722-16	SB-8-2.0	Total/NA	Solid	8270C	508281
570-208722-17	SB-2-5.0	Total/NA	Solid	8270C	508281
570-208722-18	SB-6-5.0	Total/NA	Solid	8270C	508281
570-208722-19	SB-8-5.0	Total/NA	Solid	8270C	508281
MB 570-508281/1-A	Method Blank	Total/NA	Solid	8270C	508281

GC/MS Semi VOA (Continued)

Analysis Batch: 509232 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-508281/2-A	Lab Control Sample	Total/NA	Solid	8270C	508281
LCSD 570-508281/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	508281
570-208722-19 MS	SB-8-5.0	Total/NA	Solid	8270C	508281
570-208722-19 MSD	SB-8-5.0	Total/NA	Solid	8270C	508281

GC VOA

Prep Batch: 507997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	5035	
570-208722-4	SB-2-2.0	Total/NA	Solid	5035	
570-208722-7	SB-6-1.5	Total/NA	Solid	5035	
570-208722-8	SB-6-2.0	Total/NA	Solid	5035	
570-208722-15	SB-8-0.5	Total/NA	Solid	5035	
570-208722-16	SB-8-2.0	Total/NA	Solid	5035	
570-208722-17	SB-2-5.0	Total/NA	Solid	5035	
570-208722-18	SB-6-5.0	Total/NA	Solid	5035	
570-208722-19	SB-8-5.0	Total/NA	Solid	5035	

Analysis Batch: 509491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	8015B	507997
570-208722-4	SB-2-2.0	Total/NA	Solid	8015B	507997
570-208722-7	SB-6-1.5	Total/NA	Solid	8015B	507997
570-208722-8	SB-6-2.0	Total/NA	Solid	8015B	507997
570-208722-18	SB-6-5.0	Total/NA	Solid	8015B	507997
570-208722-19	SB-8-5.0	Total/NA	Solid	8015B	507997
MB 570-509491/5	Method Blank	Total/NA	Solid	8015B	
MB 570-509491/6	Method Blank	Total/NA	Solid	8015B	
LCS 570-509491/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-509491/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 509734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	Total/NA	Solid	8015B	507997
570-208722-17	SB-2-5.0	Total/NA	Solid	8015B	507997
MB 570-509734/33	Method Blank	Total/NA	Solid	8015B	
LCS 570-509734/31	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-509734/32	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 509976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-16	SB-8-2.0	Total/NA	Solid	8015B	507997
MB 570-509976/60	Method Blank	Total/NA	Solid	8015B	
MB 570-509976/61	Method Blank	Total/NA	Solid	8015B	
LCS 570-509976/58	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-509976/59	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 510210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	8015B	

GC VOA (Continued)

Analysis Batch: 510210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-510210/35	Method Blank	Total/NA	Water	8015B	
LCS 570-510210/33	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-510210/34	Lab Control Sample Dup	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 508293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-20	SB-16-0.5	Total/NA	Solid	3546	
570-208722-21	SB-16-2.0	Total/NA	Solid	3546	
570-208722-22	SB-15-0.5	Total/NA	Solid	3546	
570-208722-23	SB-15-2.0	Total/NA	Solid	3546	
570-208722-24	SB-14-0.5	Total/NA	Solid	3546	
570-208722-25	SB-14-2.0	Total/NA	Solid	3546	
MB 570-508293/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508293/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508293/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-208722-20 MS	SB-16-0.5	Total/NA	Solid	3546	
570-208722-20 MSD	SB-16-0.5	Total/NA	Solid	3546	

Prep Batch: 508716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	3550C	
570-208722-4	SB-2-2.0	Total/NA	Solid	3550C	
570-208722-7	SB-6-1.5	Total/NA	Solid	3550C	
570-208722-8	SB-6-2.0	Total/NA	Solid	3550C	
570-208722-15	SB-8-0.5	Total/NA	Solid	3550C	
570-208722-16	SB-8-2.0	Total/NA	Solid	3550C	
570-208722-17	SB-2-5.0	Total/NA	Solid	3550C	
570-208722-18	SB-6-5.0	Total/NA	Solid	3550C	
570-208722-19	SB-8-5.0	Total/NA	Solid	3550C	
MB 570-508716/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-508716/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-508716/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 508726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-3	SB-2-0.5	Total/NA	Solid	8015B	508716
570-208722-4	SB-2-2.0	Total/NA	Solid	8015B	508716
570-208722-7	SB-6-1.5	Total/NA	Solid	8015B	508716
570-208722-8	SB-6-2.0	Total/NA	Solid	8015B	508716
570-208722-15	SB-8-0.5	Total/NA	Solid	8015B	508716
570-208722-16	SB-8-2.0	Total/NA	Solid	8015B	508716
570-208722-17	SB-2-5.0	Total/NA	Solid	8015B	508716
570-208722-18	SB-6-5.0	Total/NA	Solid	8015B	508716
570-208722-19	SB-8-5.0	Total/NA	Solid	8015B	508716
MB 570-508716/1-A	Method Blank	Total/NA	Solid	8015B	508716
LCS 570-508716/2-A	Lab Control Sample	Total/NA	Solid	8015B	508716
LCSD 570-508716/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	508716

GC Semi VOA

Analysis Batch: 508733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-20	SB-16-0.5	Total/NA	Solid	8082	508293
MB 570-508293/1-A	Method Blank	Total/NA	Solid	8082	508293
LCS 570-508293/2-A	Lab Control Sample	Total/NA	Solid	8082	508293
LCSD 570-508293/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	508293
570-208722-20 MS	SB-16-0.5	Total/NA	Solid	8082	508293
570-208722-20 MSD	SB-16-0.5	Total/NA	Solid	8082	508293

Prep Batch: 508814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	3510C	
MB 570-508814/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-508814/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-508814/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 508987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	3510C	
MB 570-508987/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-508987/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-508987/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 509049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-21	SB-16-2.0	Total/NA	Solid	8082	508293
570-208722-22	SB-15-0.5	Total/NA	Solid	8082	508293
570-208722-23	SB-15-2.0	Total/NA	Solid	8082	508293
570-208722-24	SB-14-0.5	Total/NA	Solid	8082	508293
570-208722-25	SB-14-2.0	Total/NA	Solid	8082	508293

Analysis Batch: 509242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	8082	508987
MB 570-508987/1-A	Method Blank	Total/NA	Water	8082	508987
LCS 570-508987/4-A	Lab Control Sample	Total/NA	Water	8082	508987
LCSD 570-508987/5-A	Lab Control Sample Dup	Total/NA	Water	8082	508987

Analysis Batch: 509407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	8015B	508814
MB 570-508814/1-A	Method Blank	Total/NA	Water	8015B	508814
LCS 570-508814/2-A	Lab Control Sample	Total/NA	Water	8015B	508814
LCSD 570-508814/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	508814

Metals

Prep Batch: 508151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	Total/NA	Solid	7471A	
570-208722-2	SB-5-2.0	Total/NA	Solid	7471A	
570-208722-3	SB-2-0.5	Total/NA	Solid	7471A	
570-208722-4	SB-2-2.0	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 508151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-5	SB-1-1.5	Total/NA	Solid	7471A	
570-208722-6	SB-1-2.5	Total/NA	Solid	7471A	
570-208722-7	SB-6-1.5	Total/NA	Solid	7471A	
570-208722-8	SB-6-2.0	Total/NA	Solid	7471A	
570-208722-9	SB-3-0.5	Total/NA	Solid	7471A	
570-208722-10	SB-3-2.0	Total/NA	Solid	7471A	
570-208722-11	SB-4-0.5	Total/NA	Solid	7471A	
570-208722-12	SB-4-2.0	Total/NA	Solid	7471A	
570-208722-13	SB-7-0.5	Total/NA	Solid	7471A	
570-208722-14	SB-7-2.0	Total/NA	Solid	7471A	
570-208722-15	SB-8-0.5	Total/NA	Solid	7471A	
570-208722-16	SB-8-2.0	Total/NA	Solid	7471A	
570-208722-17	SB-2-5.0	Total/NA	Solid	7471A	
570-208722-18	SB-6-5.0	Total/NA	Solid	7471A	
570-208722-19	SB-8-5.0	Total/NA	Solid	7471A	
MB 570-508151/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-508151/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-508151/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-208722-1 MS	SB-5-0.5	Total/NA	Solid	7471A	
570-208722-1 MSD	SB-5-0.5	Total/NA	Solid	7471A	

Prep Batch: 508154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	3005A	
MB 570-508154/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-508154/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-508154/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 508299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	7470A	
MB 570-508299/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-508299/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-508299/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 508400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-6	SB-1-2.5	Total/NA	Solid	7471A	508151
570-208722-7	SB-6-1.5	Total/NA	Solid	7471A	508151
570-208722-8	SB-6-2.0	Total/NA	Solid	7471A	508151
570-208722-9	SB-3-0.5	Total/NA	Solid	7471A	508151
570-208722-10	SB-3-2.0	Total/NA	Solid	7471A	508151
570-208722-11	SB-4-0.5	Total/NA	Solid	7471A	508151
570-208722-12	SB-4-2.0	Total/NA	Solid	7471A	508151
570-208722-13	SB-7-0.5	Total/NA	Solid	7471A	508151
570-208722-14	SB-7-2.0	Total/NA	Solid	7471A	508151
570-208722-15	SB-8-0.5	Total/NA	Solid	7471A	508151
570-208722-16	SB-8-2.0	Total/NA	Solid	7471A	508151
570-208722-17	SB-2-5.0	Total/NA	Solid	7471A	508151
570-208722-18	SB-6-5.0	Total/NA	Solid	7471A	508151
570-208722-19	SB-8-5.0	Total/NA	Solid	7471A	508151

Metals (Continued)

Analysis Batch: 508400 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-508151/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	508151

Analysis Batch: 508419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	Total/NA	Solid	7471A	508151
570-208722-2	SB-5-2.0	Total/NA	Solid	7471A	508151
570-208722-3	SB-2-0.5	Total/NA	Solid	7471A	508151
570-208722-4	SB-2-2.0	Total/NA	Solid	7471A	508151
570-208722-5	SB-1-1.5	Total/NA	Solid	7471A	508151
MB 570-508151/1-A	Method Blank	Total/NA	Solid	7471A	508151
LCS 570-508151/2-A	Lab Control Sample	Total/NA	Solid	7471A	508151
570-208722-1 MS	SB-5-0.5	Total/NA	Solid	7471A	508151
570-208722-1 MSD	SB-5-0.5	Total/NA	Solid	7471A	508151

Analysis Batch: 508952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	6010B	508154
MB 570-508154/1-A	Method Blank	Total Recoverable	Water	6010B	508154
LCS 570-508154/2-A	Lab Control Sample	Total Recoverable	Water	6010B	508154
LCSD 570-508154/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	508154

Prep Batch: 509014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	Total/NA	Solid	3051A	
570-208722-2	SB-5-2.0	Total/NA	Solid	3051A	
570-208722-3	SB-2-0.5	Total/NA	Solid	3051A	
570-208722-4	SB-2-2.0	Total/NA	Solid	3051A	
570-208722-5	SB-1-1.5	Total/NA	Solid	3051A	
570-208722-6	SB-1-2.5	Total/NA	Solid	3051A	
570-208722-7	SB-6-1.5	Total/NA	Solid	3051A	
570-208722-8	SB-6-2.0	Total/NA	Solid	3051A	
570-208722-9	SB-3-0.5	Total/NA	Solid	3051A	
570-208722-10	SB-3-2.0	Total/NA	Solid	3051A	
570-208722-11	SB-4-0.5	Total/NA	Solid	3051A	
570-208722-12	SB-4-2.0	Total/NA	Solid	3051A	
570-208722-13	SB-7-0.5	Total/NA	Solid	3051A	
570-208722-14	SB-7-2.0	Total/NA	Solid	3051A	
570-208722-15	SB-8-0.5	Total/NA	Solid	3051A	
570-208722-16	SB-8-2.0	Total/NA	Solid	3051A	
570-208722-17	SB-2-5.0	Total/NA	Solid	3051A	
570-208722-18	SB-6-5.0	Total/NA	Solid	3051A	
570-208722-19	SB-8-5.0	Total/NA	Solid	3051A	
MB 570-509014/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-509014/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-509014/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-208722-1 MS	SB-5-0.5	Total/NA	Solid	3051A	
570-208722-1 MSD	SB-5-0.5	Total/NA	Solid	3051A	

Analysis Batch: 509589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	Total/NA	Solid	6010B	509014

Metals (Continued)

Analysis Batch: 509589 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-2	SB-5-2.0	Total/NA	Solid	6010B	509014
570-208722-3	SB-2-0.5	Total/NA	Solid	6010B	509014
570-208722-4	SB-2-2.0	Total/NA	Solid	6010B	509014
570-208722-5	SB-1-1.5	Total/NA	Solid	6010B	509014
570-208722-6	SB-1-2.5	Total/NA	Solid	6010B	509014
570-208722-7	SB-6-1.5	Total/NA	Solid	6010B	509014
570-208722-8	SB-6-2.0	Total/NA	Solid	6010B	509014
MB 570-509014/1-A ^2	Method Blank	Total/NA	Solid	6010B	509014
LCS 570-509014/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	509014
LCSD 570-509014/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	509014
570-208722-1 MS	SB-5-0.5	Total/NA	Solid	6010B	509014
570-208722-1 MSD	SB-5-0.5	Total/NA	Solid	6010B	509014

Analysis Batch: 509632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-9	SB-3-0.5	Total/NA	Solid	6010B	509014
570-208722-10	SB-3-2.0	Total/NA	Solid	6010B	509014
570-208722-11	SB-4-0.5	Total/NA	Solid	6010B	509014
570-208722-12	SB-4-2.0	Total/NA	Solid	6010B	509014
570-208722-13	SB-7-0.5	Total/NA	Solid	6010B	509014
570-208722-14	SB-7-2.0	Total/NA	Solid	6010B	509014
570-208722-15	SB-8-0.5	Total/NA	Solid	6010B	509014
570-208722-16	SB-8-2.0	Total/NA	Solid	6010B	509014
570-208722-17	SB-2-5.0	Total/NA	Solid	6010B	509014
570-208722-18	SB-6-5.0	Total/NA	Solid	6010B	509014
570-208722-19	SB-8-5.0	Total/NA	Solid	6010B	509014

Analysis Batch: 509662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-508299/1-A	Method Blank	Total/NA	Water	7470A	508299
LCS 570-508299/2-A	Lab Control Sample	Total/NA	Water	7470A	508299
LCSD 570-508299/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	508299

Analysis Batch: 510160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-26	EB-1-1125	Total/NA	Water	7470A	508299

General Chemistry

Analysis Batch: 508805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-2	SB-5-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-3	SB-2-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-4	SB-2-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-5	SB-1-1.5	Total/NA	Solid	Moisture - 2540	
570-208722-6	SB-1-2.5	Total/NA	Solid	Moisture - 2540	
570-208722-7	SB-6-1.5	Total/NA	Solid	Moisture - 2540	
570-208722-8	SB-6-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-9	SB-3-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-10	SB-3-2.0	Total/NA	Solid	Moisture - 2540	

General Chemistry (Continued)

Analysis Batch: 508805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-11	SB-4-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-12	SB-4-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-13	SB-7-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-14	SB-7-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-15	SB-8-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-16	SB-8-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-17	SB-2-5.0	Total/NA	Solid	Moisture - 2540	
570-208722-18	SB-6-5.0	Total/NA	Solid	Moisture - 2540	
570-208722-19	SB-8-5.0	Total/NA	Solid	Moisture - 2540	
570-208722-20	SB-16-0.5	Total/NA	Solid	Moisture - 2540	
MB 570-508805/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-208722-1 DU	SB-5-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-11 DU	SB-4-0.5	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 508846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-21	SB-16-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-22	SB-15-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-23	SB-15-2.0	Total/NA	Solid	Moisture - 2540	
570-208722-24	SB-14-0.5	Total/NA	Solid	Moisture - 2540	
570-208722-25	SB-14-2.0	Total/NA	Solid	Moisture - 2540	
MB 570-508846/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-208722-21 DU	SB-16-2.0	Total/NA	Solid	Moisture - 2540	

Client Sample ID: SB-5-0.5
Lab Sample ID: 570-208722-1
Date Collected: 11/25/24 09:26
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4625 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 13:49	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508419	11/27/24 15:41	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-5-2.0
Lab Sample ID: 570-208722-2
Date Collected: 11/25/24 09:38
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5442 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:08	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508419	11/27/24 15:49	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3
Date Collected: 11/25/24 09:55
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.646 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	507936	11/27/24 00:50	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.63 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		25	1 mL	1 mL	509232	12/03/24 01:45	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.10 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	508983	12/02/24 14:22	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.661 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	509491	12/03/24 21:38	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.07 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		5	10 mL	10 mL	508726	11/30/24 18:40	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5136 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:11	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3
Date Collected: 11/25/24 09:55
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.49 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508419	11/27/24 15:51	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-2-2.0
Lab Sample ID: 570-208722-4
Date Collected: 11/25/24 10:01
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.386 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	508126	11/27/24 12:39	U4JL	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.42 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 02:09	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.76 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 14:43	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.386 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	509491	12/03/24 21:14	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.15 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 19:07	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4626 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:13	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508419	11/27/24 15:53	BG9Y	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-1-1.5
Lab Sample ID: 570-208722-5
Date Collected: 11/25/24 10:14
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4795 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:15	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508419	11/27/24 15:55	BG9Y	EET CAL 4
	Instrument ID: HG7									

Client Sample ID: SB-1-1.5
Lab Sample ID: 570-208722-5
Date Collected: 11/25/24 10:14
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4

Client Sample ID: SB-1-2.5
Lab Sample ID: 570-208722-6
Date Collected: 11/25/24 10:21
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4373 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:18	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:03	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-6-1.5
Lab Sample ID: 570-208722-7
Date Collected: 11/25/24 10:33
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.431 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	507936	11/27/24 02:55	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.06 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	509232	12/03/24 02:32	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.07 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 15:05	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.431 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		100	5 mL	5 mL	509491	12/03/24 22:50	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.25 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 19:34	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4618 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:20	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:05	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-6-2.0
Lab Sample ID: 570-208722-8
Date Collected: 11/25/24 10:40
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.835 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		100	5 g	5 mL	507936	11/27/24 03:16	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.11 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 02:56	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.10 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 15:26	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.835 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		100	5 mL	5 mL	509491	12/03/24 23:14	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.22 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 20:01	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5923 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509589	12/03/24 14:22	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:07	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-3-0.5
Lab Sample ID: 570-208722-9
Date Collected: 11/25/24 10:51
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5389 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:32	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:09	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-3-2.0
Lab Sample ID: 570-208722-10
Date Collected: 11/25/24 10:59
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5205 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:34	P1R	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB-3-2.0
Lab Sample ID: 570-208722-10
Date Collected: 11/25/24 10:59
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.53 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:11	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-4-0.5
Lab Sample ID: 570-208722-11
Date Collected: 11/25/24 11:11
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4759 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:36	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:13	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-4-2.0
Lab Sample ID: 570-208722-12
Date Collected: 11/25/24 11:20
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4574 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:38	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:16	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-7-0.5
Lab Sample ID: 570-208722-13
Date Collected: 11/25/24 11:27
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4799 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:41	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:18	Y2WS	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB-7-0.5
Lab Sample ID: 570-208722-13
Date Collected: 11/25/24 11:27
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4

Client Sample ID: SB-7-2.0
Lab Sample ID: 570-208722-14
Date Collected: 11/25/24 11:34
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5592 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:43	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:20	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15
Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.572 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	507936	11/27/24 01:11	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.05 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		10	1 mL	1 mL	509232	12/03/24 03:19	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.12 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 15:47	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.662 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509734	12/04/24 02:03	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.08 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		5	10 mL	10 mL	508726	11/30/24 20:28	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4323 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:45	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:29	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-8-2.0
Lab Sample ID: 570-208722-16
Date Collected: 11/25/24 11:50
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.712 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	507936	11/27/24 03:37	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.03 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 03:42	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.28 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 16:08	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.942 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509976	12/04/24 13:56	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.16 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 20:55	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5397 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:48	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:31	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-2-5.0
Lab Sample ID: 570-208722-17
Date Collected: 11/25/24 13:28
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.459 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	508126	11/27/24 13:39	U4JL	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.00 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 04:06	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.16 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 16:30	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.095 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509734	12/04/24 02:27	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.36 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 21:22	E5RH	EET CAL 4
	Instrument ID: GC69A									

Client Sample ID: SB-2-5.0
Lab Sample ID: 570-208722-17
Date Collected: 11/25/24 13:28
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4558 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:50	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:33	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-6-5.0
Lab Sample ID: 570-208722-18
Date Collected: 11/25/24 13:47
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.437 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	507936	11/27/24 01:53	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.28 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 04:29	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.15 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 16:51	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			2.642 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509491	12/03/24 20:49	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.07 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 21:49	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4430 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 14:52	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:35	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-8-5.0
Lab Sample ID: 570-208722-19
Date Collected: 11/25/24 14:05
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.781 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	507936	11/27/24 02:13	NR	EET CAL 4
	Instrument ID: GCMSLL									

Client Sample ID: SB-8-5.0
Lab Sample ID: 570-208722-19
Date Collected: 11/25/24 14:05
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.64 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509232	12/03/24 01:22	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.61 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 17:12	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.515 g	5 mL	507997	11/26/24 18:56	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509491	12/03/24 19:37	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.22 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 22:15	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4430 g	50 mL	509014	12/02/24 09:46	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			509632	12/03/24 15:03	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	508151	11/27/24 07:44	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			508400	11/27/24 18:37	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-16-0.5
Lab Sample ID: 570-208722-20
Date Collected: 11/25/24 14:30
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.35 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	508733	11/30/24 21:30	P2HW	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508805	12/01/24 09:44	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-16-2.0
Lab Sample ID: 570-208722-21
Date Collected: 11/25/24 14:36
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.16 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 19:24	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-15-0.5
Lab Sample ID: 570-208722-22
Date Collected: 11/25/24 14:44
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.23 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 21:58	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-15-2.0
Lab Sample ID: 570-208722-23
Date Collected: 11/25/24 14:49
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.36 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 19:44	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-14-0.5
Lab Sample ID: 570-208722-24
Date Collected: 11/25/24 15:09
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.95 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 22:17	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-14-2.0
Lab Sample ID: 570-208722-25
Date Collected: 11/25/24 15:14
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.87 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 22:36	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB-1-1125
Lab Sample ID: 570-208722-26
Date Collected: 11/25/24 15:30
Matrix: Water
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510087	12/04/24 20:27	VYF4	EET CAL 4
	Instrument ID: GCMSQQ									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Client Sample ID: EB-1-1125
Lab Sample ID: 570-208722-26
Date Collected: 11/25/24 15:30
Matrix: Water
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	5 mL	5 mL	510210	12/05/24 10:53	A9VE	EET CAL 4
Total/NA	Prep	3510C			261.2 mL	2.5 mL	508814	12/01/24 11:00	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1			509407	12/03/24 18:27	NR	EET CAL 4
	Instrument ID: GC100B									
Total/NA	Prep	3510C			258.4 mL	1 mL	508987	12/02/24 09:09	OAJ3	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509242	12/03/24 09:36	P2HW	EET CAL 4
	Instrument ID: GC58									
Total/NA	Prep	3005A			50 mL	50 mL	508154	11/27/24 08:09	JP8N	EET CAL 4
Total/NA	Analysis	6010B		1			508952	11/28/24 03:53	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7470A			25 mL	50 mL	508299	11/27/24 13:06	VCN7	EET CAL 4
Total/NA	Analysis	7470A		1			510160	12/04/24 17:09	BG9Y	EET CAL 4
	Instrument ID: HG9									

Client Sample ID: TB-1-1125
Lab Sample ID: 570-208722-27
Date Collected: 11/25/24 15:20
Matrix: Water
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510087	12/04/24 20:48	VYF4	EET CAL 4
	Instrument ID: GCMSQQ									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-208722-1	SB-5-0.5	Solid	11/25/24 09:26	11/26/24 13:05
570-208722-2	SB-5-2.0	Solid	11/25/24 09:38	11/26/24 13:05
570-208722-3	SB-2-0.5	Solid	11/25/24 09:55	11/26/24 13:05
570-208722-4	SB-2-2.0	Solid	11/25/24 10:01	11/26/24 13:05
570-208722-5	SB-1-1.5	Solid	11/25/24 10:14	11/26/24 13:05
570-208722-6	SB-1-2.5	Solid	11/25/24 10:21	11/26/24 13:05
570-208722-7	SB-6-1.5	Solid	11/25/24 10:33	11/26/24 13:05
570-208722-8	SB-6-2.0	Solid	11/25/24 10:40	11/26/24 13:05
570-208722-9	SB-3-0.5	Solid	11/25/24 10:51	11/26/24 13:05
570-208722-10	SB-3-2.0	Solid	11/25/24 10:59	11/26/24 13:05
570-208722-11	SB-4-0.5	Solid	11/25/24 11:11	11/26/24 13:05
570-208722-12	SB-4-2.0	Solid	11/25/24 11:20	11/26/24 13:05
570-208722-13	SB-7-0.5	Solid	11/25/24 11:27	11/26/24 13:05
570-208722-14	SB-7-2.0	Solid	11/25/24 11:34	11/26/24 13:05
570-208722-15	SB-8-0.5	Solid	11/25/24 11:41	11/26/24 13:05
570-208722-16	SB-8-2.0	Solid	11/25/24 11:50	11/26/24 13:05
570-208722-17	SB-2-5.0	Solid	11/25/24 13:28	11/26/24 13:05
570-208722-18	SB-6-5.0	Solid	11/25/24 13:47	11/26/24 13:05
570-208722-19	SB-8-5.0	Solid	11/25/24 14:05	11/26/24 13:05
570-208722-20	SB-16-0.5	Solid	11/25/24 14:30	11/26/24 13:05
570-208722-21	SB-16-2.0	Solid	11/25/24 14:36	11/26/24 13:05
570-208722-22	SB-15-0.5	Solid	11/25/24 14:44	11/26/24 13:05
570-208722-23	SB-15-2.0	Solid	11/25/24 14:49	11/26/24 13:05
570-208722-24	SB-14-0.5	Solid	11/25/24 15:09	11/26/24 13:05
570-208722-25	SB-14-2.0	Solid	11/25/24 15:14	11/26/24 13:05
570-208722-26	EB-1-1125	Water	11/25/24 15:30	11/26/24 13:05
570-208722-27	TB-1-1125	Water	11/25/24 15:20	11/26/24 13:05

Loc: 570
208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LA, MO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB-5-0.5		11/25/24	0926	SOIL	1	X			X					
2	SB-5-2.0			0938		1									
3	SB-2-0.5			0955		6					X	X	X	X	
4	SB-2-2.0			1001		6					X	X	X	X	
5	SB-1-1.5			1014		1									
6	SB-1-2.5			1021		1									
7	SB-6-1.5			1033		6					X	X	X	X	
8	SB-6-2.0			1040		6					X	X	X	X	
9	SB-3-0.5			1051		1									
10	SB-3-2.0			1059		1									

570-208722 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
11126124 1145	Langan	11/26/24	11:45
Relinquished by: (Signature) Langan	Received by: (Signature/Affiliation) EC	Date: 11-26-24	Time: 13:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.2/2.2 0.7/1.7 SC14

2014-07-01 Revision

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB-4-0.5		11/25/24	1111	SOIL	1	X			X					
12	SB-4-2.0			1120		1				X					
13	SB-7-0.5			1127		1				X					
14	SB-7-2.0			1134		1				X					
15	SB-8-0.5			1141		6				X	X	X	X	X	
16	SB-8-2.0			1150		6				X	X	X	X	X	
17	SB-2-5.0			1328		6				X	X	X	X	X	
18	SB-6-5.0			1347		6				X	X	X	X	X	
19	SB-8-5.0			1405		6				X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
11/26/24 1145	Langan	11/26/24	1145
Relinquished by: (Signature) Langan	Received by: (Signature/Affiliation) EC	Date: 11-26-24	Time: 13:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
20	SB-16-0.5		11/25/24	1430	SOIL	1	X								X
21	SB-16-2.0			1436		1									X
22	SB-15-0.5			1444		1									X
23	SB-15-2.0			1449		1									X
24	SB-14-0.5			1509		1									X
25	SB-14-2.0			1514	↓	1									X
26	EB-1-1125			1530	H2O	5				X	X	X			X
27	TB-1-1125		↓	1520	H2O	3	↓					X			

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 1145
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-208722-1

Login Number: 208722
List Number: 1
Creator: Gonzalez, Juan

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/11/2024 11:54:49 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-208722-2

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

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Job Notes

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Authorization



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12/11/2024 11:54:49 AM

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-208722-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/26/2024 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.7°C and 2.2°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Client Sample ID: SB-5-0.5
Lab Sample ID: 570-208722-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	123		0.200	0.0478	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	34.3		0.200	0.0478	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB-6-1.5
Lab Sample ID: 570-208722-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	119		0.200	0.0478	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB-4-0.5
Lab Sample ID: 570-208722-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	33.0		0.200	0.0478	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	16.3		0.200	0.0478	mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SB-5-0.5
Lab Sample ID: 570-208722-1
Date Collected: 11/25/24 09:26
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	123		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:21	1

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3
Date Collected: 11/25/24 09:55
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	34.3		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:23	1

Client Sample ID: SB-6-1.5
Lab Sample ID: 570-208722-7
Date Collected: 11/25/24 10:33
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	119		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:36	1

Client Sample ID: SB-4-0.5
Lab Sample ID: 570-208722-11
Date Collected: 11/25/24 11:11
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	33.0		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:39	1

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15
Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	16.3		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:41	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-510861/1-C
Matrix: Solid
Analysis Batch: 512328

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 511699

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.200	0.0478	mg/L		12/09/24 13:11	12/10/24 13:03	1

Lab Sample ID: LCS 570-510861/2-C
Matrix: Solid
Analysis Batch: 512328

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 511699

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vanadium			20.0	16.38		mg/L		82	80 - 120		

Lab Sample ID: LCSD 570-510861/3-C
Matrix: Solid
Analysis Batch: 512328

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 511699

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium			20.0	16.36		mg/L		82	80 - 120	0	20

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Metals

Leach Batch: 510861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	STLC Citrate	Solid	CA WET Citrate	
570-208722-3	SB-2-0.5	STLC Citrate	Solid	CA WET Citrate	
570-208722-7	SB-6-1.5	STLC Citrate	Solid	CA WET Citrate	
570-208722-11	SB-4-0.5	STLC Citrate	Solid	CA WET Citrate	
570-208722-15	SB-8-0.5	STLC Citrate	Solid	CA WET Citrate	
LB 570-510861/1-C	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-510861/2-C	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-510861/3-C	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 511699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	STLC Citrate	Solid	Dilution	510861
570-208722-3	SB-2-0.5	STLC Citrate	Solid	Dilution	510861
570-208722-7	SB-6-1.5	STLC Citrate	Solid	Dilution	510861
570-208722-11	SB-4-0.5	STLC Citrate	Solid	Dilution	510861
570-208722-15	SB-8-0.5	STLC Citrate	Solid	Dilution	510861
LB 570-510861/1-C	Method Blank	STLC Citrate	Solid	Dilution	510861
LCS 570-510861/2-C	Lab Control Sample	STLC Citrate	Solid	Dilution	510861
LCSD 570-510861/3-C	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	510861

Analysis Batch: 512328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-1	SB-5-0.5	STLC Citrate	Solid	6010B	511699
570-208722-3	SB-2-0.5	STLC Citrate	Solid	6010B	511699
570-208722-7	SB-6-1.5	STLC Citrate	Solid	6010B	511699
570-208722-11	SB-4-0.5	STLC Citrate	Solid	6010B	511699
570-208722-15	SB-8-0.5	STLC Citrate	Solid	6010B	511699
LB 570-510861/1-C	Method Blank	STLC Citrate	Solid	6010B	511699
LCS 570-510861/2-C	Lab Control Sample	STLC Citrate	Solid	6010B	511699
LCSD 570-510861/3-C	Lab Control Sample Dup	STLC Citrate	Solid	6010B	511699

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Client Sample ID: SB-5-0.5
Lab Sample ID: 570-208722-1
Date Collected: 11/25/24 09:26
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.17 g	500 mL	510861	12/06/24 16:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	511699	12/09/24 13:11	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			512328	12/10/24 13:21	P1R	EET CAL 4
	Instrument ID:	ICP10								

Client Sample ID: SB-2-0.5
Lab Sample ID: 570-208722-3
Date Collected: 11/25/24 09:55
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.13 g	500 mL	510861	12/06/24 16:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	511699	12/09/24 13:11	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			512328	12/10/24 13:23	P1R	EET CAL 4
	Instrument ID:	ICP10								

Client Sample ID: SB-6-1.5
Lab Sample ID: 570-208722-7
Date Collected: 11/25/24 10:33
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.10 g	500 mL	510861	12/06/24 16:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	511699	12/09/24 13:11	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			512328	12/10/24 13:36	P1R	EET CAL 4
	Instrument ID:	ICP10								

Client Sample ID: SB-4-0.5
Lab Sample ID: 570-208722-11
Date Collected: 11/25/24 11:11
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.12 g	500 mL	510861	12/06/24 16:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	511699	12/09/24 13:11	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			512328	12/10/24 13:39	P1R	EET CAL 4
	Instrument ID:	ICP10								

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15
Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.13 g	500 mL	510861	12/06/24 16:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	511699	12/09/24 13:11	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			512328	12/10/24 13:41	P1R	EET CAL 4
	Instrument ID:	ICP10								

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-2
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-208722-1	SB-5-0.5	Solid	11/25/24 09:26	11/26/24 13:05
570-208722-3	SB-2-0.5	Solid	11/25/24 09:55	11/26/24 13:05
570-208722-7	SB-6-1.5	Solid	11/25/24 10:33	11/26/24 13:05
570-208722-11	SB-4-0.5	Solid	11/25/24 11:11	11/26/24 13:05
570-208722-15	SB-8-0.5	Solid	11/25/24 11:41	11/26/24 13:05

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Friday, December 6, 2024 10:03 AM
To: Vikas Patel; Cory Lavoie; Marco Ojeda; Megan Ritsema
Subject: RE: [External] Eurofins Calscience EDD and report files from 570-208722-1 700152701

Vik,

Can you run the waste extraction test to get the STLC for vanadium in the following samples?

SB-5-0.5
SB-2-0.5
SB-6-1.5
SB-4-0.5
SB-8-0.5

Thanks,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100

From: Vikas Patel <TALS@reports.et.eurofinsus.com>
Sent: Thursday, December 5, 2024 4:56 PM
To: Cory Lavoie <clavoie@langan.com>; Marco Ojeda <mojeda@langan.com>; Megan Ritsema <mritsema@langan.com>; Travis Knight <tknight@langan.com>
Subject: [External] Eurofins Calscience EDD and report files from 570-208722-1 700152701

Hello,

Attached please find the EDD and report files for job 570-208722-1; 700152701

The samples were received on 11/26/2024 01:05 PM.

Please feel free to contact me if you have any questions.

Thank you.

Vikas Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494

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Loc: 570
208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LA, MO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB-5-0.5		11/25/24	0926	SOIL	1	X			X					
2	SB-5-2.0			0938		1									
3	SB-2-0.5			0955		6					X	X	X	X	
4	SB-2-2.0			1001		6					X	X	X	X	
5	SB-1-1.5			1014		1									
6	SB-1-2.5			1021		1									
7	SB-6-1.5			1033		6					X	X	X	X	
8	SB-6-2.0			1040		6					X	X	X	X	
9	SB-3-0.5			1051		1									
10	SB-3-2.0			1059		1									

570-208722 Chain of Custody

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 11:45
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

1.2/2.2 0.7/1.7 SC14

2014-07-01 Revision

VJ61

12/11/2024

208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB-4-0.5		11/25/24	1111	SOIL	1	X			X					
12	SB-4-2.0			1120		1				X					
13	SB-7-0.5			1127		1				X					
14	SB-7-2.0			1134		1				X					
15	SB-8-0.5			1141		6				X	X	X	X	X	
16	SB-8-2.0			1150		6				X	X	X	X	X	
17	SB-2-5.0			1328		6				X	X	X	X	X	
18	SB-6-5.0			1347		6				X	X	X	X	X	
19	SB-8-5.0			1405		6				X	X	X	X	X	

Relinquished by: (Signature) 11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24	Time: 1145
Relinquished by: (Signature) Langan	Received by: (Signature/Affiliation) EC	Date: 11-26-24	Time: 13:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
20	SB-16-0.5		11/25/24	1430	SOIL	1	X								X
21	SB-16-2.0			1436		1									X
22	SB-15-0.5			1444		1									X
23	SB-15-2.0			1449		1									X
24	SB-14-0.5			1509		1									X
25	SB-14-2.0			1514	↓	1									X
26	EB-1-1125			1530	H2O	5				X	X	X			X
27	TB-1-1125		↓	1520	H2O	3	↓					X			

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 1145
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-208722-2

Login Number: 208722

List Source: Eurofins Calscience

List Number: 1

Creator: Gonzalez, Juan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/17/2024 11:57:37 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-208722-3

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
12/17/2024 11:57:37 AM

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Definitions/Glossary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-208722-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/26/2024 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.7°C and 2.2°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.599		0.100	0.00620	mg/L	1		6010B	TCLP
Cadmium	1.64		0.200	0.0124	mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) - TCLP

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15
Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.599		0.100	0.00620	mg/L		12/15/24 23:54	12/16/24 13:52	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15
Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	1.64		0.200	0.0124	mg/L		12/16/24 10:55	12/16/24 13:39	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-512583/1-E
Matrix: Solid
Analysis Batch: 514503

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 514196

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.100	0.00620	mg/L		12/15/24 23:54	12/16/24 13:17	1

Lab Sample ID: LCS 570-512583/2-E
Matrix: Solid
Analysis Batch: 514503

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 514196

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cadmium			2.00	2.008		mg/L		100	80 - 120		

Lab Sample ID: LCSD 570-512583/3-E
Matrix: Solid
Analysis Batch: 514503

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 514196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium			2.00	1.962		mg/L		98	80 - 120	2	20

Lab Sample ID: LB4 570-512566/1-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.200	0.0124	mg/L		12/16/24 10:55	12/16/24 12:50	1

Lab Sample ID: LCS 570-512566/2-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cadmium			20.0	18.36		mg/L		92	80 - 120		

Lab Sample ID: LCSD 570-512566/3-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium			20.0	18.14		mg/L		91	80 - 120	1	20

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-208722-3

Metals

Leach Batch: 512566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	STLC Citrate	Solid	CA WET Citrate	
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 512583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	TCLP	Solid	1311	
LB 570-512583/1-E	Method Blank	TCLP	Solid	1311	
LCS 570-512583/2-E	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-512583/3-E	Lab Control Sample Dup	TCLP	Solid	1311	

Prep Batch: 514196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	TCLP	Solid	3010A	512583
LB 570-512583/1-E	Method Blank	TCLP	Solid	3010A	512583
LCS 570-512583/2-E	Lab Control Sample	TCLP	Solid	3010A	512583
LCSD 570-512583/3-E	Lab Control Sample Dup	TCLP	Solid	3010A	512583

Prep Batch: 514375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	STLC Citrate	Solid	Dilution	512566
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	Dilution	512566
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	Dilution	512566
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	512566

Analysis Batch: 514503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	TCLP	Solid	6010B	514196
LB 570-512583/1-E	Method Blank	TCLP	Solid	6010B	514196
LCS 570-512583/2-E	Lab Control Sample	TCLP	Solid	6010B	514196
LCSD 570-512583/3-E	Lab Control Sample Dup	TCLP	Solid	6010B	514196

Analysis Batch: 514571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208722-15	SB-8-0.5	STLC Citrate	Solid	6010B	514375
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	6010B	514375
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	6010B	514375
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	6010B	514375

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Client Sample ID: SB-8-0.5
Lab Sample ID: 570-208722-15

Date Collected: 11/25/24 11:41
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.02 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	514375	12/16/24 10:55	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			514571	12/16/24 13:39	VZ0K	EET CAL 4
	Instrument ID: ICP10									
TCLP	Leach	1311			100.13 g	2000 mL	512583	12/11/24 10:09	D2TZ	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	514196	12/15/24 23:54	XBO9	EET CAL 4
TCLP	Analysis	6010B		1			514503	12/16/24 13:52	K1UV	EET CAL 4
	Instrument ID: ICP11									

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
1311	TCLP Extraction	SW846	EET CAL 4
3010A	Preparation, Total Metals	SW846	EET CAL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208722-3
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-208722-15	SB-8-0.5	Solid	11/25/24 11:41	11/26/24 13:05

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Wednesday, December 11, 2024 12:00 PM
To: Vikas Patel; Cory Lavoie; Marco Ojeda; Megan Ritsema
Subject: RE: [External] Eurofins Calscience EDD and report files from 570-208722-1 700152701

Vik,

Sorry, caught one more sample that we need additional analysis on. We need the STLC and TCLP for cadmium on sample SB-8-0.5. Can you run these tests as well?

Does Eurofins have a client portal for viewing and screening data? If something like that exists, it'll help us figure out which extra analysis we need sooner.

Thanks,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100
File Sharing Link
www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON
ATHENS CALGARY DUBAI LONDON PANAMA

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Loc: 570
208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LA, MO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB-5-0.5		11/25/24	0926	SOIL	1	X			X					
2	SB-5-2.0			0938		1									
3	SB-2-0.5			0955		6					X	X	X	X	
4	SB-2-2.0			1001		6					X	X	X	X	
5	SB-1-1.5			1014		1									
6	SB-1-2.5			1021		1									
7	SB-6-1.5			1033		6					X	X	X	X	
8	SB-6-2.0			1040		6					X	X	X	X	
9	SB-3-0.5			1051		1									
10	SB-3-2.0			1059		1									

570-208722 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
11126124 1145	Langan	11/26/24	11:45
Relinquished by: (Signature) Langan	Received by: (Signature/Affiliation) EC	Date: 11-26-24	Time: 13:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.2/2.2 0.7/1.7 SC14

2014-07-01 Revision

12/17/2024

VJ61

208722

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB-4-0.5		11/25/24	1111	SOIL	1	X			X					
12	SB-4-2.0			1120		1				X					
13	SB-7-0.5			1127		1				X					
14	SB-7-2.0			1134		1				X					
15	SB-8-0.5			1141		6				X	X	X	X	X	
16	SB-8-2.0			1150		6				X	X	X	X	X	
17	SB-2-5.0			1328		6				X	X	X	X	X	
18	SB-6-5.0			1347		6				X	X	X	X	X	
19	SB-8-5.0			1405		6				X	X	X	X	X	

Relinquished by: (Signature) 11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24	Time: 1145
Relinquished by: (Signature) Langan	Received by: (Signature/Affiliation) EC	Date: 11-26-24	Time: 13:05
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

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CHAIN-OF-CUSTODY RECORD

DATE: 11/25/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LAIMO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
20	SB-16-0.5		11/25/24	1430	SOIL	1	X								X
21	SB-16-2.0			1436		1									X
22	SB-15-0.5			1444		1									X
23	SB-15-2.0			1449		1									X
24	SB-14-0.5			1509		1									X
25	SB-14-2.0			1514	↓	1									X
26	EB-1-1125			1530	H2O	5				X	X	X			X
27	TB-1-1125		↓	1520	H2O	3	↓					X			

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 1145
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-208722-3

Login Number: 208722
List Number: 1
Creator: Gonzalez, Juan

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Marco Ojeda
Langan Engineering and Environmental Services LLC
104 W Anapamu Street
Suite 204B
Santa Barbara, California 93101

Generated 12/5/2024 4:47:41 PM

JOB DESCRIPTION

700152701

JOB NUMBER

570-208723-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
12/5/2024 4:47:41 PM

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-208723-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/26/2024 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

Receipt Exceptions
Insufficient sample volume was provided for the following sample: EB-2-1126 (570-208723-12). Received 1x1L unpreserved amber bottlr for 8270 and 8270 Sim PAH.

The following sample was submitted for metals analysis; however, it was not listed on the Chain-of-Custody (COC): EB-2-1126 (570-208723-12) Received 1x250mL plastic bottle with HNO3.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-508630. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-508126.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: SB-9-0.5 (570-208723-9). Elevated reporting limits (RLs) are provided.

Method 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-508150. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-509710 recovered above the upper control limit for 2,4,6-Trichlorophenol, 2,4-Dichlorophenol and Hexachloro-1,3-butadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB-2-1126 (570-208723-12) and (CCVIS 570-509710/2).

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-508150 and analytical batch 570-509710 recovered outside control limits for the following analyte(s): Benzidine and Pyridine. Benzidine and Pyridine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-508150 and analytical batch 570-509710 recovered outside control limits for the following analytes: Aniline, Benzidine and Pyridine.

Method 8270C: The method blank for preparation batch 570-508281 and analytical batch 570-509232 contained

Dibenz(a,h)anthracene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-508281 and analytical batch 570-509232 recovered outside control limits for the following analytes: Benzoic acid.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB-9-0.5 (570-208723-9). Elevated reporting limits (RLs) are provided.

Method 8270C: Surrogate recovery for the following sample was outside control limits: SB-9-0.5 (570-208723-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-509491. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB-9-0.5 (570-208723-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-508814.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-508987. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Client Sample ID: SB-13-0.5 — Lab Sample ID: 570-208723-1

No Detections.

Client Sample ID: SB-13-2.0 — Lab Sample ID: 570-208723-2

No Detections.

Client Sample ID: SB-12-0.5 — Lab Sample ID: 570-208723-3

No Detections.

Client Sample ID: SB-12-2.0 — Lab Sample ID: 570-208723-4

No Detections.

Client Sample ID: SB-11-0.5 — Lab Sample ID: 570-208723-5

No Detections.

Client Sample ID: SB-11-2.0 — Lab Sample ID: 570-208723-6

No Detections.

Client Sample ID: SB-10-0.5 — Lab Sample ID: 570-208723-7

No Detections.

Client Sample ID: SB-10-2.0 — Lab Sample ID: 570-208723-8

No Detections.

Client Sample ID: SB-9-0.5 — Lab Sample ID: 570-208723-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.4		0.077	0.011	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.47		0.077	0.010	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.098		0.038	0.0079	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.14		0.038	0.011	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	1.9		0.38	0.15	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.19		0.038	0.0081	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.16		0.077	0.010	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.056		0.038	0.0098	mg/Kg	50	☼	8260B	Total/NA
m,p-Xylene	0.069	J	0.077	0.018	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.54		0.038	0.011	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.24		0.038	0.011	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.012	J	0.038	0.010	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.13		0.077	0.023	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	6.7		0.20	0.11	mg/Kg	10	☼	8270C SIM	Total/NA
2-Methylnaphthalene	8.1		0.20	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
Acenaphthene	0.48		0.20	0.13	mg/Kg	10	☼	8270C SIM	Total/NA
Anthracene	0.22		0.20	0.087	mg/Kg	10	☼	8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.15	J	0.20	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
Benzo[a]anthracene	0.32		0.20	0.078	mg/Kg	10	☼	8270C SIM	Total/NA
Chrysene	0.65		0.20	0.064	mg/Kg	10	☼	8270C SIM	Total/NA
Fluorene	0.90		0.20	0.095	mg/Kg	10	☼	8270C SIM	Total/NA
Naphthalene	2.0		0.20	0.088	mg/Kg	10	☼	8270C SIM	Total/NA
Phenanthrene	3.1		0.20	0.15	mg/Kg	10	☼	8270C SIM	Total/NA
Pyrene	0.44		0.20	0.085	mg/Kg	10	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	210		3.8	1.7	mg/Kg	50	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-9-0.5 (Continued)
Lab Sample ID: 570-208723-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C13-C22	12000		53	48	mg/Kg	10	☼	8015B	Total/NA
C23-C40	12000		53	48	mg/Kg	10	☼	8015B	Total/NA

Client Sample ID: SB-9-2.0
Lab Sample ID: 570-208723-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0054	J	0.020	0.0046	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.061		0.020	0.010	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.078	J	0.12	0.053	mg/Kg	1	☼	8015B	Total/NA
C23-C40	13		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA

Client Sample ID: SB-9-5.0
Lab Sample ID: 570-208723-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.023	0.011	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.011	J	0.023	0.0082	mg/Kg	1	☼	8260B	Total/NA

Client Sample ID: EB-2-1126
Lab Sample ID: 570-208723-12

No Detections.

Client Sample ID: TB-2-1126
Lab Sample ID: 570-208723-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1,1-Trichloroethane	ND		0.038	0.0090	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1,2,2-Tetrachloroethane	ND		0.077	0.021	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.38	0.018	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1,2-Trichloroethane	ND		0.038	0.018	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1-Dichloroethane	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1-Dichloroethene	ND		0.038	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,1-Dichloropropene	ND		0.077	0.015	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2,3-Trichlorobenzene	ND		0.077	0.014	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2,3-Trichloropropane	ND		0.077	0.016	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2,4-Trichlorobenzene	ND		0.077	0.016	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2,4-Trimethylbenzene	**1.4**		0.077	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2-Dibromo-3-Chloropropane	ND		0.38	0.13	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2-Dibromoethane	ND		0.038	0.0079	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2-Dichlorobenzene	ND		0.038	0.0096	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2-Dichloroethane	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,2-Dichloropropane	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,3,5-Trimethylbenzene	**0.47**		0.077	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,3-Dichlorobenzene	ND		0.038	0.0097	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,3-Dichloropropane	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
1,4-Dichlorobenzene	ND		0.038	0.012	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
2,2-Dichloropropane	ND		0.19	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
2-Butanone (MEK)	ND		0.77	0.17	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
2-Chlorotoluene	ND		0.038	0.0097	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
2-Hexanone	ND		0.77	0.12	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
4-Chlorotoluene	ND		0.038	0.0093	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
4-Methyl-2-pentanone (MIBK)	ND		0.77	0.11	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Acetone	ND		0.77	0.38	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Benzene	ND		0.038	0.0099	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Bromobenzene	ND		0.038	0.0080	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Bromochloromethane	ND		0.077	0.017	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Bromodichloromethane	ND		0.038	0.012	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Bromoform	ND		0.19	0.051	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Bromomethane	ND		0.77	0.25	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
cis-1,2-Dichloroethene	ND		0.038	0.013	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
cis-1,3-Dichloropropene	ND		0.038	0.013	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Carbon disulfide	ND		0.38	0.015	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Carbon tetrachloride	ND		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Chlorobenzene	ND		0.038	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Chloroethane	ND		0.077	0.028	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Chloroform	ND		0.038	0.023	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Chloromethane	ND		0.77	0.059	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Dibromochloromethane	ND		0.077	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Dibromomethane	ND		0.038	0.012	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Dichlorodifluoromethane	ND		0.077	0.017	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Di-isopropyl ether (DIPE)	ND		0.038	0.019	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Ethanol	ND		9.6	3.5	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Ethylbenzene	**0.098**		0.038	0.0079	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Ethyl-t-butyl ether (ETBE)	ND		0.038	0.0090	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.14**		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Methylene Chloride	ND		0.38	0.12	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Methyl-t-Butyl Ether (MTBE)	ND		0.077	0.0072	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Naphthalene	**1.9**		0.38	0.15	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
n-Butylbenzene	**0.19**		0.038	0.0081	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
N-Propylbenzene	**0.16**		0.077	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
o-Xylene	**0.056**		0.038	0.0098	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
m,p-Xylene	**0.069**	**J**	0.077	0.018	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
p-Isopropyltoluene	**0.54**		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
sec-Butylbenzene	**0.24**		0.038	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Styrene	ND		0.038	0.012	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
trans-1,2-Dichloroethene	ND		0.038	0.012	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
trans-1,3-Dichloropropene	ND		0.077	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Tert-amyl-methyl ether (TAME)	ND		0.038	0.0074	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
tert-Butyl alcohol (TBA)	ND		0.77	0.27	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
tert-Butylbenzene	ND		0.038	0.0098	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Tetrachloroethene	ND		0.038	0.0086	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Toluene	**0.012**	**J**	0.038	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Trichloroethene	ND		0.077	0.015	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Trichlorofluoromethane	ND		0.38	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Vinyl acetate	ND		0.38	0.15	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Vinyl chloride	ND		0.038	0.015	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50
Xylenes, Total	**0.13**		0.077	0.023	mg/Kg	☼	11/27/24 09:27	11/27/24 14:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*	*11/27/24 09:27*	*11/27/24 14:38*	*50*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*11/27/24 09:27*	*11/27/24 14:38*	*50*
Dibromofluoromethane (Surr)	*90*		*58 - 147*	*11/27/24 09:27*	*11/27/24 14:38*	*50*
Toluene-d8 (Surr)	*107*		*80 - 120*	*11/27/24 09:27*	*11/27/24 14:38*	*50*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
2,2-Dichloropropane	ND		0.0051	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
2-Butanone (MEK)	**0.0054**	**J**	0.020	0.0046	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Acetone	**0.061**		0.020	0.010	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Bromoform	ND		0.0051	0.0013	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Chloroethane	ND		0.0020	0.00075	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Ethanol	ND		0.25	0.093	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0071	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	11/27/24 09:27	11/27/24 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*11/27/24 09:27*	*11/27/24 13:59*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*11/27/24 09:27*	*11/27/24 13:59*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*11/27/24 09:27*	*11/27/24 13:59*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/27/24 09:27*	*11/27/24 13:59*	*1*

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00063	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00044	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,3-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,3-Dichloropropane	ND		0.0012	0.00034	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
2,2-Dichloropropane	ND		0.0058	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
2-Butanone (MEK)	ND		0.023	0.0053	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
2-Hexanone	ND		0.023	0.0036	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0034	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Acetone	**0.036**		0.023	0.011	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Benzene	ND		0.0012	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0058	0.0015	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Bromomethane	ND		0.023	0.0077	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
cis-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Chloroethane	ND		0.0023	0.00087	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Chloroform	ND		0.0012	0.00069	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Chloromethane	ND		0.023	0.0018	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Ethanol	ND		0.29	0.11	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Isopropylbenzene	ND		0.0012	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Methylene Chloride	ND		0.012	0.0036	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00022	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
N-Propylbenzene	ND		0.0023	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
m,p-Xylene	ND		0.0023	0.00055	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
sec-Butylbenzene	ND		0.0012	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
trans-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
trans-1,3-Dichloropropene	ND		0.0023	0.00033	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
tert-Butyl alcohol (TBA)	**0.011**	**J**	0.023	0.0082	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Toluene	ND		0.0012	0.00031	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Vinyl chloride	ND		0.0012	0.00044	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1
Xylenes, Total	ND		0.0023	0.00070	mg/Kg	☼	11/27/24 09:27	11/27/24 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 179*	*11/27/24 09:27*	*11/27/24 14:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*11/27/24 09:27*	*11/27/24 14:19*	*1*
Dibromofluoromethane (Surr)	*94*		*58 - 147*	*11/27/24 09:27*	*11/27/24 14:19*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*11/27/24 09:27*	*11/27/24 14:19*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			11/30/24 13:44	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			11/30/24 13:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			11/30/24 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			11/30/24 13:44	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/30/24 13:44	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			11/30/24 13:44	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 13:44	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			11/30/24 13:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			11/30/24 13:44	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			11/30/24 13:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			11/30/24 13:44	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			11/30/24 13:44	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			11/30/24 13:44	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			11/30/24 13:44	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:44	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			11/30/24 13:44	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			11/30/24 13:44	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			11/30/24 13:44	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:44	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/30/24 13:44	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/30/24 13:44	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			11/30/24 13:44	1
2-Butanone (MEK)	ND		10	4.5	ug/L			11/30/24 13:44	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			11/30/24 13:44	1
2-Hexanone	ND		10	2.7	ug/L			11/30/24 13:44	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			11/30/24 13:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			11/30/24 13:44	1
Acetone	ND		10	7.4	ug/L			11/30/24 13:44	1
Benzene	ND		0.50	0.24	ug/L			11/30/24 13:44	1
Bromobenzene	ND		1.0	0.29	ug/L			11/30/24 13:44	1
Bromochloromethane	ND		2.0	0.38	ug/L			11/30/24 13:44	1
Bromodichloromethane	ND		1.0	0.29	ug/L			11/30/24 13:44	1
Bromoform	ND		5.0	1.9	ug/L			11/30/24 13:44	1
Bromomethane	ND		25	7.4	ug/L			11/30/24 13:44	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			11/30/24 13:44	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			11/30/24 13:44	1
Carbon disulfide	ND		10	0.42	ug/L			11/30/24 13:44	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			11/30/24 13:44	1
Chlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:44	1
Chloroethane	ND		5.0	1.9	ug/L			11/30/24 13:44	1
Chloroform	ND		1.0	0.32	ug/L			11/30/24 13:44	1
Chloromethane	ND		10	2.2	ug/L			11/30/24 13:44	1
Dibromochloromethane	ND		2.0	0.37	ug/L			11/30/24 13:44	1
Dibromomethane	ND		1.0	0.33	ug/L			11/30/24 13:44	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			11/30/24 13:44	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			11/30/24 13:44	1
Ethanol	ND		100	52	ug/L			11/30/24 13:44	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/30/24 13:44	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			11/30/24 13:44	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.41	ug/L			11/30/24 13:44	1
Methylene Chloride	ND		10	3.0	ug/L			11/30/24 13:44	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			11/30/24 13:44	1
Naphthalene	ND		10	4.9	ug/L			11/30/24 13:44	1
n-Butylbenzene	ND		1.0	0.53	ug/L			11/30/24 13:44	1
N-Propylbenzene	ND		1.0	0.47	ug/L			11/30/24 13:44	1
o-Xylene	ND		1.0	0.27	ug/L			11/30/24 13:44	1
m,p-Xylene	ND		2.0	0.49	ug/L			11/30/24 13:44	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			11/30/24 13:44	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			11/30/24 13:44	1
Styrene	ND		1.0	0.38	ug/L			11/30/24 13:44	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 13:44	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			11/30/24 13:44	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			11/30/24 13:44	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			11/30/24 13:44	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			11/30/24 13:44	1
Tetrachloroethene	ND		1.0	0.40	ug/L			11/30/24 13:44	1
Toluene	ND		1.0	0.30	ug/L			11/30/24 13:44	1
Trichloroethene	ND		1.0	0.39	ug/L			11/30/24 13:44	1
Trichlorofluoromethane	ND		10	0.75	ug/L			11/30/24 13:44	1
Vinyl acetate	ND		10	5.0	ug/L			11/30/24 13:44	1
Vinyl chloride	ND		0.50	0.43	ug/L			11/30/24 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*11/30/24 13:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*11/30/24 13:44*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*11/30/24 13:44*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/30/24 13:44*	*1*

Client Sample ID: TB-2-1126
Date Collected: 11/26/24 09:45
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			11/30/24 13:21	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			11/30/24 13:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			11/30/24 13:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			11/30/24 13:21	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/30/24 13:21	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			11/30/24 13:21	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 13:21	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			11/30/24 13:21	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			11/30/24 13:21	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			11/30/24 13:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			11/30/24 13:21	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			11/30/24 13:21	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			11/30/24 13:21	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			11/30/24 13:21	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:21	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			11/30/24 13:21	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			11/30/24 13:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-2-1126
Date Collected: 11/26/24 09:45
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			11/30/24 13:21	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:21	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/30/24 13:21	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/30/24 13:21	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			11/30/24 13:21	1
2-Butanone (MEK)	ND		10	4.5	ug/L			11/30/24 13:21	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			11/30/24 13:21	1
2-Hexanone	ND		10	2.7	ug/L			11/30/24 13:21	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			11/30/24 13:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			11/30/24 13:21	1
Acetone	ND		10	7.4	ug/L			11/30/24 13:21	1
Benzene	ND		0.50	0.24	ug/L			11/30/24 13:21	1
Bromobenzene	ND		1.0	0.29	ug/L			11/30/24 13:21	1
Bromochloromethane	ND		2.0	0.38	ug/L			11/30/24 13:21	1
Bromodichloromethane	ND		1.0	0.29	ug/L			11/30/24 13:21	1
Bromoform	ND		5.0	1.9	ug/L			11/30/24 13:21	1
Bromomethane	ND		25	7.4	ug/L			11/30/24 13:21	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			11/30/24 13:21	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			11/30/24 13:21	1
Carbon disulfide	ND		10	0.42	ug/L			11/30/24 13:21	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			11/30/24 13:21	1
Chlorobenzene	ND		1.0	0.26	ug/L			11/30/24 13:21	1
Chloroethane	ND		5.0	1.9	ug/L			11/30/24 13:21	1
Chloroform	ND		1.0	0.32	ug/L			11/30/24 13:21	1
Chloromethane	ND		10	2.2	ug/L			11/30/24 13:21	1
Dibromochloromethane	ND		2.0	0.37	ug/L			11/30/24 13:21	1
Dibromomethane	ND		1.0	0.33	ug/L			11/30/24 13:21	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			11/30/24 13:21	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			11/30/24 13:21	1
Ethanol	ND		100	52	ug/L			11/30/24 13:21	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/30/24 13:21	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			11/30/24 13:21	1
Isopropylbenzene	ND		1.0	0.41	ug/L			11/30/24 13:21	1
Methylene Chloride	ND		10	3.0	ug/L			11/30/24 13:21	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			11/30/24 13:21	1
Naphthalene	ND		10	4.9	ug/L			11/30/24 13:21	1
n-Butylbenzene	ND		1.0	0.53	ug/L			11/30/24 13:21	1
N-Propylbenzene	ND		1.0	0.47	ug/L			11/30/24 13:21	1
o-Xylene	ND		1.0	0.27	ug/L			11/30/24 13:21	1
m,p-Xylene	ND		2.0	0.49	ug/L			11/30/24 13:21	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			11/30/24 13:21	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			11/30/24 13:21	1
Styrene	ND		1.0	0.38	ug/L			11/30/24 13:21	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 13:21	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			11/30/24 13:21	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			11/30/24 13:21	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			11/30/24 13:21	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			11/30/24 13:21	1
Tetrachloroethene	ND		1.0	0.40	ug/L			11/30/24 13:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-2-1126
Date Collected: 11/26/24 09:45
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-13
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.30	ug/L			11/30/24 13:21	1
Trichloroethene	ND		1.0	0.39	ug/L			11/30/24 13:21	1
Trichlorofluoromethane	ND		10	0.75	ug/L			11/30/24 13:21	1
Vinyl acetate	ND		10	5.0	ug/L			11/30/24 13:21	1
Vinyl chloride	ND		0.50	0.43	ug/L			11/30/24 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 123*		*11/30/24 13:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*11/30/24 13:21*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*11/30/24 13:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/30/24 13:21*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**6.7**		0.20	0.11	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
2-Methylnaphthalene	**8.1**		0.20	0.10	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Acenaphthene	**0.48**		0.20	0.13	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Acenaphthylene	ND		0.20	0.094	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Anthracene	**0.22**		0.20	0.087	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Benzo[g,h,i]perylene	**0.15**	**J**	0.20	0.10	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Benzo[k]fluoranthene	ND		0.20	0.17	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Benzo[a]anthracene	**0.32**		0.20	0.078	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Benzo[a]pyrene	ND		0.20	0.080	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Benzo[b]fluoranthene	ND		0.20	0.15	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Chrysene	**0.65**		0.20	0.064	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Dibenz(a,h)anthracene	ND		0.20	0.11	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Fluoranthene	ND		0.20	0.079	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Fluorene	**0.90**		0.20	0.095	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Indeno[1,2,3-cd]pyrene	ND		0.20	0.12	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Naphthalene	**2.0**		0.20	0.088	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Phenanthrene	**3.1**		0.20	0.15	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10
Pyrene	**0.44**		0.20	0.085	mg/Kg	☼	11/27/24 10:47	12/02/24 17:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*11/27/24 10:47*	*12/02/24 17:33*	*10*
Nitrobenzene-d5 (Surr)	*86*		*20 - 145*	*11/27/24 10:47*	*12/02/24 17:33*	*10*
p-Terphenyl-d14 (Surr)	*70*		*33 - 147*	*11/27/24 10:47*	*12/02/24 17:33*	*10*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Fluoranthene	ND		0.022	0.0089	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1
Pyrene	ND		0.022	0.0096	mg/Kg	☼	11/27/24 10:47	12/02/24 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*11/27/24 10:47*	*12/02/24 17:55*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*11/27/24 10:47*	*12/02/24 17:55*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*11/27/24 10:47*	*12/02/24 17:55*	*1*

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	11/27/24 10:47	12/02/24 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*11/27/24 10:47*	*12/02/24 18:16*	*1*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*	*11/27/24 10:47*	*12/02/24 18:16*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*11/27/24 10:47*	*12/02/24 18:16*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		52	12	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
1,2-Dichlorobenzene	ND		52	8.7	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
1,3-Dichlorobenzene	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
1,4-Dichlorobenzene	ND		52	9.9	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
1-Methylnaphthalene	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4,5-Trichlorophenol	ND		52	20	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4,6-Trichlorophenol	ND		52	12	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4-Dichlorophenol	ND		52	14	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4-Dimethylphenol	ND		52	13	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4-Dinitrophenol	ND		210	94	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,4-Dinitrotoluene	ND		52	8.4	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,6-Dichlorophenol	ND		52	12	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2,6-Dinitrotoluene	ND		52	8.9	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Chloronaphthalene	ND		52	9.0	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Chlorophenol	ND		52	14	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Methylnaphthalene	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Methylphenol	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Nitroaniline	ND		52	9.5	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
2-Nitrophenol	ND		52	14	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
3,3'-Dichlorobenzidine	ND		260	56	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
3/4-Methylphenol	ND		100	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
3-Nitroaniline	ND		52	8.6	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4,6-Dinitro-2-methylphenol	ND		260	98	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Bromophenyl phenyl ether	ND		52	7.6	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Chloro-3-methylphenol	ND		52	9.6	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Chloroaniline	ND		52	8.5	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Chlorophenyl phenyl ether	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Nitroaniline	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
4-Nitrophenol	ND		52	33	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Acenaphthene	ND		52	8.2	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Acenaphthylene	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Aniline	ND		52	9.9	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Anthracene	ND		52	8.0	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Azobenzene	ND		52	8.1	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzidine	ND		520	59	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzo[a]anthracene	ND		52	8.6	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzo[a]pyrene	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzo[b]fluoranthene	ND		52	8.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzo[g,h,i]perylene	ND		52	9.2	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzo[k]fluoranthene	ND		52	9.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzoic acid	ND	*1	260	70	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Benzyl alcohol	ND		52	17	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Bis(2-chloroethoxy)methane	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Bis(2-chloroethyl)ether	ND		260	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
bis (2-Chloroisopropyl) ether	ND		52	12	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Bis(2-ethylhexyl) phthalate	ND		52	23	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Butyl benzyl phthalate	ND		52	24	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Chrysene	ND		52	8.6	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Dibenz(a,h)anthracene	ND		52	8.3	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		52	9.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Diethyl phthalate	ND		52	12	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Dimethyl phthalate	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Di-n-butyl phthalate	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Di-n-octyl phthalate	ND		52	24	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Fluoranthene	ND		52	9.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Fluorene	ND		52	9.7	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Hexachloro-1,3-butadiene	ND		52	13	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Hexachlorobenzene	ND		52	8.3	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Hexachlorocyclopentadiene	ND		160	8.9	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Hexachloroethane	ND		52	9.5	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Indeno[1,2,3-cd]pyrene	ND		52	13	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Isophorone	ND		52	8.2	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Naphthalene	ND		52	14	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Nitrobenzene	ND		210	14	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
N-Nitrosodimethylamine	ND		52	9.2	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
N-Nitrosodi-n-propylamine	ND		52	8.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
n-Nitrosodiphenylamine(as diphenylamine)	ND		52	8.8	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Pentachlorophenol	ND		260	190	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Phenanthrene	ND		52	7.5	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Phenol	ND		52	10	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Pyrene	ND		52	11	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100
Pyridine	ND		52	24	mg/Kg	☼	11/27/24 12:05	12/03/24 20:23	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*	*11/27/24 12:05*	*12/03/24 20:23*	*100*
2-Fluorobiphenyl (Surr)	*72*		*14 - 142*	*11/27/24 12:05*	*12/03/24 20:23*	*100*
2-Fluorophenol (Surr)	*130*	*S1+*	*10 - 123*	*11/27/24 12:05*	*12/03/24 20:23*	*100*
Nitrobenzene-d5 (Surr)	*111*		*10 - 129*	*11/27/24 12:05*	*12/03/24 20:23*	*100*
p-Terphenyl-d14 (Surr)	*0*	*S1-*	*31 - 139*	*11/27/24 12:05*	*12/03/24 20:23*	*100*
Phenol-d6 (Surr)	*116*		*10 - 120*	*11/27/24 12:05*	*12/03/24 20:23*	*100*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
3-Nitroaniline	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Aniline	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzidine	ND		5.6	0.64	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzoic acid	ND	*1	2.8	0.75	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Fluorene	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Hexachlorobenzene	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.56	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
N-Nitrosodimethylamine	ND		0.56	0.099	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Phenol	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 134*	*11/27/24 12:05*	*12/03/24 19:59*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*11/27/24 12:05*	*12/03/24 19:59*	*1*
2-Fluorophenol (Surr)	*101*		*10 - 123*	*11/27/24 12:05*	*12/03/24 19:59*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*11/27/24 12:05*	*12/03/24 19:59*	*1*
p-Terphenyl-d14 (Surr)	*92*		*31 - 139*	*11/27/24 12:05*	*12/03/24 19:59*	*1*
Phenol-d6 (Surr)	*112*		*10 - 120*	*11/27/24 12:05*	*12/03/24 19:59*	*1*

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,4-Dinitrotoluene	ND		0.57	0.092	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Chloronaphthalene	ND		0.57	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4-Bromophenyl phenyl ether	ND		0.57	0.083	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Acenaphthene	ND		0.57	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Aniline	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Anthracene	ND		0.57	0.088	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzidine	ND		5.7	0.65	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzo[b]fluoranthene	ND		0.57	0.096	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzoic acid	ND	*1	2.8	0.77	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Chrysene	ND		0.57	0.094	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Isophorone	ND		0.57	0.090	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
N-Nitrosodi-n-propylamine	ND		0.57	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.097	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Phenol	ND		0.57	0.11	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	11/27/24 12:05	12/03/24 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 134*	*11/27/24 12:05*	*12/03/24 19:09*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-11
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*11/27/24 12:05*	*12/03/24 19:09*	*1*
2-Fluorophenol (Surr)	*103*		*10 - 123*	*11/27/24 12:05*	*12/03/24 19:09*	*1*
Nitrobenzene-d5 (Surr)	*85*		*10 - 129*	*11/27/24 12:05*	*12/03/24 19:09*	*1*
p-Terphenyl-d14 (Surr)	*88*		*31 - 139*	*11/27/24 12:05*	*12/03/24 19:09*	*1*
Phenol-d6 (Surr)	*116*		*10 - 120*	*11/27/24 12:05*	*12/03/24 19:09*	*1*

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.9	0.76	ug/L		11/27/24 12:25	12/03/24 22:01	1
1,2-Dichlorobenzene	ND		9.9	0.59	ug/L		11/27/24 12:25	12/03/24 22:01	1
1,3-Dichlorobenzene	ND		9.9	0.75	ug/L		11/27/24 12:25	12/03/24 22:01	1
1,4-Dichlorobenzene	ND		9.9	0.69	ug/L		11/27/24 12:25	12/03/24 22:01	1
1-Methylnaphthalene	ND		9.9	0.94	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4,5-Trichlorophenol	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4,6-Trichlorophenol	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4-Dichlorophenol	ND		9.9	1.3	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4-Dimethylphenol	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4-Dinitrophenol	ND		49	13	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,4-Dinitrotoluene	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,6-Dichlorophenol	ND		9.9	1.5	ug/L		11/27/24 12:25	12/03/24 22:01	1
2,6-Dinitrotoluene	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Chloronaphthalene	ND		9.9	0.69	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Chlorophenol	ND		9.9	0.94	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Methylnaphthalene	ND		9.9	0.87	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Methylphenol	ND		9.9	0.79	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Nitroaniline	ND		9.9	1.3	ug/L		11/27/24 12:25	12/03/24 22:01	1
2-Nitrophenol	ND		9.9	2.3	ug/L		11/27/24 12:25	12/03/24 22:01	1
3,3'-Dichlorobenzidine	ND		9.9	2.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
3/4-Methylphenol	ND		9.9	0.75	ug/L		11/27/24 12:25	12/03/24 22:01	1
3-Nitroaniline	ND		9.9	1.8	ug/L		11/27/24 12:25	12/03/24 22:01	1
4,6-Dinitro-2-methylphenol	ND		49	11	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Bromophenyl phenyl ether	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Chloro-3-methylphenol	ND		9.9	1.4	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Chloroaniline	ND		9.9	0.91	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Chlorophenyl phenyl ether	ND		9.9	1.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Nitroaniline	ND		9.9	2.6	ug/L		11/27/24 12:25	12/03/24 22:01	1
4-Nitrophenol	ND		9.9	3.6	ug/L		11/27/24 12:25	12/03/24 22:01	1
Acenaphthene	ND		9.9	0.89	ug/L		11/27/24 12:25	12/03/24 22:01	1
Acenaphthylene	ND		9.9	0.86	ug/L		11/27/24 12:25	12/03/24 22:01	1
Aniline	ND	*1	9.9	0.78	ug/L		11/27/24 12:25	12/03/24 22:01	1
Anthracene	ND		9.9	0.97	ug/L		11/27/24 12:25	12/03/24 22:01	1
Azobenzene	ND		9.9	0.73	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzidine	ND	*- *1	49	11	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzo[a]anthracene	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzo[a]pyrene	ND		9.9	1.9	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzo[b]fluoranthene	ND		9.9	1.7	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzo[g,h,i]perylene	ND		9.9	1.9	ug/L		11/27/24 12:25	12/03/24 22:01	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzoic acid	ND		49	14	ug/L		11/27/24 12:25	12/03/24 22:01	1
Benzyl alcohol	ND		9.9	2.5	ug/L		11/27/24 12:25	12/03/24 22:01	1
Bis(2-chloroethoxy)methane	ND		9.9	1.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
Bis(2-chloroethyl)ether	ND		25	7.6	ug/L		11/27/24 12:25	12/03/24 22:01	1
bis (2-Chloroisopropyl) ether	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Bis(2-ethylhexyl) phthalate	ND		9.9	4.8	ug/L		11/27/24 12:25	12/03/24 22:01	1
Butyl benzyl phthalate	ND		9.9	4.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
Chrysene	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Dibenz(a,h)anthracene	ND		9.9	1.8	ug/L		11/27/24 12:25	12/03/24 22:01	1
Dibenzofuran	ND		9.9	1.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
Diethyl phthalate	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Dimethyl phthalate	ND		9.9	0.92	ug/L		11/27/24 12:25	12/03/24 22:01	1
Di-n-butyl phthalate	ND		9.9	1.4	ug/L		11/27/24 12:25	12/03/24 22:01	1
Di-n-octyl phthalate	ND		9.9	4.5	ug/L		11/27/24 12:25	12/03/24 22:01	1
Fluoranthene	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
Fluorene	ND		9.9	0.92	ug/L		11/27/24 12:25	12/03/24 22:01	1
Hexachloro-1,3-butadiene	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
Hexachlorobenzene	ND		9.9	0.88	ug/L		11/27/24 12:25	12/03/24 22:01	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
Hexachloroethane	ND		9.9	0.87	ug/L		11/27/24 12:25	12/03/24 22:01	1
Indeno[1,2,3-cd]pyrene	ND		9.9	3.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
Isophorone	ND		9.9	1.4	ug/L		11/27/24 12:25	12/03/24 22:01	1
Naphthalene	ND		9.9	3.6	ug/L		11/27/24 12:25	12/03/24 22:01	1
Nitrobenzene	ND		25	7.4	ug/L		11/27/24 12:25	12/03/24 22:01	1
N-Nitrosodimethylamine	ND		9.9	0.73	ug/L		11/27/24 12:25	12/03/24 22:01	1
N-Nitrosodi-n-propylamine	ND		9.9	1.0	ug/L		11/27/24 12:25	12/03/24 22:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Pentachlorophenol	ND		9.9	4.8	ug/L		11/27/24 12:25	12/03/24 22:01	1
Phenanthrene	ND		9.9	1.1	ug/L		11/27/24 12:25	12/03/24 22:01	1
Phenol	ND		9.9	0.42	ug/L		11/27/24 12:25	12/03/24 22:01	1
Pyrene	ND		9.9	1.2	ug/L		11/27/24 12:25	12/03/24 22:01	1
Pyridine	ND	*- *1	9.9	1.5	ug/L		11/27/24 12:25	12/03/24 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*27 - 140*	*11/27/24 12:25*	*12/03/24 22:01*	*1*
2-Fluorobiphenyl (Surr)	*107*		*28 - 120*	*11/27/24 12:25*	*12/03/24 22:01*	*1*
2-Fluorophenol (Surr)	*52*		*20 - 120*	*11/27/24 12:25*	*12/03/24 22:01*	*1*
Nitrobenzene-d5 (Surr)	*107*		*31 - 120*	*11/27/24 12:25*	*12/03/24 22:01*	*1*
p-Terphenyl-d14 (Surr)	*99*		*45 - 136*	*11/27/24 12:25*	*12/03/24 22:01*	*1*
Phenol-d6 (Surr)	*28*		*20 - 120*	*11/27/24 12:25*	*12/03/24 22:01*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	210		3.8	1.7	mg/Kg	☼	11/27/24 09:27	12/03/24 22:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*42 - 126*	*11/27/24 09:27*	*12/03/24 22:26*	*50*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.078	J	0.12	0.053	mg/Kg	☼	11/27/24 09:27	12/03/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*11/27/24 09:27*	*12/03/24 20:01*	*1*

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.13	0.055	mg/Kg	☼	11/27/24 09:27	12/03/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*	*11/27/24 09:27*	*12/03/24 20:25*	*1*

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/04/24 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*20 - 144*		*12/04/24 11:23*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	12000		53	48	mg/Kg	☼	11/30/24 10:44	11/30/24 16:53	10
C23-C40	12000		53	48	mg/Kg	☼	11/30/24 10:44	11/30/24 16:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*129*		*60 - 138*	*11/30/24 10:44*	*11/30/24 16:53*	*10*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	11/30/24 10:44	11/30/24 17:20	1
C23-C40	13		5.5	5.0	mg/Kg	☼	11/30/24 10:44	11/30/24 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*60 - 138*	*11/30/24 10:44*	*11/30/24 17:20*	*1*

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.1	mg/Kg	☼	11/30/24 10:44	11/30/24 17:47	1
C23-C40	ND		5.6	5.1	mg/Kg	☼	11/30/24 10:44	11/30/24 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*60 - 138*	*11/30/24 10:44*	*11/30/24 17:47*	*1*

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		49	41	ug/L		12/01/24 11:00	12/03/24 14:30	1
C23-C40	ND		49	41	ug/L		12/01/24 11:00	12/03/24 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*53 - 151*	*12/01/24 11:00*	*12/03/24 14:30*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-13-0.5
Date Collected: 11/26/24 07:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.054	0.042	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1221	ND		0.054	0.042	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1232	ND		0.054	0.042	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1242	ND		0.054	0.042	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1248	ND		0.054	0.042	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1254	ND		0.054	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1260	ND		0.054	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1262	ND		54	28	ug/Kg	☼	11/27/24 12:47	12/02/24 22:55	1
Aroclor-1268	ND		54	28	ug/Kg	☼	11/27/24 12:47	12/02/24 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 120*	*11/27/24 12:47*	*12/02/24 22:55*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 120*	*11/27/24 12:47*	*12/02/24 22:55*	*1*

Client Sample ID: SB-13-2.0
Date Collected: 11/26/24 07:32
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.057	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1221	ND		0.057	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1232	ND		0.057	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1242	ND		0.057	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1248	ND		0.057	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1254	ND		0.057	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1260	ND		0.057	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1262	ND		57	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:14	1
Aroclor-1268	ND		57	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*25 - 120*	*11/27/24 12:47*	*12/02/24 23:14*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 120*	*11/27/24 12:47*	*12/02/24 23:14*	*1*

Client Sample ID: SB-12-0.5
Date Collected: 11/26/24 07:38
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1221	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1232	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1242	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1248	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1254	ND		0.056	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1260	ND		0.056	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1262	ND		56	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:34	1
Aroclor-1268	ND		56	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*74*		*25 - 120*	*11/27/24 12:47*	*12/02/24 23:34*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 120*	*11/27/24 12:47*	*12/02/24 23:34*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-12-2.0
Date Collected: 11/26/24 07:45
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1221	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1232	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1242	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1248	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1254	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1260	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1262	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:53	1
Aroclor-1268	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*25 - 120*	*11/27/24 12:47*	*12/02/24 23:53*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*20 - 120*	*11/27/24 12:47*	*12/02/24 23:53*	*1*

Client Sample ID: SB-11-0.5
Date Collected: 11/26/24 08:02
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1221	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1232	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1242	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1248	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1254	ND		0.055	0.028	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1260	ND		0.055	0.028	mg/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1262	ND		55	28	ug/Kg	☼	11/27/24 12:47	12/03/24 00:12	1
Aroclor-1268	ND		55	28	ug/Kg	☼	11/27/24 12:47	12/03/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*25 - 120*	*11/27/24 12:47*	*12/03/24 00:12*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*20 - 120*	*11/27/24 12:47*	*12/03/24 00:12*	*1*

Client Sample ID: SB-11-2.0
Date Collected: 11/26/24 08:09
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1221	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1232	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1242	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1248	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1254	ND		0.056	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1260	ND		0.056	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1262	ND		56	28	ug/Kg	☼	11/27/24 12:47	12/02/24 20:03	1
Aroclor-1268	ND		56	28	ug/Kg	☼	11/27/24 12:47	12/02/24 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*25 - 120*	*11/27/24 12:47*	*12/02/24 20:03*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*20 - 120*	*11/27/24 12:47*	*12/02/24 20:03*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-10-0.5
Date Collected: 11/26/24 08:21
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1221	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1232	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1242	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1248	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1254	ND		0.056	0.028	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1260	ND		0.056	0.028	mg/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1262	ND		56	28	ug/Kg	☼	11/27/24 12:47	12/03/24 00:31	1
Aroclor-1268	ND		56	28	ug/Kg	☼	11/27/24 12:47	12/03/24 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*61*		*25 - 120*	*11/27/24 12:47*	*12/03/24 00:31*	*1*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 120*	*11/27/24 12:47*	*12/03/24 00:31*	*1*

Client Sample ID: SB-10-2.0
Date Collected: 11/26/24 08:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1221	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1232	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1242	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1248	ND		0.058	0.045	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1254	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1260	ND		0.058	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1262	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 20:22	1
Aroclor-1268	ND		58	29	ug/Kg	☼	11/27/24 12:47	12/02/24 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 120*	*11/27/24 12:47*	*12/02/24 20:22*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*20 - 120*	*11/27/24 12:47*	*12/02/24 20:22*	*1*

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1221	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1232	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1242	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1248	ND		0.055	0.043	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1254	ND		0.055	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1260	ND		0.055	0.028	mg/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1262	ND		55	28	ug/Kg	☼	11/27/24 12:47	12/02/24 20:41	1
Aroclor-1268	ND		55	28	ug/Kg	☼	11/27/24 12:47	12/02/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*78*		*25 - 120*	*11/27/24 12:47*	*12/02/24 20:41*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*20 - 120*	*11/27/24 12:47*	*12/02/24 20:41*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1221	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1232	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1242	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1248	ND		0.056	0.044	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1254	ND		0.056	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1260	ND		0.056	0.029	mg/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1262	ND		56	29	ug/Kg	☼	11/27/24 12:47	12/02/24 21:00	1
Aroclor-1268	ND		56	29	ug/Kg	☼	11/27/24 12:47	12/02/24 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*25 - 120*	*11/27/24 12:47*	*12/02/24 21:00*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*20 - 120*	*11/27/24 12:47*	*12/02/24 21:00*	*1*

Client Sample ID: EB-2-1126
Date Collected: 11/26/24 10:00
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-12
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.37	0.24	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1221	ND		0.37	0.24	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1232	ND		0.37	0.24	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1242	ND		0.37	0.24	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1248	ND		0.37	0.24	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1254	ND		0.37	0.29	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1260	ND		0.37	0.29	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1262	ND		0.37	0.29	ug/L		12/02/24 09:09	12/03/24 09:55	1
Aroclor-1268	ND		0.37	0.29	ug/L		12/02/24 09:09	12/03/24 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*98*		*20 - 144*	*12/02/24 09:09*	*12/03/24 09:55*	*1*
DCB Decachlorobiphenyl (Surr)	*113*		*20 - 122*	*12/02/24 09:09*	*12/03/24 09:55*	*1*

Method: SW846 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - RA

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05

Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.052	0.041	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1221	ND		0.052	0.041	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1232	ND		0.052	0.041	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1242	ND		0.052	0.041	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1248	ND		0.052	0.041	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1254	ND		0.052	0.027	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1260	ND		0.052	0.027	mg/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1262	ND		52	27	ug/Kg	☼	11/27/24 12:47	12/03/24 17:42	1
Aroclor-1268	ND		52	27	ug/Kg	☼	11/27/24 12:47	12/03/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*56*		*25 - 120*	*11/27/24 12:47*	*12/03/24 17:42*	*1*
DCB Decachlorobiphenyl (Surr)	*54*		*20 - 120*	*11/27/24 12:47*	*12/03/24 17:42*	*1*

General Chemistry

Client Sample ID: SB-13-0.5
Date Collected: 11/26/24 07:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.6		0.100	0.100	%			12/01/24 08:41	1

Client Sample ID: SB-13-2.0
Date Collected: 11/26/24 07:32
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.9		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-12-0.5
Date Collected: 11/26/24 07:38
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.4		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-12-2.0
Date Collected: 11/26/24 07:45
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.8		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-11-0.5
Date Collected: 11/26/24 08:02
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.2		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-11-2.0
Date Collected: 11/26/24 08:09
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.7		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-10-0.5
Date Collected: 11/26/24 08:21
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.3		0.100	0.100	%			12/01/24 13:24	1

Client Sample ID: SB-10-2.0
Date Collected: 11/26/24 08:33
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.4		0.100	0.100	%			12/01/24 13:24	1

General Chemistry

Client Sample ID: SB-9-0.5
Date Collected: 11/26/24 08:44
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	5.47		0.100	0.100	%			12/02/24 09:56	1

Client Sample ID: SB-9-2.0
Date Collected: 11/26/24 08:52
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.0		0.100	0.100	%			12/02/24 09:56	1

Client Sample ID: SB-9-5.0
Date Collected: 11/26/24 09:25
Date Received: 11/26/24 13:05
Lab Sample ID: 570-208723-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.8		0.100	0.100	%			12/02/24 09:56	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-208723-9	SB-9-0.5	97	95	90	107
570-208723-10	SB-9-2.0	104	97	96	98
570-208723-11	SB-9-5.0	102	98	94	98
LCS 570-508126/4	Lab Control Sample	94	97	95	100
LCSD 570-508126/5	Lab Control Sample Dup	94	96	94	100
MB 570-508126/6	Method Blank	95	96	93	98
MB 570-508126/7	Method Blank	93	96	91	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-208723-12	EB-2-1126	93	91	99	100
570-208723-13	TB-2-1126	94	91	99	100
LCS 570-508630/1003	Lab Control Sample	88	101	97	100
LCSD 570-508630/4	Lab Control Sample Dup	93	100	96	101
MB 570-508630/7	Method Blank	92	92	96	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-208723-9	SB-9-0.5	81	72	130 S1+	111	0 S1-	116
570-208723-10	SB-9-2.0	93	74	101	81	92	112
570-208723-11	SB-9-5.0	101	74	103	85	88	116
LCS 570-508281/2-A	Lab Control Sample	97	89	104	87	98	103
LCSD 570-508281/3-A	Lab Control Sample Dup	86	75	87	78	82	87
MB 570-508281/1-A	Method Blank	100	85	97	96	90	93

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(27-140)	(28-120)	(20-120)	(31-120)	(45-136)	(20-120)
570-208723-12	EB-2-1126	88	107	52	107	99	28
LCS 570-508150/2-A	Lab Control Sample	87	94	56	93	94	36
LCSD 570-508150/3-A	Lab Control Sample Dup	73	85	49	85	83	31
MB 570-508150/1-A	Method Blank	81	93	46	96	89	28

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	FBP	NBZ	NBZ	TPHd14	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(22-130)	(20-145)	(20-145)	(33-147)	(33-147)
570-208723-9	SB-9-0.5	83	83	86	86	70	70
570-208723-10	SB-9-2.0	84	84	89	89	77	77
570-208723-11	SB-9-5.0	87	87	92	92	80	80
LCS 570-508245/2-A	Lab Control Sample	92	92	86	86	79	79
LCSD 570-508245/3-A	Lab Control Sample Dup	95	95	89	89	84	84
MB 570-508245/1-A	Method Blank	93	93	94	94	81	81

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-208723-9	SB-9-0.5	213 S1+
570-208723-10	SB-9-2.0	80
570-208723-11	SB-9-5.0	82
LCS 570-509491/3	Lab Control Sample	96
LCSD 570-509491/4	Lab Control Sample Dup	95
MB 570-509491/5	Method Blank	73
MB 570-509491/6	Method Blank	72

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (20-144)
570-208723-12	EB-2-1126	91
LCS 570-509707/31	Lab Control Sample	98
LCSD 570-509707/32	Lab Control Sample Dup	98
MB 570-509707/33	Method Blank	93

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-208723-9	SB-9-0.5	129
570-208723-9 MS	SB-9-0.5	136
570-208723-9 MSD	SB-9-0.5	136
570-208723-10	SB-9-2.0	110
570-208723-11	SB-9-5.0	101
LCS 570-508716/2-A	Lab Control Sample	113
LCSD 570-508716/3-A	Lab Control Sample Dup	113
MB 570-508716/1-A	Method Blank	115

Surrogate Legend
OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)
570-208723-12	EB-2-1126	98
LCS 570-508814/2-A	Lab Control Sample	91
LCSD 570-508814/3-A	Lab Control Sample Dup	95
MB 570-508814/1-A	Method Blank	97

Surrogate Legend
OTCSN = n-Octacosane (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-120)	DCB1 (20-120)
570-208723-1	SB-13-0.5	75	75
570-208723-2	SB-13-2.0	73	72
570-208723-3	SB-12-0.5	74	75
570-208723-4	SB-12-2.0	80	77
570-208723-5	SB-11-0.5	67	69
570-208723-6	SB-11-2.0	79	82
570-208723-7	SB-10-0.5	61	62

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(25-120)	(20-120)
570-208723-8	SB-10-2.0	83	85
570-208723-9 - RA	SB-9-0.5	56	54
570-208723-10	SB-9-2.0	78	80
570-208723-11	SB-9-5.0	76	84
LCS 570-508293/2-A	Lab Control Sample	86	80
LCSD 570-508293/3-A	Lab Control Sample Dup	90	87
MB 570-508293/1-A	Method Blank	86	76

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(20-144)	(20-122)
570-208723-12	EB-2-1126	98	113
LCS 570-508987/4-A	Lab Control Sample	101	118
LCSD 570-508987/5-A	Lab Control Sample Dup	102	115
MB 570-508987/1-A	Method Blank	103	120 p

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-508126/6
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			11/27/24 10:11	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			11/27/24 10:11	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			11/27/24 10:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			11/27/24 10:11	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			11/27/24 10:11	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			11/27/24 10:11	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			11/27/24 10:11	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			11/27/24 10:11	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			11/27/24 10:11	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			11/27/24 10:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			11/27/24 10:11	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			11/27/24 10:11	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			11/27/24 10:11	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			11/27/24 10:11	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			11/27/24 10:11	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			11/27/24 10:11	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			11/27/24 10:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			11/27/24 10:11	1
Acetone	ND		0.020	0.0098	mg/Kg			11/27/24 10:11	1
Benzene	ND		0.0010	0.00026	mg/Kg			11/27/24 10:11	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			11/27/24 10:11	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			11/27/24 10:11	1
Bromoform	ND		0.0050	0.0013	mg/Kg			11/27/24 10:11	1
Bromomethane	ND		0.020	0.0066	mg/Kg			11/27/24 10:11	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			11/27/24 10:11	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			11/27/24 10:11	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			11/27/24 10:11	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			11/27/24 10:11	1
Chloroform	ND		0.0010	0.00059	mg/Kg			11/27/24 10:11	1
Chloromethane	ND		0.020	0.0015	mg/Kg			11/27/24 10:11	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			11/27/24 10:11	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			11/27/24 10:11	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			11/27/24 10:11	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			11/27/24 10:11	1
Ethanol	ND		0.25	0.092	mg/Kg			11/27/24 10:11	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/6
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			11/27/24 10:11	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			11/27/24 10:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			11/27/24 10:11	1
Naphthalene	ND		0.010	0.0039	mg/Kg			11/27/24 10:11	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			11/27/24 10:11	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			11/27/24 10:11	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			11/27/24 10:11	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			11/27/24 10:11	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			11/27/24 10:11	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Styrene	ND		0.0010	0.00032	mg/Kg			11/27/24 10:11	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			11/27/24 10:11	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			11/27/24 10:11	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			11/27/24 10:11	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			11/27/24 10:11	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			11/27/24 10:11	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			11/27/24 10:11	1
Toluene	ND		0.0010	0.00027	mg/Kg			11/27/24 10:11	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			11/27/24 10:11	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			11/27/24 10:11	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			11/27/24 10:11	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			11/27/24 10:11	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			11/27/24 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*		*11/27/24 10:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/27/24 10:11*	*1*
Dibromofluoromethane (Surr)	*93*		*58 - 147*		*11/27/24 10:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/27/24 10:11*	*1*

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			11/27/24 10:31	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			11/27/24 10:31	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			11/27/24 10:31	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			11/27/24 10:31	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			11/27/24 10:31	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			11/27/24 10:31	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			11/27/24 10:31	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			11/27/24 10:31	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			11/27/24 10:31	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
2-Hexanone	ND		1.0	0.15	mg/Kg			11/27/24 10:31	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			11/27/24 10:31	50
Acetone	ND		1.0	0.49	mg/Kg			11/27/24 10:31	50
Benzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Bromobenzene	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			11/27/24 10:31	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			11/27/24 10:31	50
Bromoform	ND		0.25	0.066	mg/Kg			11/27/24 10:31	50
Bromomethane	ND		1.0	0.33	mg/Kg			11/27/24 10:31	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			11/27/24 10:31	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			11/27/24 10:31	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			11/27/24 10:31	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Chloroethane	ND		0.10	0.037	mg/Kg			11/27/24 10:31	50
Chloroform	ND		0.050	0.029	mg/Kg			11/27/24 10:31	50
Chloromethane	ND		1.0	0.077	mg/Kg			11/27/24 10:31	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50
Dibromomethane	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			11/27/24 10:31	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			11/27/24 10:31	50
Ethanol	ND		13	4.6	mg/Kg			11/27/24 10:31	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			11/27/24 10:31	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			11/27/24 10:31	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			11/27/24 10:31	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			11/27/24 10:31	50
Naphthalene	ND		0.50	0.20	mg/Kg			11/27/24 10:31	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			11/27/24 10:31	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			11/27/24 10:31	50
o-Xylene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			11/27/24 10:31	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			11/27/24 10:31	50
Styrene	ND		0.050	0.016	mg/Kg			11/27/24 10:31	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			11/27/24 10:31	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508126/7
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			11/27/24 10:31	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			11/27/24 10:31	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			11/27/24 10:31	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			11/27/24 10:31	50
Toluene	ND		0.050	0.013	mg/Kg			11/27/24 10:31	50
Trichloroethene	ND		0.10	0.019	mg/Kg			11/27/24 10:31	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			11/27/24 10:31	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			11/27/24 10:31	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			11/27/24 10:31	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			11/27/24 10:31	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*32 - 179*		*11/27/24 10:31*	*50*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/27/24 10:31*	*50*
Dibromofluoromethane (Surr)	*91*		*58 - 147*		*11/27/24 10:31*	*50*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/27/24 10:31*	*50*

Lab Sample ID: LCS 570-508126/4
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05632		mg/Kg		113	80 - 125
1,1,1-Trichloroethane	0.0500	0.04755		mg/Kg		95	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04385		mg/Kg		88	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04662		mg/Kg		93	73 - 130
1,1,2-Trichloroethane	0.0500	0.05055		mg/Kg		101	80 - 123
1,1-Dichloroethane	0.0500	0.04585		mg/Kg		92	79 - 124
1,1-Dichloroethene	0.0500	0.04661		mg/Kg		93	74 - 132
1,1-Dichloropropene	0.0500	0.04617		mg/Kg		92	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05593		mg/Kg		112	80 - 123
1,2,3-Trichloropropane	0.0500	0.04791		mg/Kg		96	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05608		mg/Kg		112	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04887		mg/Kg		98	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05250		mg/Kg		105	67 - 120
1,2-Dibromoethane	0.0500	0.04992		mg/Kg		100	80 - 120
1,2-Dichlorobenzene	0.0500	0.04951		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0500	0.04814		mg/Kg		96	77 - 120
1,2-Dichloropropane	0.0500	0.05040		mg/Kg		101	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04857		mg/Kg		97	80 - 121
1,3-Dichlorobenzene	0.0500	0.04949		mg/Kg		99	80 - 120
1,3-Dichloropropane	0.0500	0.04951		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0500	0.04870		mg/Kg		97	80 - 120
2,2-Dichloropropane	0.0500	0.04745		mg/Kg		95	73 - 135
2-Butanone (MEK)	0.0500	0.04851		mg/Kg		97	67 - 136
2-Chlorotoluene	0.0500	0.04745		mg/Kg		95	80 - 120
2-Hexanone	0.0500	0.04606		mg/Kg		92	70 - 137

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508126/4
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorotoluene	0.0500	0.04798		mg/Kg		96	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04708		mg/Kg		94	74 - 124
Acetone	0.0500	0.04547		mg/Kg		91	61 - 142
Benzene	0.0500	0.04761		mg/Kg		95	80 - 120
Bromobenzene	0.0500	0.05226		mg/Kg		105	80 - 120
Bromochloromethane	0.0500	0.04886		mg/Kg		98	80 - 120
Bromodichloromethane	0.0500	0.05235		mg/Kg		105	80 - 125
Bromoform	0.0500	0.05670		mg/Kg		113	74 - 138
Bromomethane	0.0500	0.04028		mg/Kg		81	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04594		mg/Kg		92	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05359		mg/Kg		107	80 - 123
Carbon disulfide	0.0500	0.04563		mg/Kg		91	68 - 128
Carbon tetrachloride	0.0500	0.05355		mg/Kg		107	75 - 140
Chlorobenzene	0.0500	0.04954		mg/Kg		99	80 - 120
Chloroethane	0.0500	0.04252		mg/Kg		85	76 - 137
Chloroform	0.0500	0.04437		mg/Kg		89	80 - 121
Chloromethane	0.0500	0.04117		mg/Kg		82	74 - 133
Dibromochloromethane	0.0500	0.05267		mg/Kg		105	80 - 132
Dibromomethane	0.0500	0.04924		mg/Kg		98	80 - 120
Dichlorodifluoromethane	0.0500	0.04235		mg/Kg		85	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04799		mg/Kg		96	73 - 132
Ethanol	0.500	0.6021		mg/Kg		120	46 - 159
Ethylbenzene	0.0500	0.04833		mg/Kg		97	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04591		mg/Kg		92	77 - 129
Isopropylbenzene	0.0500	0.04802		mg/Kg		96	80 - 122
Methylene Chloride	0.0500	0.04412		mg/Kg		88	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04536		mg/Kg		91	79 - 123
Naphthalene	0.0500	0.05048		mg/Kg		101	79 - 121
n-Butylbenzene	0.0500	0.04918		mg/Kg		98	79 - 131
N-Propylbenzene	0.0500	0.04775		mg/Kg		95	80 - 122
o-Xylene	0.0500	0.04641		mg/Kg		93	80 - 120
m,p-Xylene	0.100	0.09277		mg/Kg		93	80 - 120
p-Isopropyltoluene	0.0500	0.04976		mg/Kg		100	80 - 126
sec-Butylbenzene	0.0500	0.04825		mg/Kg		96	80 - 125
Styrene	0.0500	0.04811		mg/Kg		96	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04638		mg/Kg		93	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05137		mg/Kg		103	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04779		mg/Kg		96	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2491		mg/Kg		100	74 - 123
tert-Butylbenzene	0.0500	0.04801		mg/Kg		96	80 - 124
Tetrachloroethene	0.0500	0.05189		mg/Kg		104	80 - 122
Toluene	0.0500	0.04735		mg/Kg		95	80 - 120
Trichloroethene	0.0500	0.05169		mg/Kg		103	80 - 127
Trichlorofluoromethane	0.0500	0.04243		mg/Kg		85	70 - 144
Vinyl acetate	0.0500	0.04612		mg/Kg		92	71 - 125
Vinyl chloride	0.0500	0.04089		mg/Kg		82	79 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508126/4
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		32 - 179
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	95		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-508126/5
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05599		mg/Kg		112	80 - 125	1	20
1,1,1-Trichloroethane			0.0500	0.04743		mg/Kg		95	78 - 130	0	20
1,1,2,2-Tetrachloroethane			0.0500	0.04606		mg/Kg		92	80 - 124	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04650		mg/Kg		93	73 - 130	0	20
1,1,2-Trichloroethane			0.0500	0.05073		mg/Kg		101	80 - 123	0	20
1,1-Dichloroethane			0.0500	0.04622		mg/Kg		92	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.04516		mg/Kg		90	74 - 132	3	20
1,1-Dichloropropene			0.0500	0.04551		mg/Kg		91	78 - 130	1	20
1,2,3-Trichlorobenzene			0.0500	0.05622		mg/Kg		112	80 - 123	1	20
1,2,3-Trichloropropane			0.0500	0.04836		mg/Kg		97	79 - 120	1	20
1,2,4-Trichlorobenzene			0.0500	0.05605		mg/Kg		112	80 - 125	0	20
1,2,4-Trimethylbenzene			0.0500	0.04938		mg/Kg		99	80 - 124	1	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05137		mg/Kg		103	67 - 120	2	20
1,2-Dibromoethane			0.0500	0.05015		mg/Kg		100	80 - 120	0	20
1,2-Dichlorobenzene			0.0500	0.04987		mg/Kg		100	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.04858		mg/Kg		97	77 - 120	1	20
1,2-Dichloropropane			0.0500	0.05048		mg/Kg		101	80 - 126	0	20
1,3,5-Trimethylbenzene			0.0500	0.04886		mg/Kg		98	80 - 121	1	20
1,3-Dichlorobenzene			0.0500	0.05049		mg/Kg		101	80 - 120	2	20
1,3-Dichloropropane			0.0500	0.04885		mg/Kg		98	80 - 120	1	20
1,4-Dichlorobenzene			0.0500	0.05006		mg/Kg		100	80 - 120	3	20
2,2-Dichloropropane			0.0500	0.04735		mg/Kg		95	73 - 135	0	20
2-Butanone (MEK)			0.0500	0.04843		mg/Kg		97	67 - 136	0	20
2-Chlorotoluene			0.0500	0.04757		mg/Kg		95	80 - 120	0	20
2-Hexanone			0.0500	0.04699		mg/Kg		94	70 - 137	2	20
4-Chlorotoluene			0.0500	0.04844		mg/Kg		97	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04957		mg/Kg		99	74 - 124	5	20
Acetone			0.0500	0.04429		mg/Kg		89	61 - 142	3	23
Benzene			0.0500	0.04729		mg/Kg		95	80 - 120	1	20
Bromobenzene			0.0500	0.05249		mg/Kg		105	80 - 120	0	20
Bromochloromethane			0.0500	0.04828		mg/Kg		97	80 - 120	1	20
Bromodichloromethane			0.0500	0.05244		mg/Kg		105	80 - 125	0	20
Bromoform			0.0500	0.05808		mg/Kg		116	74 - 138	2	20
Bromomethane			0.0500	0.04147		mg/Kg		83	58 - 136	3	20
cis-1,2-Dichloroethene			0.0500	0.04563		mg/Kg		91	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05345		mg/Kg		107	80 - 123	0	20
Carbon disulfide			0.0500	0.04509		mg/Kg		90	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05391		mg/Kg		108	75 - 140	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508126/5
Matrix: Solid
Analysis Batch: 508126

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene			0.0500	0.04963		mg/Kg		99	80 - 120	0	20
Chloroethane			0.0500	0.04224		mg/Kg		84	76 - 137	1	20
Chloroform			0.0500	0.04355		mg/Kg		87	80 - 121	2	20
Chloromethane			0.0500	0.04170		mg/Kg		83	74 - 133	1	20
Dibromochloromethane			0.0500	0.05303		mg/Kg		106	80 - 132	1	20
Dibromomethane			0.0500	0.04969		mg/Kg		99	80 - 120	1	20
Dichlorodifluoromethane			0.0500	0.04166		mg/Kg		83	63 - 146	2	20
Di-isopropyl ether (DIPE)			0.0500	0.04766		mg/Kg		95	73 - 132	1	20
Ethanol			0.500	0.4756		mg/Kg		95	46 - 159	23	30
Ethylbenzene			0.0500	0.04794		mg/Kg		96	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04518		mg/Kg		90	77 - 129	2	20
Isopropylbenzene			0.0500	0.04826		mg/Kg		97	80 - 122	0	20
Methylene Chloride			0.0500	0.04376		mg/Kg		88	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04440		mg/Kg		89	79 - 123	2	20
Naphthalene			0.0500	0.05153		mg/Kg		103	79 - 121	2	20
n-Butylbenzene			0.0500	0.04957		mg/Kg		99	79 - 131	1	20
N-Propylbenzene			0.0500	0.04772		mg/Kg		95	80 - 122	0	20
o-Xylene			0.0500	0.04636		mg/Kg		93	80 - 120	0	20
m,p-Xylene			0.100	0.09327		mg/Kg		93	80 - 120	1	20
p-Isopropyltoluene			0.0500	0.05015		mg/Kg		100	80 - 126	1	20
sec-Butylbenzene			0.0500	0.04871		mg/Kg		97	80 - 125	1	20
Styrene			0.0500	0.04796		mg/Kg		96	80 - 120	0	20
trans-1,2-Dichloroethene			0.0500	0.04570		mg/Kg		91	75 - 123	1	20
trans-1,3-Dichloropropene			0.0500	0.05078		mg/Kg		102	80 - 124	1	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04807		mg/Kg		96	80 - 120	1	20
tert-Butyl alcohol (TBA)			0.250	0.2572		mg/Kg		103	74 - 123	3	20
tert-Butylbenzene			0.0500	0.04903		mg/Kg		98	80 - 124	2	20
Tetrachloroethene			0.0500	0.05263		mg/Kg		105	80 - 122	1	20
Toluene			0.0500	0.04736		mg/Kg		95	80 - 120	0	20
Trichloroethene			0.0500	0.05168		mg/Kg		103	80 - 127	0	20
Trichlorofluoromethane			0.0500	0.04176		mg/Kg		84	70 - 144	2	20
Vinyl acetate			0.0500	0.04550		mg/Kg		91	71 - 125	1	20
Vinyl chloride			0.0500	0.04114		mg/Kg		82	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-508630/7
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			11/30/24 09:08	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			11/30/24 09:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			11/30/24 09:08	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508630/7
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			11/30/24 09:08	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			11/30/24 09:08	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			11/30/24 09:08	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 09:08	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			11/30/24 09:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			11/30/24 09:08	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			11/30/24 09:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			11/30/24 09:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			11/30/24 09:08	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			11/30/24 09:08	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			11/30/24 09:08	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 09:08	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			11/30/24 09:08	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			11/30/24 09:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			11/30/24 09:08	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			11/30/24 09:08	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			11/30/24 09:08	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			11/30/24 09:08	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			11/30/24 09:08	1
2-Butanone (MEK)	ND		10	4.5	ug/L			11/30/24 09:08	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			11/30/24 09:08	1
2-Hexanone	ND		10	2.7	ug/L			11/30/24 09:08	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			11/30/24 09:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			11/30/24 09:08	1
Acetone	ND		10	7.4	ug/L			11/30/24 09:08	1
Benzene	ND		0.50	0.24	ug/L			11/30/24 09:08	1
Bromobenzene	ND		1.0	0.29	ug/L			11/30/24 09:08	1
Bromochloromethane	ND		2.0	0.38	ug/L			11/30/24 09:08	1
Bromodichloromethane	ND		1.0	0.29	ug/L			11/30/24 09:08	1
Bromoform	ND		5.0	1.9	ug/L			11/30/24 09:08	1
Bromomethane	ND		25	7.4	ug/L			11/30/24 09:08	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			11/30/24 09:08	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			11/30/24 09:08	1
Carbon disulfide	ND		10	0.42	ug/L			11/30/24 09:08	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			11/30/24 09:08	1
Chlorobenzene	ND		1.0	0.26	ug/L			11/30/24 09:08	1
Chloroethane	ND		5.0	1.9	ug/L			11/30/24 09:08	1
Chloroform	ND		1.0	0.32	ug/L			11/30/24 09:08	1
Chloromethane	ND		10	2.2	ug/L			11/30/24 09:08	1
Dibromochloromethane	ND		2.0	0.37	ug/L			11/30/24 09:08	1
Dibromomethane	ND		1.0	0.33	ug/L			11/30/24 09:08	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			11/30/24 09:08	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			11/30/24 09:08	1
Ethanol	ND		100	52	ug/L			11/30/24 09:08	1
Ethylbenzene	ND		1.0	0.30	ug/L			11/30/24 09:08	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			11/30/24 09:08	1
Isopropylbenzene	ND		1.0	0.41	ug/L			11/30/24 09:08	1
Methylene Chloride	ND		10	3.0	ug/L			11/30/24 09:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			11/30/24 09:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508630/7
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			11/30/24 09:08	1
n-Butylbenzene	ND		1.0	0.53	ug/L			11/30/24 09:08	1
N-Propylbenzene	ND		1.0	0.47	ug/L			11/30/24 09:08	1
o-Xylene	ND		1.0	0.27	ug/L			11/30/24 09:08	1
m,p-Xylene	ND		2.0	0.49	ug/L			11/30/24 09:08	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			11/30/24 09:08	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			11/30/24 09:08	1
Styrene	ND		1.0	0.38	ug/L			11/30/24 09:08	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			11/30/24 09:08	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			11/30/24 09:08	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			11/30/24 09:08	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			11/30/24 09:08	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			11/30/24 09:08	1
Tetrachloroethene	ND		1.0	0.40	ug/L			11/30/24 09:08	1
Toluene	ND		1.0	0.30	ug/L			11/30/24 09:08	1
Trichloroethene	ND		1.0	0.39	ug/L			11/30/24 09:08	1
Trichlorofluoromethane	ND		10	0.75	ug/L			11/30/24 09:08	1
Vinyl acetate	ND		10	5.0	ug/L			11/30/24 09:08	1
Vinyl chloride	ND		0.50	0.43	ug/L			11/30/24 09:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 123*		*11/30/24 09:08*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*11/30/24 09:08*	*1*
Dibromofluoromethane (Surr)	*96*		*78 - 120*		*11/30/24 09:08*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/30/24 09:08*	*1*

Lab Sample ID: LCS 570-508630/1003
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.80		ug/L		94	80 - 122
1,1,1-Trichloroethane	20.0	18.38		ug/L		92	78 - 125
1,1,2,2-Tetrachloroethane	20.0	18.88		ug/L		94	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.50		ug/L		88	72 - 138
1,1,2-Trichloroethane	20.0	19.34		ug/L		97	80 - 124
1,1-Dichloroethane	20.0	18.37		ug/L		92	80 - 127
1,1-Dichloroethene	20.0	16.94		ug/L		85	80 - 133
1,1-Dichloropropene	20.0	17.83		ug/L		89	79 - 126
1,2,3-Trichlorobenzene	20.0	18.65		ug/L		93	79 - 128
1,2,3-Trichloropropane	20.0	19.91		ug/L		100	71 - 128
1,2,4-Trichlorobenzene	20.0	18.12		ug/L		91	77 - 126
1,2,4-Trimethylbenzene	20.0	19.22		ug/L		96	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	17.35		ug/L		87	66 - 122
1,2-Dibromoethane	20.0	19.46		ug/L		97	80 - 120
1,2-Dichlorobenzene	20.0	19.32		ug/L		97	80 - 121
1,2-Dichloroethane	20.0	17.85		ug/L		89	77 - 122
1,2-Dichloropropane	20.0	18.91		ug/L		95	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508630/1003
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	20.0	20.17		ug/L		101	80 - 123
1,3-Dichlorobenzene	20.0	18.86		ug/L		94	80 - 120
1,3-Dichloropropane	20.0	19.19		ug/L		96	80 - 121
1,4-Dichlorobenzene	20.0	18.45		ug/L		92	80 - 120
2,2-Dichloropropane	20.0	18.80		ug/L		94	68 - 143
2-Butanone (MEK)	20.0	16.74		ug/L		84	61 - 139
2-Chlorotoluene	20.0	19.61		ug/L		98	80 - 121
2-Hexanone	20.0	18.53		ug/L		93	63 - 134
4-Chlorotoluene	20.0	18.13		ug/L		91	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	18.03		ug/L		90	67 - 125
Acetone	20.0	17.43		ug/L		87	45 - 150
Benzene	20.0	20.13		ug/L		101	80 - 121
Bromobenzene	20.0	19.79		ug/L		99	80 - 120
Bromochloromethane	20.0	21.10		ug/L		106	80 - 121
Bromodichloromethane	20.0	19.41		ug/L		97	80 - 121
Bromoform	20.0	18.97		ug/L		95	78 - 124
Bromomethane	20.0	21.08	J	ug/L		105	48 - 156
cis-1,2-Dichloroethene	20.0	19.65		ug/L		98	80 - 125
cis-1,3-Dichloropropene	20.0	18.62		ug/L		93	80 - 120
Carbon disulfide	20.0	17.83		ug/L		89	76 - 129
Carbon tetrachloride	20.0	18.94		ug/L		95	71 - 137
Chlorobenzene	20.0	19.66		ug/L		98	80 - 120
Chloroethane	20.0	18.60		ug/L		93	73 - 138
Chloroform	20.0	18.63		ug/L		93	80 - 121
Chloromethane	20.0	18.12		ug/L		91	57 - 138
Dibromochloromethane	20.0	19.17		ug/L		96	80 - 126
Dibromomethane	20.0	19.93		ug/L		100	80 - 120
Dichlorodifluoromethane	20.0	17.43		ug/L		87	44 - 148
Di-isopropyl ether (DIPE)	20.0	17.72		ug/L		89	75 - 134
Ethanol	200	194.9		ug/L		97	50 - 168
Ethylbenzene	20.0	19.83		ug/L		99	80 - 121
Ethyl-t-butyl ether (ETBE)	20.0	18.75		ug/L		94	80 - 124
Isopropylbenzene	20.0	19.89		ug/L		99	80 - 121
Methylene Chloride	20.0	19.11		ug/L		96	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	18.80		ug/L		94	78 - 123
Naphthalene	20.0	17.24		ug/L		86	65 - 133
n-Butylbenzene	20.0	18.24		ug/L		91	80 - 125
N-Propylbenzene	20.0	20.16		ug/L		101	80 - 125
o-Xylene	20.0	19.82		ug/L		99	80 - 122
m,p-Xylene	40.0	39.63		ug/L		99	80 - 123
p-Isopropyltoluene	20.0	18.94		ug/L		95	80 - 124
sec-Butylbenzene	20.0	18.76		ug/L		94	80 - 122
Styrene	20.0	19.24		ug/L		96	80 - 120
trans-1,2-Dichloroethene	20.0	18.95		ug/L		95	80 - 122
trans-1,3-Dichloropropene	20.0	18.70		ug/L		93	80 - 125
Tert-amyl-methyl ether (TAME)	20.0	19.70		ug/L		99	74 - 125
tert-Butyl alcohol (TBA)	100	102.6		ug/L		103	70 - 141
tert-Butylbenzene	20.0	18.80		ug/L		94	80 - 122
Tetrachloroethene	20.0	19.27		ug/L		96	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508630/1003
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	19.38		ug/L		97	80 - 120
Trichloroethene	20.0	18.43		ug/L		92	80 - 120
Trichlorofluoromethane	20.0	18.35		ug/L		92	67 - 142
Vinyl acetate	20.0	18.13		ug/L		91	62 - 140
Vinyl chloride	20.0	18.66		ug/L		93	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-508630/4
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	18.77		ug/L		94	80 - 122	0	20
1,1,1-Trichloroethane	20.0	17.33		ug/L		87	78 - 125	6	20
1,1,2,2-Tetrachloroethane	20.0	20.04		ug/L		100	79 - 127	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.51		ug/L		83	72 - 138	6	20
1,1,2-Trichloroethane	20.0	19.11		ug/L		96	80 - 124	1	20
1,1-Dichloroethane	20.0	17.81		ug/L		89	80 - 127	3	20
1,1-Dichloroethene	20.0	16.22		ug/L		81	80 - 133	4	20
1,1-Dichloropropene	20.0	17.23		ug/L		86	79 - 126	3	20
1,2,3-Trichlorobenzene	20.0	19.32		ug/L		97	79 - 128	4	20
1,2,3-Trichloropropane	20.0	20.62		ug/L		103	71 - 128	3	20
1,2,4-Trichlorobenzene	20.0	18.83		ug/L		94	77 - 126	4	20
1,2,4-Trimethylbenzene	20.0	19.08		ug/L		95	80 - 121	1	20
1,2-Dibromo-3-Chloropropane	20.0	17.94		ug/L		90	66 - 122	3	20
1,2-Dibromoethane	20.0	19.80		ug/L		99	80 - 120	2	20
1,2-Dichlorobenzene	20.0	19.05		ug/L		95	80 - 121	1	20
1,2-Dichloroethane	20.0	17.66		ug/L		88	77 - 122	1	20
1,2-Dichloropropane	20.0	19.03		ug/L		95	80 - 122	1	20
1,3,5-Trimethylbenzene	20.0	19.54		ug/L		98	80 - 123	3	20
1,3-Dichlorobenzene	20.0	18.85		ug/L		94	80 - 120	0	20
1,3-Dichloropropane	20.0	19.07		ug/L		95	80 - 121	1	20
1,4-Dichlorobenzene	20.0	18.39		ug/L		92	80 - 120	0	20
2,2-Dichloropropane	20.0	17.86		ug/L		89	68 - 143	5	20
2-Butanone (MEK)	20.0	16.14		ug/L		81	61 - 139	4	25
2-Chlorotoluene	20.0	19.02		ug/L		95	80 - 121	3	20
2-Hexanone	20.0	19.70		ug/L		99	63 - 134	6	21
4-Chlorotoluene	20.0	17.91		ug/L		90	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)	20.0	18.32		ug/L		92	67 - 125	2	20
Acetone	20.0	18.87		ug/L		94	45 - 150	8	23
Benzene	20.0	19.62		ug/L		98	80 - 121	3	20
Bromobenzene	20.0	18.95		ug/L		95	80 - 120	4	20
Bromochloromethane	20.0	20.31		ug/L		102	80 - 121	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508630/4
Matrix: Water
Analysis Batch: 508630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromodichloromethane			20.0	19.56		ug/L		98	80 - 121	1	20
Bromoform			20.0	19.06		ug/L		95	78 - 124	0	20
Bromomethane			20.0	17.69	J	ug/L		88	48 - 156	17	21
cis-1,2-Dichloroethene			20.0	19.44		ug/L		97	80 - 125	1	20
cis-1,3-Dichloropropene			20.0	18.51		ug/L		93	80 - 120	1	20
Carbon disulfide			20.0	16.92		ug/L		85	76 - 129	5	20
Carbon tetrachloride			20.0	18.16		ug/L		91	71 - 137	4	20
Chlorobenzene			20.0	18.82		ug/L		94	80 - 120	4	20
Chloroethane			20.0	17.76		ug/L		89	73 - 138	5	20
Chloroform			20.0	18.52		ug/L		93	80 - 121	1	20
Chloromethane			20.0	16.45		ug/L		82	57 - 138	10	20
Dibromochloromethane			20.0	19.45		ug/L		97	80 - 126	1	20
Dibromomethane			20.0	19.84		ug/L		99	80 - 120	0	20
Dichlorodifluoromethane			20.0	16.24		ug/L		81	44 - 148	7	28
Di-isopropyl ether (DIPE)			20.0	17.65		ug/L		88	75 - 134	0	20
Ethanol			200	203.1		ug/L		102	50 - 168	4	29
Ethylbenzene			20.0	19.13		ug/L		96	80 - 121	4	20
Ethyl-t-butyl ether (ETBE)			20.0	18.51		ug/L		93	80 - 124	1	20
Isopropylbenzene			20.0	19.45		ug/L		97	80 - 121	2	20
Methylene Chloride			20.0	18.57		ug/L		93	80 - 121	3	20
Methyl-t-Butyl Ether (MTBE)			20.0	18.80		ug/L		94	78 - 123	0	20
Naphthalene			20.0	17.69		ug/L		88	65 - 133	3	20
n-Butylbenzene			20.0	18.20		ug/L		91	80 - 125	0	20
N-Propylbenzene			20.0	19.51		ug/L		98	80 - 125	3	20
o-Xylene			20.0	19.35		ug/L		97	80 - 122	2	20
m,p-Xylene			40.0	38.07		ug/L		95	80 - 123	4	20
p-Isopropyltoluene			20.0	18.78		ug/L		94	80 - 124	1	20
sec-Butylbenzene			20.0	18.58		ug/L		93	80 - 122	1	20
Styrene			20.0	18.70		ug/L		93	80 - 120	3	20
trans-1,2-Dichloroethene			20.0	18.24		ug/L		91	80 - 122	4	20
trans-1,3-Dichloropropene			20.0	17.70		ug/L		88	80 - 125	5	20
Tert-amyl-methyl ether (TAME)			20.0	19.54		ug/L		98	74 - 125	1	20
tert-Butyl alcohol (TBA)			100	103.5		ug/L		103	70 - 141	1	20
tert-Butylbenzene			20.0	18.57		ug/L		93	80 - 122	1	20
Tetrachloroethene			20.0	18.25		ug/L		91	80 - 122	5	20
Toluene			20.0	19.09		ug/L		95	80 - 120	2	20
Trichloroethene			20.0	18.13		ug/L		91	80 - 120	2	20
Trichlorofluoromethane			20.0	17.01		ug/L		85	67 - 142	8	20
Vinyl acetate			20.0	18.10		ug/L		91	62 - 140	0	21
Vinyl chloride			20.0	17.68		ug/L		88	66 - 136	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-508150/1-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.77	ug/L		11/27/24 07:36	12/03/24 20:51	1
1,2-Dichlorobenzene	ND		10	0.59	ug/L		11/27/24 07:36	12/03/24 20:51	1
1,3-Dichlorobenzene	ND		10	0.76	ug/L		11/27/24 07:36	12/03/24 20:51	1
1,4-Dichlorobenzene	ND		10	0.70	ug/L		11/27/24 07:36	12/03/24 20:51	1
1-Methylnaphthalene	ND		10	0.95	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4-Dimethylphenol	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4-Dinitrophenol	ND		50	13	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		11/27/24 07:36	12/03/24 20:51	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Chloronaphthalene	ND		10	0.69	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Chlorophenol	ND		10	0.95	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Methylnaphthalene	ND		10	0.88	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Methylphenol	ND		10	0.80	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Nitroaniline	ND		10	1.3	ug/L		11/27/24 07:36	12/03/24 20:51	1
2-Nitrophenol	ND		10	2.3	ug/L		11/27/24 07:36	12/03/24 20:51	1
3,3'-Dichlorobenzidine	ND		10	2.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
3/4-Methylphenol	ND		10	0.76	ug/L		11/27/24 07:36	12/03/24 20:51	1
3-Nitroaniline	ND		10	1.8	ug/L		11/27/24 07:36	12/03/24 20:51	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Chloroaniline	ND		10	0.92	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Chlorophenyl phenyl ether	ND		10	1.0	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Nitroaniline	ND		10	2.7	ug/L		11/27/24 07:36	12/03/24 20:51	1
4-Nitrophenol	ND		10	3.7	ug/L		11/27/24 07:36	12/03/24 20:51	1
Acenaphthene	ND		10	0.91	ug/L		11/27/24 07:36	12/03/24 20:51	1
Acenaphthylene	ND		10	0.87	ug/L		11/27/24 07:36	12/03/24 20:51	1
Aniline	ND		10	0.79	ug/L		11/27/24 07:36	12/03/24 20:51	1
Anthracene	ND		10	0.98	ug/L		11/27/24 07:36	12/03/24 20:51	1
Azobenzene	ND		10	0.74	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzidine	ND		50	11	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzo[a]anthracene	ND		10	1.3	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzo[a]pyrene	ND		10	1.9	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzo[b]fluoranthene	ND		10	1.7	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzoic acid	ND		50	15	ug/L		11/27/24 07:36	12/03/24 20:51	1
Benzyl alcohol	ND		10	2.5	ug/L		11/27/24 07:36	12/03/24 20:51	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		11/27/24 07:36	12/03/24 20:51	1
Bis(2-chloroethyl)ether	ND		25	7.7	ug/L		11/27/24 07:36	12/03/24 20:51	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
Bis(2-ethylhexyl) phthalate	ND		10	4.9	ug/L		11/27/24 07:36	12/03/24 20:51	1
Butyl benzyl phthalate	ND		10	4.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
Chrysene	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508150/1-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		10	1.8	ug/L		11/27/24 07:36	12/03/24 20:51	1
Dibenzofuran	ND		10	1.0	ug/L		11/27/24 07:36	12/03/24 20:51	1
Diethyl phthalate	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
Dimethyl phthalate	ND		10	0.93	ug/L		11/27/24 07:36	12/03/24 20:51	1
Di-n-butyl phthalate	ND		10	1.4	ug/L		11/27/24 07:36	12/03/24 20:51	1
Di-n-octyl phthalate	ND		10	4.6	ug/L		11/27/24 07:36	12/03/24 20:51	1
Fluoranthene	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
Fluorene	ND		10	0.93	ug/L		11/27/24 07:36	12/03/24 20:51	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
Hexachlorobenzene	ND		10	0.89	ug/L		11/27/24 07:36	12/03/24 20:51	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		11/27/24 07:36	12/03/24 20:51	1
Hexachloroethane	ND		10	0.88	ug/L		11/27/24 07:36	12/03/24 20:51	1
Indeno[1,2,3-cd]pyrene	ND		10	3.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
Isophorone	ND		10	1.4	ug/L		11/27/24 07:36	12/03/24 20:51	1
Naphthalene	ND		10	3.6	ug/L		11/27/24 07:36	12/03/24 20:51	1
Nitrobenzene	ND		25	7.5	ug/L		11/27/24 07:36	12/03/24 20:51	1
N-Nitrosodimethylamine	ND		10	0.74	ug/L		11/27/24 07:36	12/03/24 20:51	1
N-Nitrosodi-n-propylamine	ND		10	1.0	ug/L		11/27/24 07:36	12/03/24 20:51	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
Pentachlorophenol	ND		10	4.8	ug/L		11/27/24 07:36	12/03/24 20:51	1
Phenanthrene	ND		10	1.1	ug/L		11/27/24 07:36	12/03/24 20:51	1
Phenol	ND		10	0.42	ug/L		11/27/24 07:36	12/03/24 20:51	1
Pyrene	ND		10	1.2	ug/L		11/27/24 07:36	12/03/24 20:51	1
Pyridine	ND		10	1.5	ug/L		11/27/24 07:36	12/03/24 20:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*27 - 140*	*11/27/24 07:36*	*12/03/24 20:51*	*1*
2-Fluorobiphenyl (Surr)	*93*		*28 - 120*	*11/27/24 07:36*	*12/03/24 20:51*	*1*
2-Fluorophenol (Surr)	*46*		*20 - 120*	*11/27/24 07:36*	*12/03/24 20:51*	*1*
Nitrobenzene-d5 (Surr)	*96*		*31 - 120*	*11/27/24 07:36*	*12/03/24 20:51*	*1*
p-Terphenyl-d14 (Surr)	*89*		*45 - 136*	*11/27/24 07:36*	*12/03/24 20:51*	*1*
Phenol-d6 (Surr)	*28*		*20 - 120*	*11/27/24 07:36*	*12/03/24 20:51*	*1*

Lab Sample ID: LCS 570-508150/2-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	100	88.75		ug/L		89	20 - 120
1,2-Dichlorobenzene	100	80.27		ug/L		80	16 - 122
1,3-Dichlorobenzene	100	80.89		ug/L		81	14 - 120
1,4-Dichlorobenzene	100	75.68		ug/L		76	15 - 120
1-Methylnaphthalene	100	88.60		ug/L		89	21 - 129
2,4,5-Trichlorophenol	100	95.92		ug/L		96	26 - 144
2,4,6-Trichlorophenol	100	97.46		ug/L		97	27 - 143
2,4-Dichlorophenol	100	85.92		ug/L		86	22 - 128
2,4-Dimethylphenol	100	89.39		ug/L		89	20 - 125
2,4-Dinitrophenol	100	122.3		ug/L		122	10 - 180

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508150/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 509710
Prep Batch: 508150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	100	93.16		ug/L		93	28 - 160
2,6-Dichlorophenol	100	93.11		ug/L		93	22 - 124
2,6-Dinitrotoluene	100	94.57		ug/L		95	30 - 157
2-Chloronaphthalene	100	91.47		ug/L		91	25 - 141
2-Chlorophenol	100	85.42		ug/L		85	22 - 129
2-Methylnaphthalene	100	102.2		ug/L		102	19 - 120
2-Methylphenol	100	81.25		ug/L		81	15 - 130
2-Nitroaniline	100	85.74		ug/L		86	17 - 141
2-Nitrophenol	100	88.80		ug/L		89	23 - 128
3,3'-Dichlorobenzidine	100	66.87		ug/L		67	18 - 162
3/4-Methylphenol	200	138.5		ug/L		69	10 - 120
3-Nitroaniline	100	78.44		ug/L		78	17 - 152
4,6-Dinitro-2-methylphenol	100	102.2		ug/L		102	11 - 159
4-Bromophenyl phenyl ether	100	90.88		ug/L		91	29 - 161
4-Chloro-3-methylphenol	100	87.00		ug/L		87	23 - 135
4-Chloroaniline	100	58.10		ug/L		58	10 - 127
4-Chlorophenyl phenyl ether	100	93.90		ug/L		94	27 - 150
4-Nitroaniline	100	92.16		ug/L		92	16 - 151
4-Nitrophenol	100	39.05		ug/L		39	10 - 120
Acenaphthene	100	99.33		ug/L		99	26 - 143
Acenaphthylene	100	98.13		ug/L		98	21 - 156
Aniline	100	30.63		ug/L		31	10 - 120
Anthracene	100	102.1		ug/L		102	28 - 155
Azobenzene	100	99.10		ug/L		99	19 - 146
Benzidine	100	12.09	J	ug/L		12	10 - 120
Benzo[a]anthracene	100	102.4		ug/L		102	26 - 159
Benzo[a]pyrene	100	108.2		ug/L		108	27 - 164
Benzo[b]fluoranthene	100	100.7		ug/L		101	26 - 166
Benzo[g,h,i]perylene	100	102.2		ug/L		102	26 - 162
Benzo[k]fluoranthene	100	109.7		ug/L		110	30 - 165
Benzoic acid	100	44.10	J	ug/L		44	10 - 123
Benzyl alcohol	100	74.01		ug/L		74	10 - 151
Bis(2-chloroethoxy)methane	100	95.21		ug/L		95	19 - 129
Bis(2-chloroethyl)ether	100	85.91		ug/L		86	19 - 136
bis (2-Chloroisopropyl) ether	100	74.08		ug/L		74	10 - 154
Bis(2-ethylhexyl) phthalate	100	89.05		ug/L		89	27 - 163
Butyl benzyl phthalate	100	81.69		ug/L		82	26 - 161
Chrysene	100	100.0		ug/L		100	26 - 153
Dibenz(a,h)anthracene	100	101.3		ug/L		101	26 - 153
Dibenzofuran	100	95.89		ug/L		96	27 - 139
Diethyl phthalate	100	90.38		ug/L		90	28 - 149
Dimethyl phthalate	100	88.23		ug/L		88	29 - 148
Di-n-butyl phthalate	100	85.47		ug/L		85	30 - 151
Di-n-octyl phthalate	100	87.11		ug/L		87	40 - 166
Fluoranthene	100	96.66		ug/L		97	28 - 159
Fluorene	100	106.7		ug/L		107	26 - 149
Hexachloro-1,3-butadiene	100	93.50		ug/L		93	17 - 120
Hexachlorobenzene	100	85.11		ug/L		85	20 - 157
Hexachlorocyclopentadiene	100	99.83		ug/L		100	21 - 145

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508150/2-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508150

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Hexachloroethane			100	76.31		ug/L		76	11 - 121		
Indeno[1,2,3-cd]pyrene			100	109.9		ug/L		110	23 - 162		
Isophorone			100	93.40		ug/L		93	15 - 146		
Naphthalene			100	96.44		ug/L		96	19 - 120		
Nitrobenzene			100	92.40		ug/L		92	17 - 120		
N-Nitrosodimethylamine			100	60.78		ug/L		61	10 - 120		
N-Nitrosodi-n-propylamine			100	80.82		ug/L		81	19 - 138		
n-Nitrosodiphenylamine(as diphenylamine)			100	105.7		ug/L		106	30 - 168		
Pentachlorophenol			100	99.09		ug/L		99	10 - 153		
Phenanthrene			100	103.5		ug/L		104	27 - 150		
Phenol			100	38.57		ug/L		39	10 - 120		
Pyrene			100	104.1		ug/L		104	23 - 153		
Pyridine			100	4.309	J *- me	ug/L		4	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*27 - 140*
2-Fluorobiphenyl (Surr)	*94*		*28 - 120*
2-Fluorophenol (Surr)	*56*		*20 - 120*
Nitrobenzene-d5 (Surr)	*93*		*31 - 120*
p-Terphenyl-d14 (Surr)	*94*		*45 - 136*
Phenol-d6 (Surr)	*36*		*20 - 120*

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508150

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			100	80.74		ug/L		81	20 - 120	9	27
1,2-Dichlorobenzene			100	74.42		ug/L		74	16 - 122	8	30
1,3-Dichlorobenzene			100	72.13		ug/L		72	14 - 120	11	30
1,4-Dichlorobenzene			100	67.90		ug/L		68	15 - 120	11	30
1-Methylnaphthalene			100	79.91		ug/L		80	21 - 129	10	26
2,4,5-Trichlorophenol			100	85.26		ug/L		85	26 - 144	12	27
2,4,6-Trichlorophenol			100	89.29		ug/L		89	27 - 143	9	27
2,4-Dichlorophenol			100	84.25		ug/L		84	22 - 128	2	24
2,4-Dimethylphenol			100	83.32		ug/L		83	20 - 125	7	23
2,4-Dinitrophenol			100	103.6		ug/L		104	10 - 180	17	30
2,4-Dinitrotoluene			100	78.55		ug/L		79	28 - 160	17	27
2,6-Dichlorophenol			100	83.07		ug/L		83	22 - 124	11	24
2,6-Dinitrotoluene			100	85.73		ug/L		86	30 - 157	10	26
2-Chloronaphthalene			100	83.45		ug/L		83	25 - 141	9	27
2-Chlorophenol			100	77.41		ug/L		77	22 - 129	10	27
2-Methylnaphthalene			100	91.83		ug/L		92	19 - 120	11	25
2-Methylphenol			100	73.75		ug/L		74	15 - 130	10	27
2-Nitroaniline			100	77.22		ug/L		77	17 - 141	10	30
2-Nitrophenol			100	84.40		ug/L		84	23 - 128	5	27
3,3'-Dichlorobenzidine			100	69.03		ug/L		69	18 - 162	3	30
3/4-Methylphenol			200	124.1		ug/L		62	10 - 120	11	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	100	73.62		ug/L		74	17 - 152	6	30
4,6-Dinitro-2-methylphenol	100	93.32		ug/L		93	11 - 159	9	27
4-Bromophenyl phenyl ether	100	73.79		ug/L		74	29 - 161	21	25
4-Chloro-3-methylphenol	100	77.86		ug/L		78	23 - 135	11	21
4-Chloroaniline	100	77.25		ug/L		77	10 - 127	28	30
4-Chlorophenyl phenyl ether	100	82.64		ug/L		83	27 - 150	13	25
4-Nitroaniline	100	81.60		ug/L		82	16 - 151	12	30
4-Nitrophenol	100	32.35		ug/L		32	10 - 120	19	29
Acenaphthene	100	88.72		ug/L		89	26 - 143	11	26
Acenaphthylene	100	90.66		ug/L		91	21 - 156	8	27
Aniline	100	73.85	*1	ug/L		74	10 - 120	83	30
Anthracene	100	85.71		ug/L		86	28 - 155	17	25
Azobenzene	100	81.74		ug/L		82	19 - 146	19	24
Benzidine	100	ND	*- me *1	ug/L		6	10 - 120	63	30
Benzo[a]anthracene	100	89.36		ug/L		89	26 - 159	14	24
Benzo[a]pyrene	100	91.78		ug/L		92	27 - 164	16	25
Benzo[b]fluoranthene	100	83.53		ug/L		84	26 - 166	19	25
Benzo[g,h,i]perylene	100	78.86		ug/L		79	26 - 162	26	26
Benzo[k]fluoranthene	100	90.27		ug/L		90	30 - 165	19	25
Benzoic acid	100	39.37	J	ug/L		39	10 - 123	11	30
Benzyl alcohol	100	70.24		ug/L		70	10 - 151	5	25
Bis(2-chloroethoxy)methane	100	90.98		ug/L		91	19 - 129	5	25
Bis(2-chloroethyl)ether	100	87.66		ug/L		88	19 - 136	2	29
bis (2-Chloroisopropyl) ether	100	66.77		ug/L		67	10 - 154	10	28
Bis(2-ethylhexyl) phthalate	100	74.90		ug/L		75	27 - 163	17	24
Butyl benzyl phthalate	100	68.26		ug/L		68	26 - 161	18	25
Chrysene	100	82.59		ug/L		83	26 - 153	19	24
Dibenz(a,h)anthracene	100	84.20		ug/L		84	26 - 153	18	26
Dibenzofuran	100	84.48		ug/L		84	27 - 139	13	25
Diethyl phthalate	100	75.08		ug/L		75	28 - 149	18	25
Dimethyl phthalate	100	79.89		ug/L		80	29 - 148	10	24
Di-n-butyl phthalate	100	71.74		ug/L		72	30 - 151	17	24
Di-n-octyl phthalate	100	75.86		ug/L		76	40 - 166	14	22
Fluoranthene	100	74.18		ug/L		74	28 - 159	26	26
Fluorene	100	92.87		ug/L		93	26 - 149	14	26
Hexachloro-1,3-butadiene	100	80.24		ug/L		80	17 - 120	15	28
Hexachlorobenzene	100	68.34		ug/L		68	20 - 157	22	25
Hexachlorocyclopentadiene	100	95.16		ug/L		95	21 - 145	5	30
Hexachloroethane	100	68.83		ug/L		69	11 - 121	10	30
Indeno[1,2,3-cd]pyrene	100	85.32		ug/L		85	23 - 162	25	30
Isophorone	100	82.46		ug/L		82	15 - 146	12	24
Naphthalene	100	81.88		ug/L		82	19 - 120	16	26
Nitrobenzene	100	88.96		ug/L		89	17 - 120	4	26
N-Nitrosodimethylamine	100	57.13		ug/L		57	10 - 120	6	30
N-Nitrosodi-n-propylamine	100	72.85		ug/L		73	19 - 138	10	27
n-Nitrosodiphenylamine(as diphenylamine)	100	94.39		ug/L		94	30 - 168	11	25
Pentachlorophenol	100	84.15		ug/L		84	10 - 153	16	29
Phenanthrene	100	86.41		ug/L		86	27 - 150	18	24

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water
Analysis Batch: 509710

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508150

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol			100	30.76		ug/L		31	10 - 120	23	26
Pyrene			100	92.10		ug/L		92	23 - 153	12	27
Pyridine			100	30.42	*1	ug/L		30	10 - 120	150	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*27 - 140*
2-Fluorobiphenyl (Surr)	*85*		*28 - 120*
2-Fluorophenol (Surr)	*49*		*20 - 120*
Nitrobenzene-d5 (Surr)	*85*		*31 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 136*
Phenol-d6 (Surr)	*31*		*20 - 120*

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Acenaphthene	ND		0.50	0.079	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		11/27/24 12:05	12/02/24 23:24	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Anthracene	ND		0.50	0.078	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Azobenzene	ND		0.50	0.078	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzidine	ND		5.0	0.58	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzoic acid	ND		2.5	0.67	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Chrysene	ND		0.50	0.083	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dibenz(a,h)anthracene	0.08134	J	0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Fluoranthene	ND		0.50	0.095	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Fluorene	ND		0.50	0.094	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Isophorone	ND		0.50	0.080	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Naphthalene	ND		0.50	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Phenanthrene	ND		0.50	0.072	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Phenol	ND		0.50	0.097	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pyrene	ND		0.50	0.10	mg/Kg		11/27/24 12:05	12/02/24 23:24	1
Pyridine	ND		0.50	0.24	mg/Kg		11/27/24 12:05	12/02/24 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 134*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 123*	*11/27/24 12:05*	*12/02/24 23:24*	*1*
Nitrobenzene-d5 (Surr)	*96*		*10 - 129*	*11/27/24 12:05*	*12/02/24 23:24*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-508281/1-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508281

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	90		31 - 139	11/27/24 12:05	12/02/24 23:24	1
Phenol-d6 (Surr)	93		10 - 120	11/27/24 12:05	12/02/24 23:24	1

Lab Sample ID: LCS 570-508281/2-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.824		mg/Kg		96	24 - 137
1,2-Dichlorobenzene	5.00	4.897		mg/Kg		98	24 - 148
1,3-Dichlorobenzene	5.00	4.846		mg/Kg		97	22 - 144
1,4-Dichlorobenzene	5.00	4.458		mg/Kg		89	24 - 143
1-Methylnaphthalene	5.00	4.829		mg/Kg		97	26 - 143
2,4,5-Trichlorophenol	5.00	4.901		mg/Kg		98	24 - 139
2,4,6-Trichlorophenol	5.00	4.984		mg/Kg		100	26 - 140
2,4-Dichlorophenol	5.00	5.219		mg/Kg		104	24 - 139
2,4-Dimethylphenol	5.00	4.957		mg/Kg		99	23 - 136
2,4-Dinitrophenol	5.00	4.790		mg/Kg		96	10 - 174
2,4-Dinitrotoluene	4.00	4.591		mg/Kg		115	28 - 166
2,6-Dichlorophenol	5.00	5.030		mg/Kg		101	23 - 134
2,6-Dinitrotoluene	4.00	4.426		mg/Kg		111	30 - 157
2-Chloronaphthalene	5.00	4.919		mg/Kg		98	30 - 144
2-Chlorophenol	5.00	5.158		mg/Kg		103	26 - 157
2-Methylnaphthalene	5.00	5.544		mg/Kg		111	23 - 134
2-Methylphenol	5.00	5.259		mg/Kg		105	30 - 161
2-Nitroaniline	5.00	4.728		mg/Kg		95	16 - 142
2-Nitrophenol	5.00	4.948		mg/Kg		99	23 - 142
3,3'-Dichlorobenzidine	5.00	4.158		mg/Kg		83	28 - 143
3/4-Methylphenol	10.0	10.72		mg/Kg		107	10 - 120
3-Nitroaniline	5.00	4.647		mg/Kg		93	25 - 138
4,6-Dinitro-2-methylphenol	5.00	5.322		mg/Kg		106	10 - 144
4-Bromophenyl phenyl ether	5.00	4.914		mg/Kg		98	33 - 150
4-Chloro-3-methylphenol	5.00	5.014		mg/Kg		100	23 - 142
4-Chloroaniline	5.00	4.079		mg/Kg		82	12 - 120
4-Chlorophenyl phenyl ether	5.00	5.035		mg/Kg		101	29 - 143
4-Nitroaniline	5.00	5.206		mg/Kg		104	26 - 147
4-Nitrophenol	5.00	5.259		mg/Kg		105	10 - 145
Acenaphthene	5.00	4.844		mg/Kg		97	30 - 144
Acenaphthylene	5.00	4.709		mg/Kg		94	28 - 148
Aniline	5.00	3.938		mg/Kg		79	10 - 120
Anthracene	5.00	5.271		mg/Kg		105	30 - 149
Azobenzene	4.00	4.205		mg/Kg		105	14 - 147
Benzidine	5.00	1.384	J	mg/Kg		28	10 - 120
Benzo[a]anthracene	5.00	5.364		mg/Kg		107	27 - 156
Benzo[a]pyrene	5.00	5.546		mg/Kg		111	36 - 157
Benzo[b]fluoranthene	5.00	5.337		mg/Kg		107	35 - 159
Benzo[g,h,i]perylene	5.00	4.965		mg/Kg		99	30 - 156
Benzo[k]fluoranthene	5.00	5.378		mg/Kg		108	35 - 159

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508281/2-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzoic acid	5.00	3.505		mg/Kg		70	10 - 136
Benzyl alcohol	4.00	4.358		mg/Kg		109	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.838		mg/Kg		97	21 - 140
Bis(2-chloroethyl)ether	5.00	4.854		mg/Kg		97	22 - 151
bis (2-Chloroisopropyl) ether	5.00	4.690		mg/Kg		94	10 - 179
Bis(2-ethylhexyl) phthalate	4.00	4.507		mg/Kg		113	23 - 166
Butyl benzyl phthalate	4.00	4.576		mg/Kg		114	18 - 170
Chrysene	5.00	5.195		mg/Kg		104	28 - 145
Dibenz(a,h)anthracene	5.00	5.381		mg/Kg		108	32 - 149
Dibenzofuran	4.00	4.136		mg/Kg		103	29 - 143
Diethyl phthalate	4.00	4.333		mg/Kg		108	26 - 151
Dimethyl phthalate	4.00	4.216		mg/Kg		105	27 - 150
Di-n-butyl phthalate	4.00	4.410		mg/Kg		110	27 - 152
Di-n-octyl phthalate	4.00	4.434		mg/Kg		111	40 - 178
Fluoranthene	5.00	5.292		mg/Kg		106	33 - 156
Fluorene	5.00	5.069		mg/Kg		101	27 - 146
Hexachloro-1,3-butadiene	5.00	5.074		mg/Kg		101	22 - 140
Hexachlorobenzene	5.00	5.002		mg/Kg		100	20 - 143
Hexachlorocyclopentadiene	5.00	4.931		mg/Kg		99	10 - 172
Hexachloroethane	5.00	4.872		mg/Kg		97	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	5.413		mg/Kg		108	38 - 157
Isophorone	4.00	3.806		mg/Kg		95	15 - 165
Naphthalene	5.00	4.808		mg/Kg		96	25 - 140
Nitrobenzene	4.00	4.003		mg/Kg		100	17 - 136
N-Nitrosodimethylamine	5.00	4.233		mg/Kg		85	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.547		mg/Kg		91	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.513		mg/Kg		110	33 - 166
Pentachlorophenol	5.00	4.875		mg/Kg		97	10 - 141
Phenanthrene	5.00	5.081		mg/Kg		102	29 - 144
Phenol	5.00	5.475		mg/Kg		109	19 - 164
Pyrene	5.00	5.388		mg/Kg		108	17 - 156
Pyridine	5.00	3.440		mg/Kg		69	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 134*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*
2-Fluorophenol (Surr)	*104*		*10 - 123*
Nitrobenzene-d5 (Surr)	*87*		*10 - 129*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*
Phenol-d6 (Surr)	*103*		*10 - 120*

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.423		mg/Kg		88	24 - 137	9	30
1,2-Dichlorobenzene	5.00	4.227		mg/Kg		85	24 - 148	15	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	5.00	3.971		mg/Kg		79	22 - 144	20	30
1,4-Dichlorobenzene	5.00	3.702		mg/Kg		74	24 - 143	19	30
1-Methylnaphthalene	5.00	4.278		mg/Kg		86	26 - 143	12	24
2,4,5-Trichlorophenol	5.00	4.249		mg/Kg		85	24 - 139	14	21
2,4,6-Trichlorophenol	5.00	4.257		mg/Kg		85	26 - 140	16	23
2,4-Dichlorophenol	5.00	4.336		mg/Kg		87	24 - 139	18	27
2,4-Dimethylphenol	5.00	4.351		mg/Kg		87	23 - 136	13	27
2,4-Dinitrophenol	5.00	3.907		mg/Kg		78	10 - 174	20	27
2,4-Dinitrotoluene	4.00	3.887		mg/Kg		97	28 - 166	17	27
2,6-Dichlorophenol	5.00	4.411		mg/Kg		88	23 - 134	13	25
2,6-Dinitrotoluene	4.00	3.775		mg/Kg		94	30 - 157	16	25
2-Chloronaphthalene	5.00	4.141		mg/Kg		83	30 - 144	17	22
2-Chlorophenol	5.00	4.358		mg/Kg		87	26 - 157	17	30
2-Methylnaphthalene	5.00	4.848		mg/Kg		97	23 - 134	13	27
2-Methylphenol	5.00	4.463		mg/Kg		89	30 - 161	16	28
2-Nitroaniline	5.00	3.796		mg/Kg		76	16 - 142	22	30
2-Nitrophenol	5.00	4.391		mg/Kg		88	23 - 142	12	30
3,3'-Dichlorobenzidine	5.00	3.312		mg/Kg		66	28 - 143	23	23
3/4-Methylphenol	10.0	8.805		mg/Kg		88	10 - 120	20	30
3-Nitroaniline	5.00	3.653		mg/Kg		73	25 - 138	24	27
4,6-Dinitro-2-methylphenol	5.00	4.422		mg/Kg		88	10 - 144	18	23
4-Bromophenyl phenyl ether	5.00	4.317		mg/Kg		86	33 - 150	13	22
4-Chloro-3-methylphenol	5.00	4.382		mg/Kg		88	23 - 142	13	30
4-Chloroaniline	5.00	3.330		mg/Kg		67	12 - 120	20	29
4-Chlorophenyl phenyl ether	5.00	4.059		mg/Kg		81	29 - 143	21	23
4-Nitroaniline	5.00	4.248		mg/Kg		85	26 - 147	20	29
4-Nitrophenol	5.00	4.550		mg/Kg		91	10 - 145	14	30
Acenaphthene	5.00	4.166		mg/Kg		83	30 - 144	15	22
Acenaphthylene	5.00	3.992		mg/Kg		80	28 - 148	16	25
Aniline	5.00	3.114		mg/Kg		62	10 - 120	23	30
Anthracene	5.00	4.559		mg/Kg		91	30 - 149	14	24
Azobenzene	4.00	3.680		mg/Kg		92	14 - 147	13	30
Benzidine	5.00	1.140	J	mg/Kg		23	10 - 120	19	30
Benzo[a]anthracene	5.00	4.455		mg/Kg		89	27 - 156	19	24
Benzo[a]pyrene	5.00	4.662		mg/Kg		93	36 - 157	17	21
Benzo[b]fluoranthene	5.00	4.634		mg/Kg		93	35 - 159	14	21
Benzo[g,h,i]perylene	5.00	4.010		mg/Kg		80	30 - 156	21	25
Benzo[k]fluoranthene	5.00	4.305		mg/Kg		86	35 - 159	22	22
Benzoic acid	5.00	2.826	*1	mg/Kg		57	10 - 136	21	20
Benzyl alcohol	4.00	3.582		mg/Kg		90	18 - 154	20	30
Bis(2-chloroethoxy)methane	5.00	4.313		mg/Kg		86	21 - 140	11	29
Bis(2-chloroethyl)ether	5.00	4.017		mg/Kg		80	22 - 151	19	30
bis (2-Chloroisopropyl) ether	5.00	3.911		mg/Kg		78	10 - 179	18	30
Bis(2-ethylhexyl) phthalate	4.00	3.706		mg/Kg		93	23 - 166	19	27
Butyl benzyl phthalate	4.00	3.652		mg/Kg		91	18 - 170	22	29
Chrysene	5.00	4.422		mg/Kg		88	28 - 145	16	21
Dibenz(a,h)anthracene	5.00	4.246		mg/Kg		85	32 - 149	24	25
Dibenzofuran	4.00	3.583		mg/Kg		90	29 - 143	14	24
Diethyl phthalate	4.00	3.522		mg/Kg		88	26 - 151	21	26

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508281/3-A
Matrix: Solid
Analysis Batch: 509232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate	4.00	3.468		mg/Kg		87	27 - 150	19	24
Di-n-butyl phthalate	4.00	3.779		mg/Kg		94	27 - 152	15	27
Di-n-octyl phthalate	4.00	3.730		mg/Kg		93	40 - 178	17	21
Fluoranthene	5.00	4.618		mg/Kg		92	33 - 156	14	26
Fluorene	5.00	4.347		mg/Kg		87	27 - 146	15	26
Hexachloro-1,3-butadiene	5.00	4.286		mg/Kg		86	22 - 140	17	30
Hexachlorobenzene	5.00	4.312		mg/Kg		86	20 - 143	15	25
Hexachlorocyclopentadiene	5.00	3.933		mg/Kg		79	10 - 172	23	27
Hexachloroethane	5.00	3.850		mg/Kg		77	22 - 144	23	30
Indeno[1,2,3-cd]pyrene	5.00	4.422		mg/Kg		88	38 - 157	20	25
Isophorone	4.00	3.354		mg/Kg		84	15 - 165	13	30
Naphthalene	5.00	4.288		mg/Kg		86	25 - 140	11	28
Nitrobenzene	4.00	3.522		mg/Kg		88	17 - 136	13	30
N-Nitrosodimethylamine	5.00	3.364		mg/Kg		67	10 - 134	23	30
N-Nitrosodi-n-propylamine	5.00	3.567		mg/Kg		71	16 - 158	24	30
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.602		mg/Kg		92	33 - 166	18	23
Pentachlorophenol	5.00	4.302		mg/Kg		86	10 - 141	12	25
Phenanthrene	5.00	4.354		mg/Kg		87	29 - 144	15	23
Phenol	5.00	4.547		mg/Kg		91	19 - 164	19	30
Pyrene	5.00	4.373		mg/Kg		87	17 - 156	21	27
Pyridine	5.00	2.927		mg/Kg		59	10 - 120	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 134*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*
2-Fluorophenol (Surr)	*87*		*10 - 123*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*
p-Terphenyl-d14 (Surr)	*82*		*31 - 139*
Phenol-d6 (Surr)	*87*		*10 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-508245/1-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthene	ND		0.020	0.013	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthene	ND		0.020	0.013	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Anthracene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Anthracene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-508245/1-A
Matrix: Solid
Analysis Batch: 508985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Chrysene	ND		0.020	0.0065	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Chrysene	ND		0.020	0.0065	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluorene	ND		0.020	0.0097	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Fluorene	ND		0.020	0.0097	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Naphthalene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Naphthalene	ND		0.020	0.0089	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Phenanthrene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Phenanthrene	ND		0.020	0.015	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Pyrene	ND		0.020	0.0087	mg/Kg		11/27/24 10:47	12/02/24 09:42	1
Pyrene	ND		0.020	0.0087	mg/Kg		11/27/24 10:47	12/02/24 09:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*22 - 130*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
2-Fluorobiphenyl (Surr)	*93*		*22 - 130*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*	*11/27/24 10:47*	*12/02/24 09:42*	*1*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*	*11/27/24 10:47*	*12/02/24 09:42*	*1*

Lab Sample ID: LCS 570-508245/2-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7975		mg/Kg		80	54 - 132
1-Methylnaphthalene	1.00	0.7975		mg/Kg		80	54 - 132
2-Methylnaphthalene	1.00	0.9061		mg/Kg		91	50 - 127
2-Methylnaphthalene	1.00	0.9061		mg/Kg		91	50 - 127
Acenaphthene	1.00	0.9163		mg/Kg		92	53 - 125
Acenaphthene	1.00	0.9163		mg/Kg		92	53 - 125
Acenaphthylene	1.00	0.9143		mg/Kg		91	50 - 123
Acenaphthylene	1.00	0.9143		mg/Kg		91	50 - 123
Anthracene	1.00	0.8993		mg/Kg		90	50 - 132

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCS 570-508245/2-A
Matrix: Solid
Analysis Batch: 508985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	1.00	0.8993		mg/Kg		90	50 - 132
Benzo[g,h,i]perylene	1.00	0.8454		mg/Kg		85	50 - 130
Benzo[g,h,i]perylene	1.00	0.8454		mg/Kg		85	50 - 130
Benzo[k]fluoranthene	1.00	0.8954		mg/Kg		90	49 - 150
Benzo[k]fluoranthene	1.00	0.8954		mg/Kg		90	49 - 150
Benzo[a]anthracene	1.00	0.8839		mg/Kg		88	50 - 133
Benzo[a]anthracene	1.00	0.8839		mg/Kg		88	50 - 133
Benzo[a]pyrene	1.00	0.9284		mg/Kg		93	50 - 134
Benzo[a]pyrene	1.00	0.9284		mg/Kg		93	50 - 134
Benzo[b]fluoranthene	1.00	0.8893		mg/Kg		89	50 - 142
Benzo[b]fluoranthene	1.00	0.8893		mg/Kg		89	50 - 142
Chrysene	1.00	0.8280		mg/Kg		83	51 - 129
Chrysene	1.00	0.8280		mg/Kg		83	51 - 129
Dibenz(a,h)anthracene	1.00	0.8950		mg/Kg		90	50 - 133
Dibenz(a,h)anthracene	1.00	0.8950		mg/Kg		90	50 - 133
Fluoranthene	1.00	1.036		mg/Kg		104	55 - 127
Fluoranthene	1.00	1.036		mg/Kg		104	55 - 127
Fluorene	1.00	0.9763		mg/Kg		98	55 - 127
Fluorene	1.00	0.9763		mg/Kg		98	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9134		mg/Kg		91	50 - 148
Indeno[1,2,3-cd]pyrene	1.00	0.9134		mg/Kg		91	50 - 148
Naphthalene	1.00	0.8106		mg/Kg		81	51 - 129
Naphthalene	1.00	0.8106		mg/Kg		81	51 - 129
Phenanthrene	1.00	0.8780		mg/Kg		88	50 - 122
Phenanthrene	1.00	0.8780		mg/Kg		88	50 - 122
Pyrene	1.00	0.7736		mg/Kg		77	50 - 134
Pyrene	1.00	0.7736		mg/Kg		77	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*
Nitrobenzene-d5 (Surr)	*86*		*20 - 145*
Nitrobenzene-d5 (Surr)	*86*		*20 - 145*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*

Lab Sample ID: LCSD 570-508245/3-A
Matrix: Solid
Analysis Batch: 508983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.8419		mg/Kg		84	54 - 132	5	20
1-Methylnaphthalene	1.00	0.8419		mg/Kg		84	54 - 132	5	20
2-Methylnaphthalene	1.00	0.9542		mg/Kg		95	50 - 127	5	20
2-Methylnaphthalene	1.00	0.9542		mg/Kg		95	50 - 127	5	20
Acenaphthene	1.00	0.9543		mg/Kg		95	53 - 125	4	20
Acenaphthene	1.00	0.9543		mg/Kg		95	53 - 125	4	20
Acenaphthylene	1.00	0.9505		mg/Kg		95	50 - 123	4	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-508245/3-A
Matrix: Solid
Analysis Batch: 508985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508245

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthylene			1.00	0.9505		mg/Kg		95	50 - 123	4	20
Anthracene			1.00	0.9447		mg/Kg		94	50 - 132	5	20
Anthracene			1.00	0.9447		mg/Kg		94	50 - 132	5	20
Benzo[g,h,i]perylene			1.00	0.9073		mg/Kg		91	50 - 130	7	20
Benzo[g,h,i]perylene			1.00	0.9073		mg/Kg		91	50 - 130	7	20
Benzo[k]fluoranthene			1.00	0.9348		mg/Kg		93	49 - 150	4	20
Benzo[k]fluoranthene			1.00	0.9348		mg/Kg		93	49 - 150	4	20
Benzo[a]anthracene			1.00	0.9385		mg/Kg		94	50 - 133	6	20
Benzo[a]anthracene			1.00	0.9385		mg/Kg		94	50 - 133	6	20
Benzo[a]pyrene			1.00	0.9878		mg/Kg		99	50 - 134	6	20
Benzo[a]pyrene			1.00	0.9878		mg/Kg		99	50 - 134	6	20
Benzo[b]fluoranthene			1.00	0.9564		mg/Kg		96	50 - 142	7	20
Benzo[b]fluoranthene			1.00	0.9564		mg/Kg		96	50 - 142	7	20
Chrysene			1.00	0.8788		mg/Kg		88	51 - 129	6	20
Chrysene			1.00	0.8788		mg/Kg		88	51 - 129	6	20
Dibenz(a,h)anthracene			1.00	0.9325		mg/Kg		93	50 - 133	4	20
Dibenz(a,h)anthracene			1.00	0.9325		mg/Kg		93	50 - 133	4	20
Fluoranthene			1.00	1.094		mg/Kg		109	55 - 127	5	20
Fluoranthene			1.00	1.094		mg/Kg		109	55 - 127	5	20
Fluorene			1.00	1.029		mg/Kg		103	55 - 127	5	20
Fluorene			1.00	1.029		mg/Kg		103	55 - 127	5	20
Indeno[1,2,3-cd]pyrene			1.00	0.9822		mg/Kg		98	50 - 148	7	20
Indeno[1,2,3-cd]pyrene			1.00	0.9822		mg/Kg		98	50 - 148	7	20
Naphthalene			1.00	0.8497		mg/Kg		85	51 - 129	5	20
Naphthalene			1.00	0.8497		mg/Kg		85	51 - 129	5	20
Phenanthrene			1.00	0.9263		mg/Kg		93	50 - 122	5	20
Phenanthrene			1.00	0.9263		mg/Kg		93	50 - 122	5	20
Pyrene			1.00	0.8224		mg/Kg		82	50 - 134	6	20
Pyrene			1.00	0.8224		mg/Kg		82	50 - 134	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*95*		*22 - 130*
2-Fluorobiphenyl (Surr)	*95*		*22 - 130*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-509491/5
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/03/24 12:58	1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 570-509491/5
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		42 - 126		12/03/24 12:58	1

Lab Sample ID: MB 570-509491/6
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/03/24 13:43	20

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		42 - 126		12/03/24 13:43	20

Lab Sample ID: LCS 570-509491/3
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.99	1.897		mg/Kg		95	70 - 124		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		42 - 126

Lab Sample ID: LCSD 570-509491/4
Matrix: Solid
Analysis Batch: 509491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	1.868		mg/Kg		94	70 - 124	2	18

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		42 - 126

Lab Sample ID: MB 570-509707/33
Matrix: Water
Analysis Batch: 509707

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/04/24 01:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		20 - 144		12/04/24 01:03	1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-509707/31
Matrix: Water
Analysis Batch: 509707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1847		ug/L		92	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*20 - 144*

Lab Sample ID: LCSD 570-509707/32
Matrix: Water
Analysis Batch: 509707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	1892		ug/L		95	71 - 120	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*20 - 144*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-508716/1-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		11/30/24 10:44	11/30/24 14:38	1
C23-C40	ND		5.0	4.6	mg/Kg		11/30/24 10:44	11/30/24 14:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*115*		*60 - 138*	*11/30/24 10:44*	*11/30/24 14:38*	*1*

Lab Sample ID: LCS 570-508716/2-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508716

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	354.8		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*113*		*60 - 138*

Lab Sample ID: LCSD 570-508716/3-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508716

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	357.1		mg/Kg		89	70 - 130	1	20

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-508716/3-A
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508716

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	113		60 - 138

Lab Sample ID: 570-208723-9 MS
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: SB-9-0.5
Prep Type: Total/NA
Prep Batch: 508716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	20000	E	416	19660	E 4	mg/Kg	☼	-78	43 - 165

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	136		60 - 138

Lab Sample ID: 570-208723-9 MSD
Matrix: Solid
Analysis Batch: 508726

Client Sample ID: SB-9-0.5
Prep Type: Total/NA
Prep Batch: 508716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	20000	E	409	22640	E 4	mg/Kg	☼	649	43 - 165	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	136		60 - 138

Lab Sample ID: MB 570-508814/1-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/01/24 10:59	12/03/24 10:23	1
C23-C40	ND		50	42	ug/L		12/01/24 10:59	12/03/24 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		53 - 151	12/01/24 10:59	12/03/24 10:23	1

Lab Sample ID: LCS 570-508814/2-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	4000	3101		ug/L		78	65 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	91		53 - 151

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-508814/3-A
Matrix: Water
Analysis Batch: 509407

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508814

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			4000	3210		ug/L		80	65 - 129	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*53 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-508293/1-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1221	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1232	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1242	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1248	ND		0.050	0.039	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1254	ND		0.050	0.025	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1260	ND		0.050	0.025	mg/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1262	ND		50	25	ug/Kg		11/27/24 12:46	11/30/24 19:55	1
Aroclor-1268	ND		50	25	ug/Kg		11/27/24 12:46	11/30/24 19:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 120*	*11/27/24 12:46*	*11/30/24 19:55*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*20 - 120*	*11/27/24 12:46*	*11/30/24 19:55*	*1*

Lab Sample ID: LCS 570-508293/2-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508293

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016			0.100	0.09407		mg/Kg		94	53 - 133
Aroclor-1260			0.100	0.09292		mg/Kg		93	39 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 120*
DCB Decachlorobiphenyl (Surr)	*80*		*20 - 120*

Lab Sample ID: LCSD 570-508293/3-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508293

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			0.100	0.09955		mg/Kg		100	53 - 133	6	32
Aroclor-1260			0.100	0.09790		mg/Kg		98	39 - 140	5	40

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 570-508293/3-A
Matrix: Solid
Analysis Batch: 508733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508293

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	90		25 - 120
DCB Decachlorobiphenyl (Surr)	87		20 - 120

Lab Sample ID: MB 570-508987/1-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 508987

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1221	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1232	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1242	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1248	ND		0.40	0.26	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1254	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1260	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1262	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1
Aroclor-1268	ND		0.40	0.31	ug/L		12/02/24 09:09	12/03/24 08:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	103		20 - 144	12/02/24 09:09	12/03/24 08:21	1
DCB Decachlorobiphenyl (Surr)	120	p	20 - 122	12/02/24 09:09	12/03/24 08:21	1

Lab Sample ID: LCS 570-508987/4-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 508987

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			0.800	0.9325		ug/L		117	20 - 165		
Aroclor-1260			0.800	0.8970		ug/L		112	42 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	101		20 - 144
DCB Decachlorobiphenyl (Surr)	118		20 - 122

Lab Sample ID: LCSD 570-508987/5-A
Matrix: Water
Analysis Batch: 509242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 508987

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			0.800	0.9431		ug/L		118	20 - 165	1	30
Aroclor-1260			0.800	0.8902		ug/L		111	42 - 148	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	102		20 - 144
DCB Decachlorobiphenyl (Surr)	115		20 - 122

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-508791/1
Matrix: Solid
Analysis Batch: 508791

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/01/24 08:41	1

Lab Sample ID: MB 570-508846/1
Matrix: Solid
Analysis Batch: 508846

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/01/24 13:24	1

Lab Sample ID: 570-208723-7 DU
Matrix: Solid
Analysis Batch: 508846

Client Sample ID: SB-10-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.3			10.5		%				2	10

Lab Sample ID: MB 570-509021/1
Matrix: Solid
Analysis Batch: 509021

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/02/24 09:56	1

Lab Sample ID: 570-208723-9 DU
Matrix: Solid
Analysis Batch: 509021

Client Sample ID: SB-9-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	5.47			5.22		%				5	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-508150/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	88.75		ug/L	89	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	80.27		ug/L	80	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	80.89		ug/L	81	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	75.68		ug/L	76	15 - 120	1 - 138	
1-Methylnaphthalene	100	88.60		ug/L	89	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	95.92		ug/L	96	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	97.46		ug/L	97	27 - 143	8 - 162	
2,4-Dichlorophenol	100	85.92		ug/L	86	22 - 128	4 - 146	
2,4-Dimethylphenol	100	89.39		ug/L	89	20 - 125	3 - 143	
2,4-Dinitrophenol	100	122.3		ug/L	122	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	93.16		ug/L	93	28 - 160	6 - 182	
2,6-Dichlorophenol	100	93.11		ug/L	93	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	94.57		ug/L	95	30 - 157	9 - 178	
2-Chloronaphthalene	100	91.47		ug/L	91	25 - 141	6 - 160	
2-Chlorophenol	100	85.42		ug/L	85	22 - 129	4 - 147	
2-Methylnaphthalene	100	102.2		ug/L	102	19 - 120	2 - 137	
2-Methylphenol	100	81.25		ug/L	81	15 - 130	1 - 149	
2-Nitroaniline	100	85.74		ug/L	86	17 - 141	1 - 162	
2-Nitrophenol	100	88.80		ug/L	89	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	66.87		ug/L	67	18 - 162	1 - 186	
3/4-Methylphenol	200	138.5		ug/L	69	10 - 120	1 - 138	
3-Nitroaniline	100	78.44		ug/L	78	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	102.2		ug/L	102	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	90.88		ug/L	91	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	87.00		ug/L	87	23 - 135	4 - 154	
4-Chloroaniline	100	58.10		ug/L	58	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	93.90		ug/L	94	27 - 150	7 - 171	
4-Nitroaniline	100	92.16		ug/L	92	16 - 151	1 - 174	
4-Nitrophenol	100	39.05		ug/L	39	10 - 120	1 - 138	
Acenaphthene	100	99.33		ug/L	99	26 - 143	7 - 163	
Acenaphthylene	100	98.13		ug/L	98	21 - 156	1 - 179	
Aniline	100	30.63		ug/L	31	10 - 120	1 - 138	
Anthracene	100	102.1		ug/L	102	28 - 155	7 - 176	
Azobenzene	100	99.10		ug/L	99	19 - 146	1 - 167	
Benzidine	100	12.09	J	ug/L	12	10 - 120	1 - 138	
Benzo[a]anthracene	100	102.4		ug/L	102	26 - 159	4 - 181	
Benzo[a]pyrene	100	108.2		ug/L	108	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	100.7		ug/L	101	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	102.2		ug/L	102	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	109.7		ug/L	110	30 - 165	8 - 188	
Benzoic acid	100	44.10	J	ug/L	44	10 - 123	1 - 142	
Benzyl alcohol	100	74.01		ug/L	74	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	95.21		ug/L	95	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	85.91		ug/L	86	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	74.08		ug/L	74	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	89.05		ug/L	89	27 - 163	4 - 186	
Butyl benzyl phthalate	100	81.69		ug/L	82	26 - 161	4 - 184	
Chrysene	100	100.0		ug/L	100	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	101.3		ug/L	101	26 - 153	5 - 174	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-508150/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	100	95.89		ug/L	96	27 - 139	8 - 158	
Diethyl phthalate	100	90.38		ug/L	90	28 - 149	8 - 169	
Dimethyl phthalate	100	88.23		ug/L	88	29 - 148	9 - 168	
Di-n-butyl phthalate	100	85.47		ug/L	85	30 - 151	10 - 171	
Di-n-octyl phthalate	100	87.11		ug/L	87	40 - 166	19 - 187	
Fluoranthene	100	96.66		ug/L	97	28 - 159	6 - 181	
Fluorene	100	106.7		ug/L	107	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	93.50		ug/L	93	17 - 120	1 - 137	
Hexachlorobenzene	100	85.11		ug/L	85	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	99.83		ug/L	100	21 - 145	1 - 166	
Hexachloroethane	100	76.31		ug/L	76	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	109.9		ug/L	110	23 - 162	1 - 185	
Isophorone	100	93.40		ug/L	93	15 - 146	1 - 168	
Naphthalene	100	96.44		ug/L	96	19 - 120	2 - 137	
Nitrobenzene	100	92.40		ug/L	92	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	60.78		ug/L	61	10 - 120	1 - 138	
N-Nitrosodi-n-propylamine	100	80.82		ug/L	81	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	105.7		ug/L	106	30 - 168	7 - 191	
Pentachlorophenol	100	99.09		ug/L	99	10 - 153	1 - 177	
Phenanthrene	100	103.5		ug/L	104	27 - 150	7 - 171	
Phenol	100	38.57		ug/L	39	10 - 120	1 - 138	
Pyrene	100	104.1		ug/L	104	23 - 153	1 - 175	
Pyridine	100	4.309	J *- me	ug/L	4	10 - 120	1 - 138	ME

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	80.74		ug/L	81	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	74.42		ug/L	74	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	72.13		ug/L	72	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	67.90		ug/L	68	15 - 120	1 - 138	
1-Methylnaphthalene	100	79.91		ug/L	80	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	85.26		ug/L	85	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	89.29		ug/L	89	27 - 143	8 - 162	
2,4-Dichlorophenol	100	84.25		ug/L	84	22 - 128	4 - 146	
2,4-Dimethylphenol	100	83.32		ug/L	83	20 - 125	3 - 143	
2,4-Dinitrophenol	100	103.6		ug/L	104	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	78.55		ug/L	79	28 - 160	6 - 182	
2,6-Dichlorophenol	100	83.07		ug/L	83	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	85.73		ug/L	86	30 - 157	9 - 178	
2-Chloronaphthalene	100	83.45		ug/L	83	25 - 141	6 - 160	
2-Chlorophenol	100	77.41		ug/L	77	22 - 129	4 - 147	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2-Methylnaphthalene	100	91.83		ug/L	92	19 - 120	2 - 137	
2-Methylphenol	100	73.75		ug/L	74	15 - 130	1 - 149	
2-Nitroaniline	100	77.22		ug/L	77	17 - 141	1 - 162	
2-Nitrophenol	100	84.40		ug/L	84	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	69.03		ug/L	69	18 - 162	1 - 186	
3/4-Methylphenol	200	124.1		ug/L	62	10 - 120	1 - 138	
3-Nitroaniline	100	73.62		ug/L	74	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	93.32		ug/L	93	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	73.79		ug/L	74	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	77.86		ug/L	78	23 - 135	4 - 154	
4-Chloroaniline	100	77.25		ug/L	77	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	82.64		ug/L	83	27 - 150	7 - 171	
4-Nitroaniline	100	81.60		ug/L	82	16 - 151	1 - 174	
4-Nitrophenol	100	32.35		ug/L	32	10 - 120	1 - 138	
Acenaphthene	100	88.72		ug/L	89	26 - 143	7 - 163	
Acenaphthylene	100	90.66		ug/L	91	21 - 156	1 - 179	
Aniline	100	73.85	*1	ug/L	74	10 - 120	1 - 138	
Anthracene	100	85.71		ug/L	86	28 - 155	7 - 176	
Azobenzene	100	81.74		ug/L	82	19 - 146	1 - 167	
Benzidine	100	ND	*- me *1	ug/L	6	10 - 120	1 - 138	ME
Benzo[a]anthracene	100	89.36		ug/L	89	26 - 159	4 - 181	
Benzo[a]pyrene	100	91.78		ug/L	92	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	83.53		ug/L	84	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	78.86		ug/L	79	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	90.27		ug/L	90	30 - 165	8 - 188	
Benzoic acid	100	39.37	J	ug/L	39	10 - 123	1 - 142	
Benzyl alcohol	100	70.24		ug/L	70	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	90.98		ug/L	91	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	87.66		ug/L	88	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	66.77		ug/L	67	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	74.90		ug/L	75	27 - 163	4 - 186	
Butyl benzyl phthalate	100	68.26		ug/L	68	26 - 161	4 - 184	
Chrysene	100	82.59		ug/L	83	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	84.20		ug/L	84	26 - 153	5 - 174	
Dibenzofuran	100	84.48		ug/L	84	27 - 139	8 - 158	
Diethyl phthalate	100	75.08		ug/L	75	28 - 149	8 - 169	
Dimethyl phthalate	100	79.89		ug/L	80	29 - 148	9 - 168	
Di-n-butyl phthalate	100	71.74		ug/L	72	30 - 151	10 - 171	
Di-n-octyl phthalate	100	75.86		ug/L	76	40 - 166	19 - 187	
Fluoranthene	100	74.18		ug/L	74	28 - 159	6 - 181	
Fluorene	100	92.87		ug/L	93	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	80.24		ug/L	80	17 - 120	1 - 137	
Hexachlorobenzene	100	68.34		ug/L	68	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	95.16		ug/L	95	21 - 145	1 - 166	
Hexachloroethane	100	68.83		ug/L	69	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	85.32		ug/L	85	23 - 162	1 - 185	
Isophorone	100	82.46		ug/L	82	15 - 146	1 - 168	
Naphthalene	100	81.88		ug/L	82	19 - 120	2 - 137	
Nitrobenzene	100	88.96		ug/L	89	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	57.13		ug/L	57	10 - 120	1 - 138	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-508150/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
N-Nitrosodi-n-propylamine	100	72.85		ug/L	73	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	94.39		ug/L	94	30 - 168	7 - 191	
Pentachlorophenol	100	84.15		ug/L	84	10 - 153	1 - 177	
Phenanthrene	100	86.41		ug/L	86	27 - 150	7 - 171	
Phenol	100	30.76		ug/L	31	10 - 120	1 - 138	
Pyrene	100	92.10		ug/L	92	23 - 153	1 - 175	
Pyridine	100	30.42	*1	ug/L	30	10 - 120	1 - 138	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	1

ME = Marginal Exceedance

GC/MS VOA

Analysis Batch: 508126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	8260B	508191
570-208723-10	SB-9-2.0	Total/NA	Solid	8260B	508191
570-208723-11	SB-9-5.0	Total/NA	Solid	8260B	508191
MB 570-508126/6	Method Blank	Total/NA	Solid	8260B	
MB 570-508126/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-508126/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-508126/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 508191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	5035	
570-208723-10	SB-9-2.0	Total/NA	Solid	5035	
570-208723-11	SB-9-5.0	Total/NA	Solid	5035	

Analysis Batch: 508630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	8260B	
570-208723-13	TB-2-1126	Total/NA	Water	8260B	
MB 570-508630/7	Method Blank	Total/NA	Water	8260B	
LCS 570-508630/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-508630/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 508150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	3510C	
MB 570-508150/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-508150/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-508150/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 508245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	3546	
570-208723-10	SB-9-2.0	Total/NA	Solid	3546	
570-208723-11	SB-9-5.0	Total/NA	Solid	3546	
MB 570-508245/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508245/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508245/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 508281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	3546	
570-208723-10	SB-9-2.0	Total/NA	Solid	3546	
570-208723-11	SB-9-5.0	Total/NA	Solid	3546	
MB 570-508281/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508281/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508281/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 508983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	8270C SIM	508245
570-208723-10	SB-9-2.0	Total/NA	Solid	8270C SIM	508245
570-208723-11	SB-9-5.0	Total/NA	Solid	8270C SIM	508245
MB 570-508245/1-A	Method Blank	Total/NA	Solid	8270C SIM	508245
LCS 570-508245/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	508245
LCSD 570-508245/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	508245

Analysis Batch: 508985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-508245/1-A	Method Blank	Total/NA	Solid	8270C SIM	508245
LCS 570-508245/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	508245
LCSD 570-508245/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	508245

Analysis Batch: 509232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-508281/1-A	Method Blank	Total/NA	Solid	8270C	508281
LCS 570-508281/2-A	Lab Control Sample	Total/NA	Solid	8270C	508281
LCSD 570-508281/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	508281

Analysis Batch: 509506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	8270C	508281
570-208723-10	SB-9-2.0	Total/NA	Solid	8270C	508281
570-208723-11	SB-9-5.0	Total/NA	Solid	8270C	508281

Analysis Batch: 509710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	8270C	508150
MB 570-508150/1-A	Method Blank	Total/NA	Water	8270C	508150
LCS 570-508150/2-A	Lab Control Sample	Total/NA	Water	8270C	508150
LCSD 570-508150/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	508150

GC VOA

Prep Batch: 508191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	5035	
570-208723-10	SB-9-2.0	Total/NA	Solid	5035	
570-208723-11	SB-9-5.0	Total/NA	Solid	5035	

Analysis Batch: 509491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	8015B	508191
570-208723-10	SB-9-2.0	Total/NA	Solid	8015B	508191
570-208723-11	SB-9-5.0	Total/NA	Solid	8015B	508191
MB 570-509491/5	Method Blank	Total/NA	Solid	8015B	
MB 570-509491/6	Method Blank	Total/NA	Solid	8015B	
LCS 570-509491/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-509491/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC VOA

Analysis Batch: 509707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	8015B	
MB 570-509707/33	Method Blank	Total/NA	Water	8015B	
LCS 570-509707/31	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-509707/32	Lab Control Sample Dup	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 508293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-1	SB-13-0.5	Total/NA	Solid	3546	
570-208723-2	SB-13-2.0	Total/NA	Solid	3546	
570-208723-3	SB-12-0.5	Total/NA	Solid	3546	
570-208723-4	SB-12-2.0	Total/NA	Solid	3546	
570-208723-5	SB-11-0.5	Total/NA	Solid	3546	
570-208723-6	SB-11-2.0	Total/NA	Solid	3546	
570-208723-7	SB-10-0.5	Total/NA	Solid	3546	
570-208723-8	SB-10-2.0	Total/NA	Solid	3546	
570-208723-9 - RA	SB-9-0.5	Total/NA	Solid	3546	
570-208723-10	SB-9-2.0	Total/NA	Solid	3546	
570-208723-11	SB-9-5.0	Total/NA	Solid	3546	
MB 570-508293/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-508293/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-508293/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 508716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	3550C	
570-208723-10	SB-9-2.0	Total/NA	Solid	3550C	
570-208723-11	SB-9-5.0	Total/NA	Solid	3550C	
MB 570-508716/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-508716/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-508716/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-208723-9 MS	SB-9-0.5	Total/NA	Solid	3550C	
570-208723-9 MSD	SB-9-0.5	Total/NA	Solid	3550C	

Analysis Batch: 508726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	8015B	508716
570-208723-10	SB-9-2.0	Total/NA	Solid	8015B	508716
570-208723-11	SB-9-5.0	Total/NA	Solid	8015B	508716
MB 570-508716/1-A	Method Blank	Total/NA	Solid	8015B	508716
LCS 570-508716/2-A	Lab Control Sample	Total/NA	Solid	8015B	508716
LCSD 570-508716/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	508716
570-208723-9 MS	SB-9-0.5	Total/NA	Solid	8015B	508716
570-208723-9 MSD	SB-9-0.5	Total/NA	Solid	8015B	508716

Analysis Batch: 508733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-508293/1-A	Method Blank	Total/NA	Solid	8082	508293
LCS 570-508293/2-A	Lab Control Sample	Total/NA	Solid	8082	508293
LCSD 570-508293/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	508293

GC Semi VOA

Prep Batch: 508814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	3510C	
MB 570-508814/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-508814/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-508814/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 508987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	3510C	
MB 570-508987/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-508987/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-508987/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 509049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-1	SB-13-0.5	Total/NA	Solid	8082	508293
570-208723-2	SB-13-2.0	Total/NA	Solid	8082	508293
570-208723-3	SB-12-0.5	Total/NA	Solid	8082	508293
570-208723-4	SB-12-2.0	Total/NA	Solid	8082	508293
570-208723-5	SB-11-0.5	Total/NA	Solid	8082	508293
570-208723-6	SB-11-2.0	Total/NA	Solid	8082	508293
570-208723-7	SB-10-0.5	Total/NA	Solid	8082	508293
570-208723-8	SB-10-2.0	Total/NA	Solid	8082	508293
570-208723-10	SB-9-2.0	Total/NA	Solid	8082	508293
570-208723-11	SB-9-5.0	Total/NA	Solid	8082	508293

Analysis Batch: 509242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	8082	508987
MB 570-508987/1-A	Method Blank	Total/NA	Water	8082	508987
LCS 570-508987/4-A	Lab Control Sample	Total/NA	Water	8082	508987
LCSD 570-508987/5-A	Lab Control Sample Dup	Total/NA	Water	8082	508987

Analysis Batch: 509407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-12	EB-2-1126	Total/NA	Water	8015B	508814
MB 570-508814/1-A	Method Blank	Total/NA	Water	8015B	508814
LCS 570-508814/2-A	Lab Control Sample	Total/NA	Water	8015B	508814
LCSD 570-508814/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	508814

Analysis Batch: 509451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9 - RA	SB-9-0.5	Total/NA	Solid	8082	508293

General Chemistry

Analysis Batch: 508791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-1	SB-13-0.5	Total/NA	Solid	Moisture - 2540	
MB 570-508791/1	Method Blank	Total/NA	Solid	Moisture - 2540	

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

General Chemistry

Analysis Batch: 508846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-2	SB-13-2.0	Total/NA	Solid	Moisture - 2540	
570-208723-3	SB-12-0.5	Total/NA	Solid	Moisture - 2540	
570-208723-4	SB-12-2.0	Total/NA	Solid	Moisture - 2540	
570-208723-5	SB-11-0.5	Total/NA	Solid	Moisture - 2540	
570-208723-6	SB-11-2.0	Total/NA	Solid	Moisture - 2540	
570-208723-7	SB-10-0.5	Total/NA	Solid	Moisture - 2540	
570-208723-8	SB-10-2.0	Total/NA	Solid	Moisture - 2540	
MB 570-508846/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-208723-7 DU	SB-10-0.5	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 509021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208723-9	SB-9-0.5	Total/NA	Solid	Moisture - 2540	
570-208723-10	SB-9-2.0	Total/NA	Solid	Moisture - 2540	
570-208723-11	SB-9-5.0	Total/NA	Solid	Moisture - 2540	
MB 570-509021/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-208723-9 DU	SB-9-0.5	Total/NA	Solid	Moisture - 2540	

Client Sample ID: SB-13-0.5
Lab Sample ID: 570-208723-1
Date Collected: 11/26/24 07:25
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.70 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 22:55	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508791	12/01/24 08:41	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-13-2.0
Lab Sample ID: 570-208723-2
Date Collected: 11/26/24 07:32
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.12 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 23:14	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-12-0.5
Lab Sample ID: 570-208723-3
Date Collected: 11/26/24 07:38
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 23:34	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-12-2.0
Lab Sample ID: 570-208723-4
Date Collected: 11/26/24 07:45
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.29 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 23:53	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-11-0.5
Lab Sample ID: 570-208723-5
Date Collected: 11/26/24 08:02
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.34 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/03/24 00:12	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-11-2.0
Lab Sample ID: 570-208723-6
Date Collected: 11/26/24 08:09
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.56 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 20:03	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-10-0.5
Lab Sample ID: 570-208723-7
Date Collected: 11/26/24 08:21
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/03/24 00:31	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-10-2.0
Lab Sample ID: 570-208723-8
Date Collected: 11/26/24 08:33
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.29 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 20:22	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			508846	12/01/24 13:24	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-9-0.5
Lab Sample ID: 570-208723-9
Date Collected: 11/26/24 08:44
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.9 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	508126	11/27/24 14:38	U4JL	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.46 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		100	1 mL	1 mL	509506	12/03/24 20:23	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.81 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	508983	12/02/24 17:33	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.9 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	509491	12/03/24 22:26	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.01 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	508726	11/30/24 16:53	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546	RA		20.21 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082	RA	1	1 mL	1 mL	509451	12/03/24 17:42	P2HW	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			509021	12/02/24 09:56	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB-9-2.0
Lab Sample ID: 570-208723-10
Date Collected: 11/26/24 08:52
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.546 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	508126	11/27/24 13:59	U4JL	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.10 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509506	12/03/24 19:59	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.09 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 17:55	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.638 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509491	12/03/24 20:01	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.29 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 17:20	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.32 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 20:41	SP9M	EET CAL 4
	Instrument ID: GC66									

Client Sample ID: SB-9-2.0
Lab Sample ID: 570-208723-10
Date Collected: 11/26/24 08:52
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			509021	12/02/24 09:56	TP6R	EET CAL 4

Client Sample ID: SB-9-5.0
Lab Sample ID: 570-208723-11
Date Collected: 11/26/24 09:25
Matrix: Solid
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.917 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	508126	11/27/24 14:19	U4JL	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.18 g	2 mL	508281	11/27/24 12:05	TR8L	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509506	12/03/24 19:09	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.00 g	2 mL	508245	11/27/24 10:47	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	508983	12/02/24 18:16	PQS1	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.579 g	5 mL	508191	11/27/24 09:27	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	509491	12/03/24 20:25	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.18 g	10 mL	508716	11/30/24 10:44	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	508726	11/30/24 17:47	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3546			20.38 g	10 mL	508293	11/27/24 12:47	TR8L	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509049	12/02/24 21:00	SP9M	EET CAL 4
	Instrument ID: GC66									
Total/NA	Analysis	Moisture - 2540		1			509021	12/02/24 09:56	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB-2-1126
Lab Sample ID: 570-208723-12
Date Collected: 11/26/24 10:00
Matrix: Water
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	508630	11/30/24 13:44	U1MC	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			1012.3 mL	2 mL	508150	11/27/24 12:25	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	509710	12/03/24 22:01	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Analysis	8015B		1	5 mL	5 mL	509707	12/04/24 11:23	A9VE	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3510C			256.5 mL	2.5 mL	508814	12/01/24 11:00	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1			509407	12/03/24 14:30	NR	EET CAL 4
	Instrument ID: GC100B									
Total/NA	Prep	3510C			267.4 mL	1 mL	508987	12/02/24 09:09	OAJ3	EET CAL 4
Total/NA	Analysis	8082		1	1 mL	1 mL	509242	12/03/24 09:55	P2HW	EET CAL 4
	Instrument ID: GC58									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Client Sample ID: TB-2-1126
Lab Sample ID: 570-208723-13

Date Collected: 11/26/24 09:45
Matrix: Water
Date Received: 11/26/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	508630	11/30/24 13:21	U1MC	EET CAL 4
	Instrument ID: GCMSXX									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-208723-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-208723-1	SB-13-0.5	Solid	11/26/24 07:25	11/26/24 13:05
570-208723-2	SB-13-2.0	Solid	11/26/24 07:32	11/26/24 13:05
570-208723-3	SB-12-0.5	Solid	11/26/24 07:38	11/26/24 13:05
570-208723-4	SB-12-2.0	Solid	11/26/24 07:45	11/26/24 13:05
570-208723-5	SB-11-0.5	Solid	11/26/24 08:02	11/26/24 13:05
570-208723-6	SB-11-2.0	Solid	11/26/24 08:09	11/26/24 13:05
570-208723-7	SB-10-0.5	Solid	11/26/24 08:21	11/26/24 13:05
570-208723-8	SB-10-2.0	Solid	11/26/24 08:33	11/26/24 13:05
570-208723-9	SB-9-0.5	Solid	11/26/24 08:44	11/26/24 13:05
570-208723-10	SB-9-2.0	Solid	11/26/24 08:52	11/26/24 13:05
570-208723-11	SB-9-5.0	Solid	11/26/24 09:25	11/26/24 13:05
570-208723-12	EB-2-1126	Water	11/26/24 10:00	11/26/24 13:05
570-208723-13	TB-2-1126	Water	11/26/24 09:45	11/26/24 13:05

Loc: 570
208723

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us

CHAIN-OF-CUSTODY RECORD

DATE: 11/26/24
PAGE: 1 OF 2

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB-13-0.5		11/26/24	0725	SOIL	1	X								X
2	SB-13-2.0			0732		1									X
3	SB-12-0.5			0738		1									X
4	SB-12-2.0			0745		1									X
5	SB-11-0.5			0802		1									X
6	SB-11-2.0			0809		1									X
7	SB-10-0.5			0821		1									X
8	SB-10-2.0			0833		1									X
9	SB-9-0.5			0844		6					X	X	X	X	X
10	SB-9-2.0			0852		6					X	X	X	X	X

570-208723 Chain of Custody

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 1145
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

0.3/1.3 5qt 2014-07-01 Revision

UJGP

12/5/2024

208723

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2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 11/26/24
PAGE: 2 OF 2

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) LA

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB-9-5.0		11/26/24	0925	SOIL	6	X				X	X	X	X	X
12	EB-2-1126		↓	1000	H2O	6	X				X	X	X	X	X
13	TB-2-1126		↓	0945	H2O	3	X					X			

Relinquished by: (Signature)	11/26/24 1145	Received by: (Signature/Affiliation) Langan	Date: 11/26/24 Time: 1145
Relinquished by: (Signature) Langan		Received by: (Signature/Affiliation) EC	Date: 11-26-24 Time: 13:05
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-208723-1

Login Number: 208723
List Number: 1
Creator: Gonzalez, Juan

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/11/2024 9:44:27 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209335-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

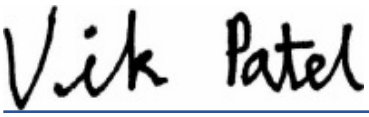
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209335-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/3/2024 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8°C and 2.7°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510130.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-510130 recovered outside control limits for the following analytes: Di-isopropyl ether and Vinyl acetate. Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510307. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510544. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: SB20-2.0 (570-209335-19). Elevated reporting limits (RLs) are provided.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB23-2.0 (570-209335-7). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted due to the abundance of non-target hydrocarbons: SB21-2.0 (570-209335-4). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510793. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511986. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was diluted due to the abundance of non-target analytes/ hydrocarbons : SB22-2.0 (570-209335-13). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-510534. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C_SIM_PAH: The following samples were diluted due to the nature of the sample matrix: SB17-2.0 (570-209335-1), SB21-2.0 (570-209335-4), SB21-5.0 (570-209335-5), SB23-2.0 (570-209335-7), SB24-2.0 (570-209335-10), (570-209335-F-1-E MS) and (570-209335-F-1-F MSD). Elevated reporting limits (RLs) are provided.

Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: SB19-2.0 (570-209335-22). Elevated reporting limits (RLs) are provided.

Method 8270C_SIM_PAH: The following samples were diluted due to the nature of the sample matrix: SB18-2.0 (570-209335-16) and SB20-2.0 (570-209335-19). Elevated reporting limits (RLs) are provided.

Method 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-510363. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-511619 recovered above the upper control limit for Hexachloro-1,3-butadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB20241203 (570-209335-28) and (CCVIS 570-511619/2).

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, Acenaphthene, Acenaphthylene, Aniline, Azobenzene, Benzidine, Benzo[a]anthracene, Benzo[g,h,i]perylene, Benzoic acid, Bis(2-ethylhexyl) phthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Isophorone, N-Nitrosodi-n-propylamine, n-Nitrosodiphenylamine(as diphenylamine), Pentachlorophenol, Phenanthrene and Pyridine.

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analyte(s): Pyridine. Pyridine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510295 and analytical batch 570-511364 recovered outside control limits for the following analytes: Benzo[b]fluoranthene.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-510295 and analytical batch 570-511364 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-510295 and analytical batch 570-511364 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-511364 recovered above the upper control limit for 4-Chloro-3-methylphenol, Benzo[a]pyrene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB17-2.0 (570-209335-1), SB17-5.0 (570-209335-2), SB17-15.0 (570-209335-3), SB21-2.0 (570-209335-4), SB21-5.0 (570-209335-5), SB21-15.0 (570-209335-6), SB23-2.0 (570-209335-7), SB23-5.0 (570-209335-8), SB23-15.0 (570-209335-9), SB24-2.0 (570-209335-10), SB24-5.0 (570-209335-11), SB24-15.0 (570-209335-12), SB22-2.0 (570-209335-13), SB22-5.0 (570-209335-14), SB22-15.0 (570-209335-15), SB18-2.0 (570-209335-16), SB18-5.0 (570-209335-17), SB18-14.0 (570-209335-18) and SB20-2.0 (570-209335-19).

Method 8270C: The following sample was diluted due to the nature of the sample matrix: (570-209335-F-19-E MS). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: (570-209335-F-19-F MSD). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB20-2.0 (570-209335-19). Elevated reporting limits (RLs) are provided.

Method 8270C: The following samples were diluted due to the nature of the sample matrix: SB17-2.0 (570-209335-1), SB24-2.0 (570-209335-10) and SB18-2.0 (570-209335-16). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB21-2.0 (570-209335-4). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB23-2.0 (570-209335-7). Elevated reporting limits (RLs) are provided.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB22-2.0 (570-209335-13). Elevated reporting limits (RLs) are provided.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-511354 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB20-5.0 (570-209335-20), SB20-15.0 (570-209335-21), SB19-2.0 (570-209335-22), SB19-5.0 (570-209335-23), SB19-15.0 (570-209335-24), SB28-2.0 (570-209335-25), SB28-5.0 (570-209335-26) and SB28-15.0 (570-209335-27).

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB19-2.0 (570-209335-22). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: Surrogate recovery for the following samples were outside control limits: SB17-5.0 (570-209335-2), SB24-5.0 (570-209335-11) and SB22-2.0 (570-209335-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511327. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511367. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511402. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-510489.The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-510873 and analytical

batch 570-511459 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision of one or more analytes for preparation batch 570-510880 and analytical batch 570-511459 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-510815 and 570-510830 and analytical batch 570-511118 were outside control limits for Mercury. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB17-2.0
Lab Sample ID: 570-209335-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.047		0.019	0.0092	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00081	J	0.0093	0.00037	mg/Kg	1	☼	8260B	Total/NA
C13-C22	68		56	51	mg/Kg	10	☼	8015B	Total/NA
C23-C40	290		56	51	mg/Kg	10	☼	8015B	Total/NA
Arsenic	13.2		3.38	2.18	mg/Kg	2	☼	6010B	Total/NA
Barium	2390		2.25	0.332	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.383	J	0.450	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	39.1		1.13	0.598	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.82		2.25	0.480	mg/Kg	2	☼	6010B	Total/NA
Copper	13.9		2.25	0.640	mg/Kg	2	☼	6010B	Total/NA
Lead	21.4		2.25	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.1		2.25	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	25.5		4.50	0.986	mg/Kg	2	☼	6010B	Total/NA
Zinc	54.1		4.50	1.84	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0736	J	0.0945	0.0261	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB17-5.0
Lab Sample ID: 570-209335-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.020	0.0097	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	2.0		0.11	0.048	mg/Kg	1	☼	8015B	Total/NA
C13-C22	84		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
C23-C40	82		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.76		3.60	2.33	mg/Kg	2	☼	6010B	Total/NA
Barium	210		2.40	0.354	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.913		0.480	0.113	mg/Kg	2	☼	6010B	Total/NA
Chromium	32.1		1.20	0.638	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.0		2.40	0.512	mg/Kg	2	☼	6010B	Total/NA
Copper	19.2		2.40	0.683	mg/Kg	2	☼	6010B	Total/NA
Lead	10.1		2.40	1.59	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.0		2.40	1.36	mg/Kg	2	☼	6010B	Total/NA
Vanadium	51.2		4.80	1.05	mg/Kg	2	☼	6010B	Total/NA
Zinc	74.2		4.80	1.96	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0465	J	0.105	0.0290	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB17-15.0
Lab Sample ID: 570-209335-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00027	J	0.0010	0.00026	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.097	J	0.11	0.048	mg/Kg	1	☼	8015B	Total/NA
Arsenic	8.50		3.90	2.52	mg/Kg	2	☼	6010B	Total/NA
Barium	124		2.60	0.383	mg/Kg	2	☼	6010B	Total/NA
Beryllium	1.38		0.520	0.122	mg/Kg	2	☼	6010B	Total/NA
Chromium	31.6		1.30	0.690	mg/Kg	2	☼	6010B	Total/NA
Cobalt	14.9		2.60	0.554	mg/Kg	2	☼	6010B	Total/NA
Copper	33.8		2.60	0.740	mg/Kg	2	☼	6010B	Total/NA
Lead	13.2		2.60	1.72	mg/Kg	2	☼	6010B	Total/NA
Nickel	30.0		2.60	1.48	mg/Kg	2	☼	6010B	Total/NA
Vanadium	50.6		5.20	1.14	mg/Kg	2	☼	6010B	Total/NA
Zinc	91.1		5.20	2.12	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB21-2.0
Lab Sample ID: 570-209335-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.018	J	0.056	0.014	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.015	J	0.056	0.012	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.020	J	0.056	0.015	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.045	J	0.056	0.012	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.025	J	0.11	0.015	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.018	J	0.056	0.014	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.051	J	0.056	0.016	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.035	J	0.056	0.015	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	1.4		0.23	0.13	mg/Kg	10	☼	8270C SIM	Total/NA
2-Methylnaphthalene	1.5		0.23	0.12	mg/Kg	10	☼	8270C SIM	Total/NA
Acenaphthene	0.44		0.23	0.15	mg/Kg	10	☼	8270C SIM	Total/NA
Benzo[a]anthracene	0.12	J	0.23	0.093	mg/Kg	10	☼	8270C SIM	Total/NA
Chrysene	0.21	J	0.23	0.075	mg/Kg	10	☼	8270C SIM	Total/NA
Fluorene	0.47		0.23	0.11	mg/Kg	10	☼	8270C SIM	Total/NA
Naphthalene	0.41		0.23	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
Phenanthrene	0.94		0.23	0.17	mg/Kg	10	☼	8270C SIM	Total/NA
Pyrene	0.18	J	0.23	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
1-Methylnaphthalene	1.2	J	2.8	0.58	mg/Kg	5	☼	8270C	Total/NA
2-Methylnaphthalene	1.3	J	2.8	0.56	mg/Kg	5	☼	8270C	Total/NA
Phenanthrene	0.78	J	2.8	0.41	mg/Kg	5	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	88		11	4.9	mg/Kg	100	☼	8015B	Total/NA
C13-C22	3900		58	53	mg/Kg	10	☼	8015B	Total/NA
C23-C40	3200		58	53	mg/Kg	10	☼	8015B	Total/NA
Arsenic	11.7		3.35	2.17	mg/Kg	2	☼	6010B	Total/NA
Barium	3020		2.23	0.330	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.290	J	0.447	0.105	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.223	J	0.447	0.171	mg/Kg	2	☼	6010B	Total/NA
Chromium	24.6		1.12	0.593	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.87		2.23	0.476	mg/Kg	2	☼	6010B	Total/NA
Copper	13.3		2.23	0.636	mg/Kg	2	☼	6010B	Total/NA
Lead	22.7		2.23	1.48	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.77	J	4.47	1.09	mg/Kg	2	☼	6010B	Total/NA
Nickel	11.8		2.23	1.27	mg/Kg	2	☼	6010B	Total/NA
Vanadium	22.4		4.47	0.979	mg/Kg	2	☼	6010B	Total/NA
Zinc	51.3		4.47	1.82	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0727	J	0.0968	0.0267	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB21-5.0
Lab Sample ID: 570-209335-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.036		0.020	0.010	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.019	J	0.020	0.0071	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.77		0.12	0.066	mg/Kg	5	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.74		0.12	0.064	mg/Kg	5	☼	8270C SIM	Total/NA
Acenaphthene	0.23		0.12	0.080	mg/Kg	5	☼	8270C SIM	Total/NA
Benzo[a]anthracene	0.055	J	0.12	0.049	mg/Kg	5	☼	8270C SIM	Total/NA
Chrysene	0.12		0.12	0.040	mg/Kg	5	☼	8270C SIM	Total/NA
Fluorene	0.27		0.12	0.059	mg/Kg	5	☼	8270C SIM	Total/NA
Naphthalene	0.24		0.12	0.055	mg/Kg	5	☼	8270C SIM	Total/NA
Phenanthrene	0.48		0.12	0.091	mg/Kg	5	☼	8270C SIM	Total/NA
Pyrene	0.079	J	0.12	0.053	mg/Kg	5	☼	8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB21-5.0 (Continued)
Lab Sample ID: 570-209335-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.16	J	0.62	0.13	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.16	J	0.62	0.12	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.19	J	0.62	0.090	mg/Kg	1	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.060	J	0.11	0.047	mg/Kg	1	☼	8015B	Total/NA
C13-C22	6.5		6.2	5.7	mg/Kg	1	☼	8015B	Total/NA
C23-C40	8.4		6.2	5.7	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.57		3.59	2.32	mg/Kg	2	☼	6010B	Total/NA
Barium	199		2.39	0.353	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.741		0.478	0.112	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.239	J	0.478	0.183	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.1		1.20	0.635	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.2		2.39	0.509	mg/Kg	2	☼	6010B	Total/NA
Copper	17.6		2.39	0.680	mg/Kg	2	☼	6010B	Total/NA
Lead	8.11		2.39	1.58	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.1		2.39	1.36	mg/Kg	2	☼	6010B	Total/NA
Vanadium	49.4		4.78	1.05	mg/Kg	2	☼	6010B	Total/NA
Zinc	51.5		4.78	1.95	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0332	J	0.111	0.0307	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB21-15.0
Lab Sample ID: 570-209335-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.96		3.70	2.40	mg/Kg	2	☼	6010B	Total/NA
Barium	94.0		2.47	0.364	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.691		0.494	0.116	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.7		1.23	0.655	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.33		2.47	0.526	mg/Kg	2	☼	6010B	Total/NA
Copper	17.7		2.47	0.702	mg/Kg	2	☼	6010B	Total/NA
Lead	6.37		2.47	1.63	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.6		2.47	1.40	mg/Kg	2	☼	6010B	Total/NA
Vanadium	56.3		4.94	1.08	mg/Kg	2	☼	6010B	Total/NA
Zinc	62.1		4.94	2.01	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0405	J	0.111	0.0307	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB23-2.0
Lab Sample ID: 570-209335-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.13	J	0.24	0.13	mg/Kg	10	☼	8270C SIM	Total/NA
Chrysene	0.11	J	0.24	0.079	mg/Kg	10	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	16		2.2	0.98	mg/Kg	20	☼	8015B	Total/NA
C13-C22	4100		62	56	mg/Kg	10	☼	8015B	Total/NA
C23-C40	3900		62	56	mg/Kg	10	☼	8015B	Total/NA
Arsenic	11.3		3.57	2.31	mg/Kg	2	☼	6010B	Total/NA
Barium	476		2.38	0.351	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.476		0.476	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.1		1.19	0.633	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.36		2.38	0.507	mg/Kg	2	☼	6010B	Total/NA
Copper	15.7		2.38	0.678	mg/Kg	2	☼	6010B	Total/NA
Lead	14.2		2.38	1.58	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.9		2.38	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	38.6		4.76	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	61.8		4.76	1.94	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB23-2.0 (Continued)
Lab Sample ID: 570-209335-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0731	J	0.100	0.0277	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB23-5.0
Lab Sample ID: 570-209335-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0085	J	0.023	0.0053	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.094		0.023	0.012	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.0015	J	0.012	0.00047	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.00027	J	0.0012	0.00025	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.00035	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.024		0.023	0.0082	mg/Kg	1	☼	8260B	Total/NA
C13-C22	60		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
C23-C40	100		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.41		3.29	2.13	mg/Kg	2	☼	6010B	Total/NA
Barium	142		2.19	0.324	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.965		0.439	0.103	mg/Kg	2	☼	6010B	Total/NA
Chromium	33.8		1.10	0.582	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.57		2.19	0.467	mg/Kg	2	☼	6010B	Total/NA
Copper	20.1		2.19	0.624	mg/Kg	2	☼	6010B	Total/NA
Lead	8.45		2.19	1.45	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.1		2.19	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	55.3		4.39	0.961	mg/Kg	2	☼	6010B	Total/NA
Zinc	62.8		4.39	1.79	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0346	J	0.100	0.0276	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB23-15.0
Lab Sample ID: 570-209335-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.56		3.73	2.41	mg/Kg	2	☼	6010B	Total/NA
Barium	59.2		2.48	0.366	mg/Kg	2	☼	6010B	Total/NA
Beryllium	1.22		0.497	0.117	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.224	J	0.497	0.190	mg/Kg	2	☼	6010B	Total/NA
Chromium	27.0		1.24	0.659	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.14		2.48	0.529	mg/Kg	2	☼	6010B	Total/NA
Copper	23.2		2.48	0.707	mg/Kg	2	☼	6010B	Total/NA
Lead	9.61		2.48	1.64	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.7		2.48	1.41	mg/Kg	2	☼	6010B	Total/NA
Vanadium	47.8		4.97	1.09	mg/Kg	2	☼	6010B	Total/NA
Zinc	67.5		4.97	2.03	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB24-2.0
Lab Sample ID: 570-209335-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.050		0.017	0.0084	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.0043		0.00086	0.00022	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00036	J	0.0086	0.00034	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.00083	J	0.00086	0.00018	mg/Kg	1	☼	8260B	Total/NA
o-Xylene	0.00024	J	0.00086	0.00022	mg/Kg	1	☼	8260B	Total/NA
m,p-Xylene	0.00068	J	0.0017	0.00041	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0042		0.00086	0.00023	mg/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.00092	J	0.0017	0.00052	mg/Kg	1	☼	8260B	Total/NA
C13-C22	47		5.4	4.9	mg/Kg	1	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB24-2.0 (Continued)
Lab Sample ID: 570-209335-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C23-C40	150		5.4	4.9	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.96		2.97	1.92	mg/Kg	2	☼	6010B	Total/NA
Barium	195		1.98	0.292	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.257	J	0.396	0.0930	mg/Kg	2	☼	6010B	Total/NA
Chromium	9.20		0.989	0.525	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.03		1.98	0.421	mg/Kg	2	☼	6010B	Total/NA
Copper	6.92		1.98	0.563	mg/Kg	2	☼	6010B	Total/NA
Lead	4.96		1.98	1.31	mg/Kg	2	☼	6010B	Total/NA
Nickel	6.72		1.98	1.12	mg/Kg	2	☼	6010B	Total/NA
Vanadium	20.3		3.96	0.866	mg/Kg	2	☼	6010B	Total/NA
Zinc	22.2		3.96	1.61	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0551	J	0.0930	0.0257	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB24-5.0
Lab Sample ID: 570-209335-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0043	J	0.018	0.0040	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.023		0.018	0.0088	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.00029	J	0.00089	0.00025	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.00042	J	0.00089	0.00019	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.00025	J	0.0018	0.00023	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.00061	J	0.00089	0.00024	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.043		0.024	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.014	J	0.024	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	0.71		0.11	0.049	mg/Kg	1	☼	8015B	Total/NA
C13-C22	24		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
C23-C40	35		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.69		3.42	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	70.1		2.28	0.336	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.479		0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.5		1.14	0.605	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.91		2.28	0.485	mg/Kg	2	☼	6010B	Total/NA
Copper	11.8		2.28	0.648	mg/Kg	2	☼	6010B	Total/NA
Lead	5.29		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.7		2.28	1.29	mg/Kg	2	☼	6010B	Total/NA
Vanadium	33.0		4.56	0.998	mg/Kg	2	☼	6010B	Total/NA
Zinc	37.2		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0281	J	0.0925	0.0255	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB24-15.0
Lab Sample ID: 570-209335-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018	J	0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Arsenic	10.9		4.36	2.82	mg/Kg	2	☼	6010B	Total/NA
Barium	71.9		2.90	0.428	mg/Kg	2	☼	6010B	Total/NA
Beryllium	1.07		0.581	0.136	mg/Kg	2	☼	6010B	Total/NA
Chromium	36.6		1.45	0.771	mg/Kg	2	☼	6010B	Total/NA
Cobalt	18.8		2.90	0.619	mg/Kg	2	☼	6010B	Total/NA
Copper	39.1		2.90	0.826	mg/Kg	2	☼	6010B	Total/NA
Lead	17.0		2.90	1.92	mg/Kg	2	☼	6010B	Total/NA
Nickel	24.4		2.90	1.65	mg/Kg	2	☼	6010B	Total/NA
Vanadium	60.8		5.81	1.27	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB24-15.0 (Continued)
Lab Sample ID: 570-209335-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	94.7		5.81	2.37	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB22-2.0
Lab Sample ID: 570-209335-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.015	J	0.37	0.015	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.011	J	0.037	0.010	mg/Kg	50	☼	8260B	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.023	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Benzo[a]pyrene	0.010	J	0.023	0.0092	mg/Kg	1	☼	8270C SIM	Total/NA
Chrysene	0.018	J	0.023	0.0073	mg/Kg	1	☼	8270C SIM	Total/NA
Fluoranthene	0.019	J	0.023	0.0091	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.023		0.023	0.017	mg/Kg	1	☼	8270C SIM	Total/NA
Pyrene	0.016	J	0.023	0.0098	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	4.0		0.11	0.047	mg/Kg	1	☼	8015B	Total/NA
C13-C22	1600		57	52	mg/Kg	10	☼	8015B	Total/NA
C23-C40	1900		57	52	mg/Kg	10	☼	8015B	Total/NA
Arsenic	4.49		3.21	2.08	mg/Kg	2	☼	6010B	Total/NA
Barium	2250		2.14	0.315	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.257	J	0.428	0.101	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.192	J	0.428	0.164	mg/Kg	2	☼	6010B	Total/NA
Chromium	27.4		1.07	0.568	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.23		2.14	0.455	mg/Kg	2	☼	6010B	Total/NA
Copper	12.1		2.14	0.608	mg/Kg	2	☼	6010B	Total/NA
Lead	16.1		2.14	1.41	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.09	J	4.28	1.05	mg/Kg	2	☼	6010B	Total/NA
Nickel	11.8		2.14	1.21	mg/Kg	2	☼	6010B	Total/NA
Vanadium	22.8		4.28	0.937	mg/Kg	2	☼	6010B	Total/NA
Zinc	51.8		4.28	1.74	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0839	J	0.0928	0.0256	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB22-5.0
Lab Sample ID: 570-209335-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.023	0.011	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.15		0.11	0.046	mg/Kg	1	☼	8015B	Total/NA
C13-C22	120		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
C23-C40	180		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.09		3.71	2.40	mg/Kg	2	☼	6010B	Total/NA
Barium	297		2.47	0.365	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.841		0.495	0.116	mg/Kg	2	☼	6010B	Total/NA
Chromium	30.3		1.24	0.657	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.6		2.47	0.527	mg/Kg	2	☼	6010B	Total/NA
Copper	19.2		2.47	0.704	mg/Kg	2	☼	6010B	Total/NA
Lead	9.55		2.47	1.64	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.3		2.47	1.41	mg/Kg	2	☼	6010B	Total/NA
Vanadium	52.0		4.95	1.08	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.4		4.95	2.02	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0355	J	0.0970	0.0268	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB22-15.0
Lab Sample ID: 570-209335-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00031	J	0.00094	0.00024	mg/Kg	1	☼	8260B	Total/NA
Benzo[b]fluoranthene	0.14	J *1	0.57	0.097	mg/Kg	1	☼	8270C	Total/NA
Barium	43.5		2.37	0.350	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.522		0.475	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.3		1.19	0.630	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.50		2.37	0.505	mg/Kg	2	☼	6010B	Total/NA
Copper	13.7		2.37	0.675	mg/Kg	2	☼	6010B	Total/NA
Lead	5.13		2.37	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	13.8		2.37	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.5		4.75	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	47.4		4.75	1.94	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.011	J	0.022	0.0051	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.10		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00037	J	0.0011	0.00029	mg/Kg	1	☼	8260B	Total/NA
C13-C22	240		28	26	mg/Kg	5	☼	8015B	Total/NA
C23-C40	730		28	26	mg/Kg	5	☼	8015B	Total/NA
Arsenic	10.6		3.35	2.17	mg/Kg	2	☼	6010B	Total/NA
Barium	3370		2.23	0.329	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.402	J	0.446	0.105	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.179	J	0.446	0.171	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.3		1.12	0.592	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.00		2.23	0.475	mg/Kg	2	☼	6010B	Total/NA
Copper	18.1		2.23	0.635	mg/Kg	2	☼	6010B	Total/NA
Lead	33.6		2.23	1.48	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.23	J	4.46	1.09	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.2		2.23	1.27	mg/Kg	2	☼	6010B	Total/NA
Vanadium	29.1		4.46	0.977	mg/Kg	2	☼	6010B	Total/NA
Zinc	72.8		4.46	1.82	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.139		0.0953	0.0263	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB18-5.0
Lab Sample ID: 570-209335-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023		0.020	0.010	mg/Kg	1	☼	8260B	Total/NA
C13-C22	12		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
C23-C40	24		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	5.61		3.55	2.30	mg/Kg	2	☼	6010B	Total/NA
Barium	159		2.37	0.349	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.687		0.474	0.111	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.308	J	0.474	0.181	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.8		1.18	0.629	mg/Kg	2	☼	6010B	Total/NA
Cobalt	13.1		2.37	0.504	mg/Kg	2	☼	6010B	Total/NA
Copper	16.5		2.37	0.674	mg/Kg	2	☼	6010B	Total/NA
Lead	7.96		2.37	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.5		2.37	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.0		4.74	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	48.5		4.74	1.93	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0298	J	0.0972	0.0268	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB18-14.0
Lab Sample ID: 570-209335-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0019	J	0.0025	0.00035	mg/Kg	1	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.00062	J	0.0025	0.00033	mg/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	0.010	J	0.025	0.0056	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.074		0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00036	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00092	J	0.012	0.00050	mg/Kg	1	☼	8260B	Total/NA
Chlorobenzene	0.00047	J	0.0012	0.00033	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.00029	J	0.0012	0.00026	mg/Kg	1	☼	8260B	Total/NA
o-Xylene	0.00034	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
p-Isopropyltoluene	0.00036	J	0.0012	0.00035	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.00035	J	0.0012	0.00034	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00037	J	0.0012	0.00034	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.023	J	0.025	0.014	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.013	J	0.025	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	0.20		0.13	0.057	mg/Kg	1	☼	8015B	Total/NA
C13-C22	25		6.3	5.8	mg/Kg	1	☼	8015B	Total/NA
Arsenic	7.26		3.78	2.45	mg/Kg	2	☼	6010B	Total/NA
Barium	70.2		2.52	0.372	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.580		0.504	0.118	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.1		1.26	0.669	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.3		2.52	0.537	mg/Kg	2	☼	6010B	Total/NA
Copper	15.6		2.52	0.717	mg/Kg	2	☼	6010B	Total/NA
Lead	6.28		2.52	1.67	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.24	J	5.04	1.24	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.6		2.52	1.43	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.5		5.04	1.10	mg/Kg	2	☼	6010B	Total/NA
Zinc	60.7		5.04	2.06	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0307	J	0.0995	0.0275	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB20-2.0
Lab Sample ID: 570-209335-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.051		0.046	0.014	mg/Kg	50	☼	8260B	Total/NA
Chlorobenzene	0.056		0.046	0.012	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.064		0.046	0.013	mg/Kg	50	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	4.9		0.095	0.042	mg/Kg	1	☼	8015B	Total/NA
C13-C22	520		28	26	mg/Kg	5	☼	8015B	Total/NA
C23-C40	1800		28	26	mg/Kg	5	☼	8015B	Total/NA
Arsenic	10.0		3.42	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	112		2.28	0.336	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.433	J	0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.2		1.14	0.606	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.23		2.28	0.486	mg/Kg	2	☼	6010B	Total/NA
Copper	36.1		2.28	0.649	mg/Kg	2	☼	6010B	Total/NA
Lead	31.0		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.2		2.28	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	34.7		4.56	0.999	mg/Kg	2	☼	6010B	Total/NA
Zinc	68.1		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA
Mercury	3.13		0.466	0.129	mg/Kg	5	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB20-5.0
Lab Sample ID: 570-209335-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
C23-C40	8.2		5.7	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.25		3.25	2.10	mg/Kg	2	☼	6010B	Total/NA
Barium	112		2.17	0.320	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.889		0.433	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	30.8		1.08	0.575	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.9		2.17	0.462	mg/Kg	2	☼	6010B	Total/NA
Copper	20.6		2.17	0.617	mg/Kg	2	☼	6010B	Total/NA
Lead	7.87		2.17	1.43	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.0		2.17	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.9		4.33	0.949	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.9		4.33	1.77	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0319	J	0.0923	0.0255	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB20-15.0
Lab Sample ID: 570-209335-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020	J	0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.80		3.24	2.10	mg/Kg	2	☼	6010B	Total/NA
Barium	55.0		2.16	0.319	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.432		0.432	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.2		1.08	0.574	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.80		2.16	0.460	mg/Kg	2	☼	6010B	Total/NA
Copper	10.8		2.16	0.615	mg/Kg	2	☼	6010B	Total/NA
Lead	4.71		2.16	1.43	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.12		2.16	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	40.6		4.32	0.947	mg/Kg	2	☼	6010B	Total/NA
Zinc	39.3		4.32	1.76	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0321	J	0.0951	0.0262	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB19-2.0
Lab Sample ID: 570-209335-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00053	J	0.0024	0.00034	mg/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	0.015	J	0.024	0.0055	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.090		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00043	J	0.0012	0.00031	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.0013	J	0.012	0.00048	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.00049	J	0.0012	0.00025	mg/Kg	1	☼	8260B	Total/NA
p-Isopropyltoluene	0.00048	J	0.0012	0.00034	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0099	J	0.024	0.0084	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00051	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
Benzo[a]anthracene	0.57	J	1.1	0.44	mg/Kg	50	☼	8270C SIM	Total/NA
Benzo[a]pyrene	0.62	J	1.1	0.44	mg/Kg	50	☼	8270C SIM	Total/NA
Chrysene	0.79	J	1.1	0.35	mg/Kg	50	☼	8270C SIM	Total/NA
Fluoranthene	0.96	J	1.1	0.44	mg/Kg	50	☼	8270C SIM	Total/NA
Pyrene	1.2		1.1	0.47	mg/Kg	50	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	0.52		0.12	0.052	mg/Kg	1	☼	8015B	Total/NA
C13-C22	2900		270	250	mg/Kg	50	☼	8015B	Total/NA
C23-C40	4300		270	250	mg/Kg	50	☼	8015B	Total/NA
Arsenic	6.96		3.12	2.02	mg/Kg	2	☼	6010B	Total/NA
Barium	814		2.08	0.307	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB19-2.0 (Continued)
Lab Sample ID: 570-209335-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.333	J	0.417	0.0979	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.3		1.04	0.553	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.08		2.08	0.444	mg/Kg	2	☼	6010B	Total/NA
Copper	17.5		2.08	0.593	mg/Kg	2	☼	6010B	Total/NA
Lead	38.8		2.08	1.38	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.0		2.08	1.18	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.6		4.17	0.912	mg/Kg	2	☼	6010B	Total/NA
Zinc	73.1		4.17	1.70	mg/Kg	2	☼	6010B	Total/NA
Mercury	2.04		0.176	0.0486	mg/Kg	2	☼	7471A	Total/NA

Client Sample ID: SB19-5.0
Lab Sample ID: 570-209335-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.056		0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
Naphthalene	0.010	J	0.023	0.010	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	0.062	J	0.11	0.048	mg/Kg	1	☼	8015B	Total/NA
C13-C22	17		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
C23-C40	30		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	7.10		3.57	2.31	mg/Kg	2	☼	6010B	Total/NA
Barium	106		2.38	0.351	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.858		0.476	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.7		1.19	0.632	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.0		2.38	0.507	mg/Kg	2	☼	6010B	Total/NA
Copper	19.2		2.38	0.678	mg/Kg	2	☼	6010B	Total/NA
Lead	8.31		2.38	1.58	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.1		2.38	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	48.4		4.76	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.7		4.76	1.94	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0371	J	0.0938	0.0259	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB19-15.0
Lab Sample ID: 570-209335-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.16		3.63	2.35	mg/Kg	2	☼	6010B	Total/NA
Barium	62.4		2.42	0.357	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.508		0.484	0.114	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.4		1.21	0.642	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.76		2.42	0.515	mg/Kg	2	☼	6010B	Total/NA
Copper	14.9		2.42	0.688	mg/Kg	2	☼	6010B	Total/NA
Lead	5.81		2.42	1.60	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.9		2.42	1.37	mg/Kg	2	☼	6010B	Total/NA
Vanadium	38.5		4.84	1.06	mg/Kg	2	☼	6010B	Total/NA
Zinc	46.1		4.84	1.97	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0489	J	0.0938	0.0259	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB28-2.0
Lab Sample ID: 570-209335-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.053		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Arsenic	2.79	J	3.06	1.98	mg/Kg	2	☼	6010B	Total/NA
Barium	61.3		2.04	0.301	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB28-2.0 (Continued)
Lab Sample ID: 570-209335-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.408		0.408	0.0958	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.5		1.02	0.541	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.69		2.04	0.434	mg/Kg	2	☼	6010B	Total/NA
Copper	12.7		2.04	0.580	mg/Kg	2	☼	6010B	Total/NA
Lead	4.34		2.04	1.35	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.9		2.04	1.16	mg/Kg	2	☼	6010B	Total/NA
Vanadium	33.9		4.08	0.893	mg/Kg	2	☼	6010B	Total/NA
Zinc	36.4		4.08	1.66	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0279	J	0.0894	0.0247	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB28-5.0
Lab Sample ID: 570-209335-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.051		0.023	0.011	mg/Kg	1	☼	8260B	Total/NA
Arsenic	7.41		3.39	2.19	mg/Kg	2	☼	6010B	Total/NA
Barium	181		2.26	0.333	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.971		0.452	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	29.4		1.13	0.600	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.5		2.26	0.481	mg/Kg	2	☼	6010B	Total/NA
Copper	19.4		2.26	0.643	mg/Kg	2	☼	6010B	Total/NA
Lead	8.97		2.26	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.6		2.26	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	54.6		4.52	0.989	mg/Kg	2	☼	6010B	Total/NA
Zinc	62.2		4.52	1.84	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0868	J	0.0926	0.0255	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB28-15.0
Lab Sample ID: 570-209335-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.015	J	0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.00062	J	0.0025	0.00047	mg/Kg	1	☼	8260B	Total/NA
Arsenic	5.05		3.37	2.18	mg/Kg	2	☼	6010B	Total/NA
Barium	79.0		2.24	0.331	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.696		0.449	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	23.7		1.12	0.596	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.50		2.24	0.478	mg/Kg	2	☼	6010B	Total/NA
Copper	19.6		2.24	0.639	mg/Kg	2	☼	6010B	Total/NA
Lead	7.16		2.24	1.48	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.8		2.24	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	51.0		4.49	0.983	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.9		4.49	1.83	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: EB20241203
Lab Sample ID: 570-209335-28

No Detections.

Client Sample ID: TB20241203
Lab Sample ID: 570-209335-29

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB17-2.0
Lab Sample ID: 570-209335-1
Date Collected: 12/03/24 08:26
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00093	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1,1-Trichloroethane	ND		0.00093	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0093	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1,2-Trichloroethane	ND		0.00093	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1-Dichloroethane	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1-Dichloroethene	ND		0.00093	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,1-Dichloropropene	ND		0.0019	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2-Dibromo-3-Chloropropane	ND		0.0093	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2-Dibromoethane	ND		0.00093	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2-Dichlorobenzene	ND		0.00093	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2-Dichloroethane	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,2-Dichloropropane	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,3-Dichlorobenzene	ND		0.00093	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,3-Dichloropropane	ND		0.00093	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
1,4-Dichlorobenzene	ND		0.00093	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
2,2-Dichloropropane	ND		0.0047	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
2-Butanone (MEK)	ND		0.019	0.0042	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
2-Chlorotoluene	ND		0.00093	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
2-Hexanone	ND		0.019	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
4-Chlorotoluene	ND		0.00093	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Acetone	**0.047**		0.019	0.0092	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Benzene	ND		0.00093	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Bromobenzene	ND		0.00093	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Bromochloromethane	ND		0.0019	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Bromodichloromethane	ND		0.00093	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Bromoform	ND		0.0047	0.0012	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Bromomethane	ND		0.019	0.0061	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
cis-1,2-Dichloroethene	ND		0.00093	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
cis-1,3-Dichloropropene	ND		0.00093	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Carbon disulfide	**0.00081**	**J**	0.0093	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Carbon tetrachloride	ND		0.00093	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Chlorobenzene	ND		0.00093	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Chloroethane	ND		0.0019	0.00069	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Chloroform	ND		0.00093	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Chloromethane	ND		0.019	0.0014	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Dibromochloromethane	ND		0.0019	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Dibromomethane	ND		0.00093	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Dichlorodifluoromethane	ND		0.0019	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Di-isopropyl ether (DIPE)	ND	*1	0.00093	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Ethanol	ND		0.23	0.086	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Ethylbenzene	ND		0.00093	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.00093	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Methylene Chloride	ND		0.0093	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Naphthalene	ND		0.0093	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
n-Butylbenzene	ND		0.00093	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
N-Propylbenzene	ND		0.0019	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
o-Xylene	ND		0.00093	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
m,p-Xylene	ND		0.0019	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
p-Isopropyltoluene	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
sec-Butylbenzene	ND		0.00093	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Styrene	ND		0.00093	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
trans-1,2-Dichloroethene	ND		0.00093	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
trans-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Tert-amyl-methyl ether (TAME)	ND		0.00093	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0065	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
tert-Butylbenzene	ND		0.00093	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Tetrachloroethene	ND		0.00093	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Toluene	ND		0.00093	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Trichlorofluoromethane	ND		0.0093	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Vinyl acetate	ND	*1	0.0093	0.0036	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Vinyl chloride	ND		0.00093	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1
Xylenes, Total	ND		0.0019	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*32 - 179*	*12/04/24 19:13*	*12/05/24 03:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:13*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/04/24 19:13*	*12/05/24 03:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:13*	*1*

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00098	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1,1-Trichloroethane	ND		0.00098	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0098	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1,2-Trichloroethane	ND		0.00098	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1-Dichloroethene	ND		0.00098	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2-Dibromo-3-Chloropropane	ND		0.0098	0.0033	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2-Dibromoethane	ND		0.00098	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,2-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,3-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,3-Dichloropropane	ND		0.00098	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
1,4-Dichlorobenzene	ND		0.00098	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
2-Butanone (MEK)	ND		0.020	0.0044	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
2-Chlorotoluene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
2-Hexanone	ND		0.020	0.0030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
4-Chlorotoluene	ND		0.00098	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Acetone	**0.039**		0.020	0.0097	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Benzene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Bromobenzene	ND		0.00098	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Bromodichloromethane	ND		0.00098	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
cis-1,2-Dichloroethene	ND		0.00098	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
cis-1,3-Dichloropropene	ND		0.00098	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Carbon disulfide	ND		0.0098	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Carbon tetrachloride	ND		0.00098	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Chlorobenzene	ND		0.00098	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Chloroethane	ND		0.0020	0.00073	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Chloroform	ND		0.00098	0.00058	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Dibromomethane	ND		0.00098	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Di-isopropyl ether (DIPE)	ND	*1	0.00098	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Ethanol	ND		0.25	0.090	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Ethylbenzene	ND		0.00098	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.00098	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Isopropylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Methylene Chloride	ND		0.0098	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Naphthalene	ND		0.0098	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
n-Butylbenzene	ND		0.00098	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
o-Xylene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
m,p-Xylene	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
p-Isopropyltoluene	ND		0.00098	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
sec-Butylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Styrene	ND		0.00098	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
trans-1,2-Dichloroethene	ND		0.00098	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
trans-1,3-Dichloropropene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Tert-amyl-methyl ether (TAME)	ND		0.00098	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
tert-Butylbenzene	ND		0.00098	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00098	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Toluene	ND		0.00098	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Trichlorofluoromethane	ND		0.0098	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Vinyl acetate	ND	*1	0.0098	0.0038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Vinyl chloride	ND		0.00098	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1
Xylenes, Total	ND		0.0020	0.00059	mg/Kg	☼	12/04/24 19:13	12/05/24 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*32 - 179*	*12/04/24 19:13*	*12/05/24 03:35*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:35*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/04/24 19:13*	*12/05/24 03:35*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:35*	*1*

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Acetone	ND		0.020	0.0099	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Benzene	**0.00027**	**J**	0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Chloroethane	ND		0.0020	0.00075	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Di-isopropyl ether (DIPE)	ND	*1	0.0010	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Ethanol	ND		0.25	0.093	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Naphthalene	ND		0.010	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Vinyl acetate	ND	*1	0.010	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/04/24 19:13	12/05/24 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*32 - 179*	*12/04/24 19:13*	*12/05/24 03:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:57*	*1*
Dibromofluoromethane (Surr)	*110*		*58 - 147*	*12/04/24 19:13*	*12/05/24 03:57*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/04/24 19:13*	*12/05/24 03:57*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB21-2.0
Lab Sample ID: 570-209335-4
Date Collected: 12/03/24 09:05
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.056	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1,1-Trichloroethane	ND		0.056	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1,2,2-Tetrachloroethane	ND		0.11	0.030	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.56	0.026	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1,2-Trichloroethane	ND		0.056	0.026	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1-Dichloroethane	ND		0.056	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1-Dichloroethene	ND		0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,1-Dichloropropene	ND		0.11	0.022	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2,3-Trichlorobenzene	ND		0.11	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2,3-Trichloropropane	ND		0.11	0.023	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2,4-Trichlorobenzene	ND		0.11	0.023	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2,4-Trimethylbenzene	ND		0.11	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2-Dibromo-3-Chloropropane	ND		0.56	0.19	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2-Dibromoethane	ND		0.056	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2-Dichlorobenzene	**0.018**	**J**	0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2-Dichloroethane	ND		0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,2-Dichloropropane	ND		0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,3,5-Trimethylbenzene	ND		0.11	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,3-Dichlorobenzene	ND		0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,3-Dichloropropane	ND		0.056	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
1,4-Dichlorobenzene	ND		0.056	0.017	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
2,2-Dichloropropane	ND		0.28	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
2-Butanone (MEK)	ND		1.1	0.25	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
2-Chlorotoluene	ND		0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
2-Hexanone	ND		1.1	0.17	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
4-Chlorotoluene	ND		0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
4-Methyl-2-pentanone (MIBK)	ND		1.1	0.16	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Acetone	ND		1.1	0.55	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Benzene	ND		0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Bromobenzene	ND		0.056	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Bromochloromethane	ND		0.11	0.025	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Bromodichloromethane	ND		0.056	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Bromoform	ND		0.28	0.074	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Bromomethane	ND		1.1	0.37	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
cis-1,2-Dichloroethene	ND		0.056	0.019	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
cis-1,3-Dichloropropene	ND		0.056	0.019	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Carbon disulfide	ND		0.56	0.022	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Carbon tetrachloride	ND		0.056	0.017	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Chlorobenzene	ND		0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Chloroethane	ND		0.11	0.042	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Chloroform	ND		0.056	0.033	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Chloromethane	ND		1.1	0.086	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Dibromochloromethane	ND		0.11	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Dibromomethane	ND		0.056	0.017	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Dichlorodifluoromethane	ND		0.11	0.025	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Di-isopropyl ether (DIPE)	ND	*1	0.056	0.028	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Ethanol	ND		14	5.1	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Ethylbenzene	**0.015**	**J**	0.056	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Ethyl-t-butyl ether (ETBE)	ND		0.056	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.020**	**J**	0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Methylene Chloride	ND		0.56	0.17	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Methyl-t-Butyl Ether (MTBE)	ND		0.11	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Naphthalene	ND		0.56	0.22	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
n-Butylbenzene	**0.045**	**J**	0.056	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
N-Propylbenzene	**0.025**	**J**	0.11	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
o-Xylene	**0.018**	**J**	0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
m,p-Xylene	ND		0.11	0.026	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
p-Isopropyltoluene	**0.051**	**J**	0.056	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
sec-Butylbenzene	**0.035**	**J**	0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Styrene	ND		0.056	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
trans-1,2-Dichloroethene	ND		0.056	0.017	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
trans-1,3-Dichloropropene	ND		0.11	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Tert-amyl-methyl ether (TAME)	ND		0.056	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
tert-Butyl alcohol (TBA)	ND		1.1	0.39	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
tert-Butylbenzene	ND		0.056	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Tetrachloroethene	ND		0.056	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Toluene	ND		0.056	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Trichloroethene	ND		0.11	0.022	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Trichlorofluoromethane	ND		0.56	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Vinyl acetate	ND	*1	0.56	0.22	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Vinyl chloride	ND		0.056	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50
Xylenes, Total	ND		0.11	0.034	mg/Kg	☼	12/04/24 19:13	12/05/24 05:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*	*12/04/24 19:13*	*12/05/24 05:03*	*50*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/04/24 19:13*	*12/05/24 05:03*	*50*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/04/24 19:13*	*12/05/24 05:03*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*	*12/04/24 19:13*	*12/05/24 05:03*	*50*

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-5.0
Lab Sample ID: 570-209335-5
Date Collected: 12/03/24 09:15
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
2-Butanone (MEK)	ND		0.020	0.0046	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Acetone	**0.036**		0.020	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Bromoform	ND		0.0051	0.0013	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Chloroethane	ND		0.0020	0.00076	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Di-isopropyl ether (DIPE)	ND	*1	0.0010	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Ethanol	ND		0.26	0.094	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
N-Propylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
trans-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
tert-Butyl alcohol (TBA)	**0.019**	**J**	0.020	0.0071	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Vinyl acetate	ND	*1	0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	12/04/24 19:13	12/05/24 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*32 - 179*	*12/04/24 19:13*	*12/05/24 04:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/04/24 19:13*	*12/05/24 04:19*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/04/24 19:13*	*12/05/24 04:19*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 04:19*	*1*

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
2-Butanone (MEK)	ND		0.020	0.0046	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Acetone	ND		0.020	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0051	0.0013	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Chloroethane	ND		0.0020	0.00076	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Di-isopropyl ether (DIPE)	ND	*1	0.0010	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Ethanol	ND		0.25	0.094	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0071	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Vinyl acetate	ND	*1	0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	12/04/24 19:13	12/05/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*32 - 179*	*12/04/24 19:13*	*12/05/24 04:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/04/24 19:13*	*12/05/24 04:41*	*1*
Dibromofluoromethane (Surr)	*107*		*58 - 147*	*12/04/24 19:13*	*12/05/24 04:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/04/24 19:13*	*12/05/24 04:41*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB23-2.0
Lab Sample ID: 570-209335-7
Date Collected: 12/03/24 09:50
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.22	0.065	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1,1-Trichloroethane	ND		0.22	0.052	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1,2,2-Tetrachloroethane	ND		0.44	0.12	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.2	0.10	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1,2-Trichloroethane	ND		0.22	0.10	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1-Dichloroethane	ND		0.22	0.062	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1-Dichloroethene	ND		0.22	0.059	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,1-Dichloropropene	ND		0.44	0.086	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2,3-Trichlorobenzene	ND		0.44	0.084	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2,3-Trichloropropane	ND		0.44	0.093	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2,4-Trichlorobenzene	ND		0.44	0.091	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2,4-Trimethylbenzene	ND		0.44	0.062	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2-Dibromo-3-Chloropropane	ND		2.2	0.74	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2-Dibromoethane	ND		0.22	0.046	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2-Dichlorobenzene	ND		0.22	0.056	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2-Dichloroethane	ND		0.22	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,2-Dichloropropane	ND		0.22	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,3,5-Trimethylbenzene	ND		0.44	0.059	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,3-Dichlorobenzene	ND		0.22	0.056	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,3-Dichloropropane	ND		0.22	0.066	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
1,4-Dichlorobenzene	ND		0.22	0.068	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
2,2-Dichloropropane	ND		1.1	0.060	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
2-Butanone (MEK)	ND		4.4	1.0	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
2-Chlorotoluene	ND		0.22	0.056	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
2-Hexanone	ND		4.4	0.68	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
4-Chlorotoluene	ND		0.22	0.054	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
4-Methyl-2-pentanone (MIBK)	ND		4.4	0.65	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Acetone	ND		4.4	2.2	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Benzene	ND		0.22	0.057	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Bromobenzene	ND		0.22	0.046	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Bromochloromethane	ND		0.44	0.099	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Bromodichloromethane	ND		0.22	0.072	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Bromoform	ND		1.1	0.29	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Bromomethane	ND		4.4	1.5	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
cis-1,2-Dichloroethene	ND		0.22	0.075	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
cis-1,3-Dichloropropene	ND		0.22	0.078	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Carbon disulfide	ND		2.2	0.089	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Carbon tetrachloride	ND		0.22	0.067	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Chlorobenzene	ND		0.22	0.060	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Chloroethane	ND		0.44	0.17	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Chloroform	ND		0.22	0.13	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Chloromethane	ND		4.4	0.34	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Dibromochloromethane	ND		0.44	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Dibromomethane	ND		0.22	0.068	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Dichlorodifluoromethane	ND		0.44	0.10	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Di-isopropyl ether (DIPE)	ND	*1	0.22	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Ethanol	ND		56	20	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Ethylbenzene	ND		0.22	0.046	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Ethyl-t-butyl ether (ETBE)	ND		0.22	0.052	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.22	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Methylene Chloride	ND		2.2	0.69	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Methyl-t-Butyl Ether (MTBE)	ND		0.44	0.042	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Naphthalene	ND		2.2	0.87	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
n-Butylbenzene	ND		0.22	0.047	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
N-Propylbenzene	ND		0.44	0.058	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
o-Xylene	ND		0.22	0.057	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
m,p-Xylene	ND		0.44	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
p-Isopropyltoluene	ND		0.22	0.063	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
sec-Butylbenzene	ND		0.22	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Styrene	ND		0.22	0.070	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
trans-1,2-Dichloroethene	ND		0.22	0.067	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
trans-1,3-Dichloropropene	ND		0.44	0.062	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Tert-amyl-methyl ether (TAME)	ND		0.22	0.043	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
tert-Butyl alcohol (TBA)	ND		4.4	1.6	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
tert-Butylbenzene	ND		0.22	0.057	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Tetrachloroethene	ND		0.22	0.050	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Toluene	ND		0.22	0.060	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Trichloroethene	ND		0.44	0.086	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Trichlorofluoromethane	ND		2.2	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Vinyl acetate	ND	*1	2.2	0.87	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Vinyl chloride	ND		0.22	0.084	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200
Xylenes, Total	ND		0.44	0.13	mg/Kg	☼	12/04/24 19:13	12/05/24 05:25	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*	*12/04/24 19:13*	*12/05/24 05:25*	*200*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 05:25*	*200*
Dibromofluoromethane (Surr)	*94*		*58 - 147*	*12/04/24 19:13*	*12/05/24 05:25*	*200*
Toluene-d8 (Surr)	*102*		*80 - 120*	*12/04/24 19:13*	*12/05/24 05:25*	*200*

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00064	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,1-Dichloropropene	ND		0.0023	0.00046	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00044	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00033	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-5.0
Lab Sample ID: 570-209335-8
Date Collected: 12/03/24 10:00
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
2-Butanone (MEK)	**0.0085**	**J**	0.023	0.0053	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
2-Hexanone	ND		0.023	0.0036	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0034	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Acetone	**0.094**		0.023	0.012	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Benzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Bromoform	ND		0.0059	0.0016	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Bromomethane	ND		0.023	0.0077	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Carbon disulfide	**0.0015**	**J**	0.012	0.00047	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Chloroethane	ND		0.0023	0.00087	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Chloroform	ND		0.0012	0.00069	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Chloromethane	ND		0.023	0.0018	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Ethanol	ND		0.29	0.11	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Isopropylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00022	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
n-Butylbenzene	**0.00027**	**J**	0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
N-Propylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
m,p-Xylene	ND		0.0023	0.00056	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
sec-Butylbenzene	**0.00035**	**J**	0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
trans-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
trans-1,3-Dichloropropene	ND		0.0023	0.00033	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
tert-Butyl alcohol (TBA)	**0.024**		0.023	0.0082	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Vinyl chloride	ND		0.0012	0.00044	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1
Xylenes, Total	ND		0.0023	0.00070	mg/Kg	☼	12/04/24 19:13	12/06/24 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/04/24 19:13*	*12/06/24 10:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/04/24 19:13*	*12/06/24 10:10*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/04/24 19:13*	*12/06/24 10:10*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/04/24 19:13*	*12/06/24 10:10*	*1*

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
2,2-Dichloropropane	ND		0.0061	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
2-Butanone (MEK)	ND		0.024	0.0055	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Acetone	ND		0.024	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0061	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Bromomethane	ND		0.024	0.0080	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Carbon disulfide	ND		0.012	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Chloroethane	ND		0.0024	0.00090	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Chloroform	ND		0.0012	0.00071	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00061	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Naphthalene	ND		0.012	0.0048	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
n-Butylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
N-Propylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0085	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1
Xylenes, Total	ND		0.0024	0.00073	mg/Kg	☼	12/04/24 19:13	12/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/04/24 19:13*	*12/05/24 13:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:13*	*12/05/24 13:41*	*1*
Dibromofluoromethane (Surr)	*101*		*58 - 147*	*12/04/24 19:13*	*12/05/24 13:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 13:41*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB24-2.0
Lab Sample ID: 570-209335-10
Date Collected: 12/03/24 10:25
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00086	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1,1-Trichloroethane	ND		0.00086	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0086	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1,2-Trichloroethane	ND		0.00086	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1-Dichloroethane	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1-Dichloroethene	ND		0.00086	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,1-Dichloropropene	ND		0.0017	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2,3-Trichloropropane	ND		0.0017	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2-Dibromo-3-Chloropropane	ND		0.0086	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2-Dibromoethane	ND		0.00086	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2-Dichlorobenzene	ND		0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2-Dichloroethane	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,2-Dichloropropane	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,3-Dichlorobenzene	ND		0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,3-Dichloropropane	ND		0.00086	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
1,4-Dichlorobenzene	ND		0.00086	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
2,2-Dichloropropane	ND		0.0043	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
2-Butanone (MEK)	ND		0.017	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
2-Chlorotoluene	ND		0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
2-Hexanone	ND		0.017	0.0026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
4-Chlorotoluene	ND		0.00086	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.017	0.0025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Acetone	**0.050**		0.017	0.0084	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Benzene	**0.0043**		0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Bromobenzene	ND		0.00086	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Bromochloromethane	ND		0.0017	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Bromodichloromethane	ND		0.00086	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Bromoform	ND		0.0043	0.0011	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Bromomethane	ND		0.017	0.0056	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
cis-1,2-Dichloroethene	ND		0.00086	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
cis-1,3-Dichloropropene	ND		0.00086	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Carbon disulfide	**0.00036**	**J**	0.0086	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Carbon tetrachloride	ND		0.00086	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Chlorobenzene	ND		0.00086	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Chloroethane	ND		0.0017	0.00064	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Chloroform	ND		0.00086	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Chloromethane	ND		0.017	0.0013	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Dibromochloromethane	ND		0.0017	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Dibromomethane	ND		0.00086	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Dichlorodifluoromethane	ND		0.0017	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Di-isopropyl ether (DIPE)	ND		0.00086	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Ethanol	ND		0.21	0.079	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Ethylbenzene	**0.00083**	**J**	0.00086	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.00086	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Methylene Chloride	ND		0.0086	0.0027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0017	0.00016	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Naphthalene	ND		0.0086	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
n-Butylbenzene	ND		0.00086	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
N-Propylbenzene	ND		0.0017	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
o-Xylene	**0.00024**	**J**	0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
m,p-Xylene	**0.00068**	**J**	0.0017	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
p-Isopropyltoluene	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
sec-Butylbenzene	ND		0.00086	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Styrene	ND		0.00086	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
trans-1,2-Dichloroethene	ND		0.00086	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
trans-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Tert-amyl-methyl ether (TAME)	ND		0.00086	0.00017	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0060	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
tert-Butylbenzene	ND		0.00086	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Tetrachloroethene	ND		0.00086	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Toluene	**0.0042**		0.00086	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Trichloroethene	ND		0.0017	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Trichlorofluoromethane	ND		0.0086	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Vinyl acetate	ND		0.0086	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Vinyl chloride	ND		0.00086	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1
Xylenes, Total	**0.00092**	**J**	0.0017	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*12/04/24 19:13*	*12/05/24 14:01*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:01*	*1*
Dibromofluoromethane (Surr)	*105*		*58 - 147*	*12/04/24 19:13*	*12/05/24 14:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:01*	*1*

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00089	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1,1-Trichloroethane	ND		0.00089	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0089	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1,2-Trichloroethane	ND		0.00089	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1-Dichloroethane	ND		0.00089	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1-Dichloroethene	ND		0.00089	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,1-Dichloropropene	ND		0.0018	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2,3-Trichloropropane	ND		0.0018	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2-Dibromo-3-Chloropropane	ND		0.0089	0.0030	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2-Dibromoethane	ND		0.00089	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2-Dichlorobenzene	ND		0.00089	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,2-Dichloroethane	ND		0.00089	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-5.0
Lab Sample ID: 570-209335-11
Date Collected: 12/03/24 10:35
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00089	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,3-Dichlorobenzene	ND		0.00089	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,3-Dichloropropane	ND		0.00089	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
1,4-Dichlorobenzene	ND		0.00089	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
2,2-Dichloropropane	ND		0.0045	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
2-Butanone (MEK)	**0.0043**	**J**	0.018	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
2-Chlorotoluene	ND		0.00089	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
2-Hexanone	ND		0.018	0.0027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
4-Chlorotoluene	ND		0.00089	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.018	0.0026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Acetone	**0.023**		0.018	0.0088	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Benzene	ND		0.00089	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Bromobenzene	ND		0.00089	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Bromochloromethane	ND		0.0018	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Bromodichloromethane	ND		0.00089	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Bromoform	ND		0.0045	0.0012	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Bromomethane	ND		0.018	0.0059	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
cis-1,2-Dichloroethene	ND		0.00089	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
cis-1,3-Dichloropropene	ND		0.00089	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Carbon disulfide	ND		0.0089	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Carbon tetrachloride	ND		0.00089	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Chlorobenzene	ND		0.00089	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Chloroethane	ND		0.0018	0.00066	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Chloroform	ND		0.00089	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Chloromethane	ND		0.018	0.0014	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Dibromochloromethane	ND		0.0018	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Dibromomethane	ND		0.00089	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Dichlorodifluoromethane	ND		0.0018	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Di-isopropyl ether (DIPE)	ND		0.00089	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Ethanol	ND		0.22	0.082	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Ethylbenzene	ND		0.00089	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.00089	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Isopropylbenzene	**0.00029**	**J**	0.00089	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Methylene Chloride	ND		0.0089	0.0028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Naphthalene	ND		0.0089	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
n-Butylbenzene	**0.00042**	**J**	0.00089	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
N-Propylbenzene	**0.00025**	**J**	0.0018	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
o-Xylene	ND		0.00089	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
m,p-Xylene	ND		0.0018	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
p-Isopropyltoluene	ND		0.00089	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
sec-Butylbenzene	**0.00061**	**J**	0.00089	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Styrene	ND		0.00089	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
trans-1,2-Dichloroethene	ND		0.00089	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
trans-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Tert-amyl-methyl ether (TAME)	ND		0.00089	0.00017	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0062	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
tert-Butylbenzene	ND		0.00089	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00089	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Toluene	ND		0.00089	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Trichloroethene	ND		0.0018	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Trichlorofluoromethane	ND		0.0089	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Vinyl acetate	ND		0.0089	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Vinyl chloride	ND		0.00089	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1
Xylenes, Total	ND		0.0018	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 179*	*12/04/24 19:13*	*12/05/24 14:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:21*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/04/24 19:13*	*12/05/24 14:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:21*	*1*

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2-Dichlorobenzene	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
1,4-Dichlorobenzene	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
2-Butanone (MEK)	ND		0.021	0.0048	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
4-Chlorotoluene	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Acetone	**0.018**	**J**	0.021	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Benzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Bromodichloromethane	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0053	0.0014	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
cis-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
cis-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Chloroform	ND		0.0011	0.00062	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Ethanol	ND		0.26	0.097	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Isopropylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Naphthalene	ND		0.011	0.0041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
o-Xylene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
p-Isopropyltoluene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
sec-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Styrene	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
trans-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0074	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Toluene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Vinyl acetate	ND		0.011	0.0041	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/04/24 19:13	12/05/24 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/04/24 19:13*	*12/05/24 14:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:41*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/04/24 19:13*	*12/05/24 14:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 14:41*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB22-2.0
Lab Sample ID: 570-209335-13
Date Collected: 12/03/24 11:05
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1,1-Trichloroethane	ND		0.037	0.0087	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1,2,2-Tetrachloroethane	ND		0.074	0.020	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.37	0.017	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1,2-Trichloroethane	ND		0.037	0.017	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1-Dichloroethane	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1-Dichloroethene	ND		0.037	0.0098	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,1-Dichloropropene	ND		0.074	0.014	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2,3-Trichlorobenzene	ND		0.074	0.014	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2,3-Trichloropropane	ND		0.074	0.016	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2,4-Trichlorobenzene	ND		0.074	0.015	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2,4-Trimethylbenzene	ND		0.074	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2-Dibromo-3-Chloropropane	ND		0.37	0.12	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2-Dibromoethane	ND		0.037	0.0076	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2-Dichlorobenzene	ND		0.037	0.0093	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2-Dichloroethane	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,2-Dichloropropane	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,3,5-Trimethylbenzene	ND		0.074	0.0099	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,3-Dichlorobenzene	ND		0.037	0.0094	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,3-Dichloropropane	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
1,4-Dichlorobenzene	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
2,2-Dichloropropane	ND		0.19	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
2-Butanone (MEK)	ND		0.74	0.17	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
2-Chlorotoluene	ND		0.037	0.0094	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
2-Hexanone	ND		0.74	0.11	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
4-Chlorotoluene	ND		0.037	0.0090	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
4-Methyl-2-pentanone (MIBK)	ND		0.74	0.11	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Acetone	ND		0.74	0.36	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Benzene	ND		0.037	0.0096	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Bromobenzene	ND		0.037	0.0077	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Bromochloromethane	ND		0.074	0.017	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Bromodichloromethane	ND		0.037	0.012	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Bromoform	ND		0.19	0.049	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Bromomethane	ND		0.74	0.24	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
cis-1,2-Dichloroethene	ND		0.037	0.013	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
cis-1,3-Dichloropropene	ND		0.037	0.013	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Carbon disulfide	**0.015**	**J**	0.37	0.015	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Carbon tetrachloride	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Chlorobenzene	ND		0.037	0.0099	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Chloroethane	ND		0.074	0.028	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Chloroform	ND		0.037	0.022	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Chloromethane	ND		0.74	0.057	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Dibromochloromethane	ND		0.074	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Dibromomethane	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Dichlorodifluoromethane	ND		0.074	0.017	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Di-isopropyl ether (DIPE)	ND		0.037	0.019	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Ethanol	ND		9.3	3.4	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Ethylbenzene	ND		0.037	0.0077	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Ethyl-t-butyl ether (ETBE)	ND		0.037	0.0088	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Methylene Chloride	ND		0.37	0.12	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Methyl-t-Butyl Ether (MTBE)	ND		0.074	0.0070	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Naphthalene	ND		0.37	0.15	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
n-Butylbenzene	ND		0.037	0.0078	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
N-Propylbenzene	ND		0.074	0.0096	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
o-Xylene	ND		0.037	0.0095	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
m,p-Xylene	ND		0.074	0.018	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
p-Isopropyltoluene	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
sec-Butylbenzene	**0.011**	**J**	0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Styrene	ND		0.037	0.012	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
trans-1,2-Dichloroethene	ND		0.037	0.011	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
trans-1,3-Dichloropropene	ND		0.074	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Tert-amyl-methyl ether (TAME)	ND		0.037	0.0072	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
tert-Butyl alcohol (TBA)	ND		0.74	0.26	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
tert-Butylbenzene	ND		0.037	0.0094	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Tetrachloroethene	ND		0.037	0.0083	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Toluene	ND		0.037	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Trichloroethene	ND		0.074	0.014	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Trichlorofluoromethane	ND		0.37	0.010	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Vinyl acetate	ND		0.37	0.15	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Vinyl chloride	ND		0.037	0.014	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50
Xylenes, Total	ND		0.074	0.022	mg/Kg	☼	12/04/24 19:13	12/10/24 15:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*	*12/04/24 19:13*	*12/10/24 15:39*	*50*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*	*12/04/24 19:13*	*12/10/24 15:39*	*50*
Dibromofluoromethane (Surr)	*90*		*58 - 147*	*12/04/24 19:13*	*12/10/24 15:39*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/04/24 19:13*	*12/10/24 15:39*	*50*

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1,1-Trichloroethane	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00064	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1,2-Trichloroethane	ND		0.0012	0.00054	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,1-Dichloropropene	ND		0.0023	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2,3-Trichloropropane	ND		0.0023	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2-Dichlorobenzene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,2-Dichloroethane	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-5.0
Lab Sample ID: 570-209335-14
Date Collected: 12/03/24 11:15
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
2,2-Dichloropropane	ND		0.0058	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
2-Butanone (MEK)	ND		0.023	0.0053	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
2-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
2-Hexanone	ND		0.023	0.0036	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Acetone	**0.039**		0.023	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Benzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Bromobenzene	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Bromochloromethane	ND		0.0023	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Bromoform	ND		0.0058	0.0015	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Bromomethane	ND		0.023	0.0077	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
cis-1,2-Dichloroethene	ND		0.0012	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Chlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Chloroethane	ND		0.0023	0.00087	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Chloroform	ND		0.0012	0.00069	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Chloromethane	ND		0.023	0.0018	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Dibromochloromethane	ND		0.0023	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Dichlorodifluoromethane	ND		0.0023	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00058	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Ethanol	ND		0.29	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Isopropylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
N-Propylbenzene	ND		0.0023	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
m,p-Xylene	ND		0.0023	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
sec-Butylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
trans-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
trans-1,3-Dichloropropene	ND		0.0023	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0082	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Toluene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Trichloroethene	ND		0.0023	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Vinyl chloride	ND		0.0012	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1
Xylenes, Total	ND		0.0023	0.00070	mg/Kg	☼	12/04/24 19:13	12/05/24 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/04/24 19:13*	*12/05/24 15:21*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:13*	*12/05/24 15:21*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/04/24 19:13*	*12/05/24 15:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 15:21*	*1*

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00094	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1,1-Trichloroethane	ND		0.00094	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0094	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1,2-Trichloroethane	ND		0.00094	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1-Dichloroethane	ND		0.00094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1-Dichloroethene	ND		0.00094	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2,3-Trichloropropane	ND		0.0019	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2-Dibromo-3-Chloropropane	ND		0.0094	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2-Dibromoethane	ND		0.00094	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2-Dichlorobenzene	ND		0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2-Dichloroethane	ND		0.00094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,2-Dichloropropane	ND		0.00094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,3-Dichlorobenzene	ND		0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,3-Dichloropropane	ND		0.00094	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
1,4-Dichlorobenzene	ND		0.00094	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
2,2-Dichloropropane	ND		0.0047	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
2-Butanone (MEK)	ND		0.019	0.0043	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
2-Chlorotoluene	ND		0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
2-Hexanone	ND		0.019	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
4-Chlorotoluene	ND		0.00094	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0027	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Acetone	ND		0.019	0.0093	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Benzene	**0.00031**	**J**	0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Bromobenzene	ND		0.00094	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Bromodichloromethane	ND		0.00094	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0047	0.0012	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Bromomethane	ND		0.019	0.0062	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
cis-1,2-Dichloroethene	ND		0.00094	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
cis-1,3-Dichloropropene	ND		0.00094	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Carbon disulfide	ND		0.0094	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Carbon tetrachloride	ND		0.00094	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Chlorobenzene	ND		0.00094	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Chloroethane	ND		0.0019	0.00070	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Chloroform	ND		0.00094	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Chloromethane	ND		0.019	0.0014	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Dibromomethane	ND		0.00094	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Di-isopropyl ether (DIPE)	ND		0.00094	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Ethanol	ND		0.24	0.087	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Ethylbenzene	ND		0.00094	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.00094	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Isopropylbenzene	ND		0.00094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Methylene Chloride	ND		0.0094	0.0029	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Naphthalene	ND		0.0094	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
n-Butylbenzene	ND		0.00094	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
N-Propylbenzene	ND		0.0019	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
o-Xylene	ND		0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
m,p-Xylene	ND		0.0019	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
p-Isopropyltoluene	ND		0.00094	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
sec-Butylbenzene	ND		0.00094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Styrene	ND		0.00094	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
trans-1,2-Dichloroethene	ND		0.00094	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
trans-1,3-Dichloropropene	ND		0.0019	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Tert-amyl-methyl ether (TAME)	ND		0.00094	0.00018	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0066	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
tert-Butylbenzene	ND		0.00094	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Tetrachloroethene	ND		0.00094	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Toluene	ND		0.00094	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Trichloroethene	ND		0.0019	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Trichlorofluoromethane	ND		0.0094	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Vinyl acetate	ND		0.0094	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Vinyl chloride	ND		0.00094	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1
Xylenes, Total	ND		0.0019	0.00057	mg/Kg	☼	12/04/24 19:13	12/05/24 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*32 - 179*	*12/04/24 19:13*	*12/05/24 15:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 15:40*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/04/24 19:13*	*12/05/24 15:40*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/04/24 19:13*	*12/05/24 15:40*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16
Date Collected: 12/03/24 12:25
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,1-Dichloropropene	ND		0.0022	0.00044	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
2-Butanone (MEK)	**0.011**	**J**	0.022	0.0051	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
2-Hexanone	ND		0.022	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Acetone	**0.10**		0.022	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Benzene	**0.00037**	**J**	0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Bromomethane	ND		0.022	0.0074	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Chloroethane	ND		0.0022	0.00083	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Dibromochloromethane	ND		0.0022	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
N-Propylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1
Xylenes, Total	ND		0.0022	0.00067	mg/Kg	☼	12/04/24 19:13	12/05/24 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/04/24 19:13*	*12/05/24 16:00*	*1*
4-Bromofluorobenzene (Surr)	*83*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:00*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/04/24 19:13*	*12/05/24 16:00*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:00*	*1*

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-5.0
Lab Sample ID: 570-209335-17
Date Collected: 12/03/24 12:35
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
2-Butanone (MEK)	ND		0.020	0.0046	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Acetone	**0.023**		0.020	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Bromochloromethane	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Bromoform	ND		0.0051	0.0014	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Chloroethane	ND		0.0020	0.00076	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Ethanol	ND		0.26	0.094	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
N-Propylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
m,p-Xylene	ND		0.0020	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
trans-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0072	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Trichloroethene	ND		0.0020	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	12/04/24 19:13	12/05/24 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/04/24 19:13*	*12/05/24 16:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:20*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/04/24 19:13*	*12/05/24 16:20*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:20*	*1*

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1,1-Trichloroethane	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00068	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00058	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1,2-Trichloroethane	ND		0.0012	0.00058	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1-Dichloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1-Dichloroethene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,1-Dichloropropene	ND		0.0025	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2,3-Trichloropropane	ND		0.0025	0.00052	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00051	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2,4-Trimethylbenzene	**0.0019**	**J**	0.0025	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0042	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2-Dibromoethane	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,2-Dichloropropane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,3,5-Trimethylbenzene	**0.00062**	**J**	0.0025	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,3-Dichloropropane	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
1,4-Dichlorobenzene	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
2,2-Dichloropropane	ND		0.0062	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
2-Butanone (MEK)	**0.010**	**J**	0.025	0.0056	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
2-Hexanone	ND		0.025	0.0038	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
4-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0036	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Acetone	**0.074**		0.025	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Benzene	**0.00036**	**J**	0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Bromobenzene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Bromochloromethane	ND		0.0025	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Bromodichloromethane	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0062	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Bromomethane	ND		0.025	0.0082	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
cis-1,2-Dichloroethene	ND		0.0012	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
cis-1,3-Dichloropropene	ND		0.0012	0.00043	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Carbon disulfide	**0.00092**	**J**	0.012	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Carbon tetrachloride	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Chlorobenzene	**0.00047**	**J**	0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Chloroethane	ND		0.0025	0.00093	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Chloroform	ND		0.0012	0.00073	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Dibromomethane	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00062	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Ethanol	ND		0.31	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Ethylbenzene	**0.00029**	**J**	0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Isopropylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Methylene Chloride	ND		0.012	0.0039	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Naphthalene	ND		0.012	0.0049	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
n-Butylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
N-Propylbenzene	ND		0.0025	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
o-Xylene	**0.00034**	**J**	0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
m,p-Xylene	ND		0.0025	0.00059	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
p-Isopropyltoluene	**0.00036**	**J**	0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
sec-Butylbenzene	**0.00035**	**J**	0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Styrene	ND		0.0012	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
trans-1,2-Dichloroethene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0087	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
tert-Butylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Tetrachloroethene	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Toluene	**0.00037**	**J**	0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Trichloroethene	ND		0.0025	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Trichlorofluoromethane	ND		0.012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Vinyl acetate	ND		0.012	0.0049	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Vinyl chloride	ND		0.0012	0.00047	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1
Xylenes, Total	ND		0.0025	0.00075	mg/Kg	☼	12/04/24 19:13	12/05/24 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/04/24 19:13*	*12/05/24 16:40*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:40*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/04/24 19:13*	*12/05/24 16:40*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/04/24 19:13*	*12/05/24 16:40*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB20-2.0
Lab Sample ID: 570-209335-19
Date Collected: 12/03/24 12:55
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1,1-Trichloroethane	ND		0.046	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1,2,2-Tetrachloroethane	ND		0.092	0.025	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.46	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1,2-Trichloroethane	ND		0.046	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1-Dichloroethane	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1-Dichloroethene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,1-Dichloropropene	ND		0.092	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2,3-Trichlorobenzene	ND		0.092	0.017	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2,3-Trichloropropane	ND		0.092	0.019	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2,4-Trichlorobenzene	ND		0.092	0.019	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2,4-Trimethylbenzene	ND		0.092	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2-Dibromo-3-Chloropropane	ND		0.46	0.15	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2-Dibromoethane	ND		0.046	0.0095	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2-Dichlorobenzene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2-Dichloroethane	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,2-Dichloropropane	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,3,5-Trimethylbenzene	ND		0.092	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,3-Dichlorobenzene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,3-Dichloropropane	ND		0.046	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
1,4-Dichlorobenzene	**0.051**		0.046	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
2,2-Dichloropropane	ND		0.23	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
2-Butanone (MEK)	ND		0.92	0.21	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
2-Chlorotoluene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
2-Hexanone	ND		0.92	0.14	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
4-Chlorotoluene	ND		0.046	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
4-Methyl-2-pentanone (MIBK)	ND		0.92	0.13	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Acetone	ND		0.92	0.45	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Benzene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Bromobenzene	ND		0.046	0.0096	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Bromochloromethane	ND		0.092	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Bromodichloromethane	ND		0.046	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Bromoform	ND		0.23	0.061	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Bromomethane	ND		0.92	0.30	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
cis-1,2-Dichloroethene	ND		0.046	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
cis-1,3-Dichloropropene	ND		0.046	0.016	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Carbon disulfide	ND		0.46	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Carbon tetrachloride	ND		0.046	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Chlorobenzene	**0.056**		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Chloroethane	ND		0.092	0.034	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Chloroform	ND		0.046	0.027	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Chloromethane	ND		0.92	0.071	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Dibromochloromethane	ND		0.092	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Dibromomethane	ND		0.046	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Dichlorodifluoromethane	ND		0.092	0.021	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Di-isopropyl ether (DIPE)	ND		0.046	0.023	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Ethanol	ND		12	4.3	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Ethylbenzene	ND		0.046	0.0095	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Ethyl-t-butyl ether (ETBE)	ND		0.046	0.011	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Methylene Chloride	ND		0.46	0.14	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Methyl-t-Butyl Ether (MTBE)	ND		0.092	0.0087	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Naphthalene	ND		0.46	0.18	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
n-Butylbenzene	ND		0.046	0.0097	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
N-Propylbenzene	ND		0.092	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
o-Xylene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
m,p-Xylene	ND		0.092	0.022	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
p-Isopropyltoluene	ND		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
sec-Butylbenzene	**0.064**		0.046	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Styrene	ND		0.046	0.015	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
trans-1,2-Dichloroethene	ND		0.046	0.014	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
trans-1,3-Dichloropropene	ND		0.092	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Tert-amyl-methyl ether (TAME)	ND		0.046	0.0090	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
tert-Butyl alcohol (TBA)	ND		0.92	0.32	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
tert-Butylbenzene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Tetrachloroethene	ND		0.046	0.010	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Toluene	ND		0.046	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Trichloroethene	ND		0.092	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Trichlorofluoromethane	ND		0.46	0.013	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Vinyl acetate	ND		0.46	0.18	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Vinyl chloride	ND		0.046	0.018	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50
Xylenes, Total	ND		0.092	0.028	mg/Kg	☼	12/04/24 19:13	12/05/24 17:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*	*12/04/24 19:13*	*12/05/24 17:20*	*50*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:13*	*12/05/24 17:20*	*50*
Dibromofluoromethane (Surr)	*91*		*58 - 147*	*12/04/24 19:13*	*12/05/24 17:20*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/04/24 19:13*	*12/05/24 17:20*	*50*

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-5.0
Lab Sample ID: 570-209335-20
Date Collected: 12/03/24 13:00
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
2,2-Dichloropropane	ND		0.0060	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
2-Butanone (MEK)	ND		0.024	0.0054	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Acetone	**0.042**		0.024	0.012	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Chloroethane	ND		0.0024	0.00089	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1
Xylenes, Total	ND		0.0024	0.00072	mg/Kg	☼	12/04/24 19:13	12/05/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 179*	*12/04/24 19:13*	*12/05/24 18:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/04/24 19:13*	*12/05/24 18:33*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/04/24 19:13*	*12/05/24 18:33*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*12/04/24 19:13*	*12/05/24 18:33*	*1*

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00044	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
2-Butanone (MEK)	ND		0.022	0.0049	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
2-Hexanone	ND		0.022	0.0033	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0031	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Acetone	**0.020**	**J**	0.022	0.011	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Benzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0054	0.0014	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Bromomethane	ND		0.022	0.0071	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Chloroethane	ND		0.0022	0.00080	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Ethanol	ND		0.27	0.10	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Naphthalene	ND		0.011	0.0042	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
m,p-Xylene	ND		0.0022	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Styrene	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/04/24 19:14	12/05/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/04/24 19:14*	*12/05/24 18:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/04/24 19:14*	*12/05/24 18:53*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/04/24 19:14*	*12/05/24 18:53*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*12/04/24 19:14*	*12/05/24 18:53*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB19-2.0
Lab Sample ID: 570-209335-22
Date Collected: 12/03/24 13:25
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2,4-Trimethylbenzene	**0.00053**	**J**	0.0024	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
2-Butanone (MEK)	**0.015**	**J**	0.024	0.0055	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Acetone	**0.090**		0.024	0.012	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Benzene	**0.00043**	**J**	0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Bromomethane	ND		0.024	0.0079	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Carbon disulfide	**0.0013**	**J**	0.012	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Chloroethane	ND		0.0024	0.00090	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Chloroform	ND		0.0012	0.00071	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Ethylbenzene	**0.00049**	**J**	0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
p-Isopropyltoluene	**0.00048**	**J**	0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
tert-Butyl alcohol (TBA)	**0.0099**	**J**	0.024	0.0084	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Toluene	**0.00051**	**J**	0.0012	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1
Xylenes, Total	ND		0.0024	0.00072	mg/Kg	☼	12/04/24 19:14	12/05/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*12/04/24 19:14*	*12/05/24 19:14*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:14*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/04/24 19:14*	*12/05/24 19:14*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:14*	*1*

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1,1-Trichloroethane	ND		0.0013	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00068	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00058	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1,2-Trichloroethane	ND		0.0013	0.00058	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1-Dichloroethene	ND		0.0013	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2,3-Trichloropropane	ND		0.0025	0.00052	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0042	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2-Dichlorobenzene	ND		0.0013	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-5.0
Lab Sample ID: 570-209335-23
Date Collected: 12/03/24 13:35
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0013	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,3-Dichloropropane	ND		0.0013	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
1,4-Dichlorobenzene	ND		0.0013	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
2,2-Dichloropropane	ND		0.0063	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
2-Butanone (MEK)	ND		0.025	0.0056	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
2-Hexanone	ND		0.025	0.0038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
4-Chlorotoluene	ND		0.0013	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Acetone	**0.056**		0.025	0.012	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Benzene	ND		0.0013	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Bromobenzene	ND		0.0013	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Bromochloromethane	ND		0.0025	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Bromodichloromethane	ND		0.0013	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Bromoform	ND		0.0063	0.0017	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Bromomethane	ND		0.025	0.0082	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
cis-1,2-Dichloroethene	ND		0.0013	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
cis-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Carbon disulfide	ND		0.013	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Carbon tetrachloride	ND		0.0013	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Chlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Chloroethane	ND		0.0025	0.00093	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Chloroform	ND		0.0013	0.00074	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Dibromomethane	ND		0.0013	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00063	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Ethanol	ND		0.31	0.12	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Ethylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Isopropylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Methylene Chloride	ND		0.013	0.0039	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Naphthalene	ND		0.013	0.0049	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
n-Butylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
N-Propylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
o-Xylene	ND		0.0013	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
m,p-Xylene	ND		0.0025	0.00059	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
p-Isopropyltoluene	ND		0.0013	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
sec-Butylbenzene	ND		0.0013	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Styrene	ND		0.0013	0.00040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
trans-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0087	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Toluene	ND		0.0013	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Trichloroethene	ND		0.0025	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Trichlorofluoromethane	ND		0.013	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Vinyl acetate	ND		0.013	0.0049	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Vinyl chloride	ND		0.0013	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1
Xylenes, Total	ND		0.0025	0.00075	mg/Kg	☼	12/04/24 19:14	12/05/24 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*32 - 179*	*12/04/24 19:14*	*12/05/24 19:35*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:35*	*1*
Dibromofluoromethane (Surr)	*104*		*58 - 147*	*12/04/24 19:14*	*12/05/24 19:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:35*	*1*

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
2-Butanone (MEK)	ND		0.021	0.0046	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Acetone	**0.022**		0.021	0.010	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0051	0.0014	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Bromomethane	ND		0.021	0.0068	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Chloroethane	ND		0.0021	0.00076	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Chloroform	ND		0.0010	0.00061	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Ethanol	ND		0.26	0.095	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1
Xylenes, Total	ND		0.0021	0.00062	mg/Kg	☼	12/04/24 19:14	12/05/24 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*32 - 179*	*12/04/24 19:14*	*12/05/24 19:56*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:56*	*1*
Dibromofluoromethane (Surr)	*108*		*58 - 147*	*12/04/24 19:14*	*12/05/24 19:56*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/04/24 19:14*	*12/05/24 19:56*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB28-2.0
Lab Sample ID: 570-209335-25
Date Collected: 12/03/24 14:45
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00044	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
2-Butanone (MEK)	ND		0.022	0.0049	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
2-Hexanone	ND		0.022	0.0033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Acetone	**0.053**		0.022	0.011	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Benzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Bromoform	ND		0.0054	0.0014	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Bromomethane	ND		0.022	0.0071	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Chloroethane	ND		0.0022	0.00080	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Dibromochloromethane	ND		0.0022	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Ethanol	ND		0.27	0.10	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Naphthalene	ND		0.011	0.0042	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
m,p-Xylene	ND		0.0022	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Styrene	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/04/24 19:14	12/05/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/04/24 19:14*	*12/05/24 20:17*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:17*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/04/24 19:14*	*12/05/24 20:17*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:17*	*1*

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00061	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00042	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2,3-Trichloropropane	ND		0.0023	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00046	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-5.0
Lab Sample ID: 570-209335-26
Date Collected: 12/03/24 14:55
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
2,2-Dichloropropane	ND		0.0056	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
2-Butanone (MEK)	ND		0.023	0.0051	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
2-Hexanone	ND		0.023	0.0035	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Acetone	**0.051**		0.023	0.011	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Benzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Bromochloromethane	ND		0.0023	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Bromomethane	ND		0.023	0.0074	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Chloroethane	ND		0.0023	0.00084	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Chloromethane	ND		0.023	0.0017	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Dichlorodifluoromethane	ND		0.0023	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00021	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
N-Propylbenzene	ND		0.0023	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
m,p-Xylene	ND		0.0023	0.00053	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
trans-1,3-Dichloropropene	ND		0.0023	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0079	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1
Xylenes, Total	ND		0.0023	0.00068	mg/Kg	☼	12/04/24 19:14	12/05/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/04/24 19:14*	*12/05/24 20:38*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:38*	*1*
Dibromofluoromethane (Surr)	*108*		*58 - 147*	*12/04/24 19:14*	*12/05/24 20:38*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:38*	*1*

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1,1-Trichloroethane	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00067	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00057	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1,2-Trichloroethane	ND		0.0012	0.00057	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1-Dichloroethene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,1-Dichloropropene	ND		0.0025	0.00048	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00046	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2,3-Trichloropropane	ND		0.0025	0.00051	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00050	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0041	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,2-Dichloropropane	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
1,4-Dichlorobenzene	ND		0.0012	0.00038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
2,2-Dichloropropane	ND		0.0061	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
2-Butanone (MEK)	ND		0.025	0.0055	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
2-Hexanone	ND		0.025	0.0038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
4-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0036	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Acetone	**0.015**	**J**	0.025	0.012	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Benzene	ND		0.0012	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Bromobenzene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Bromochloromethane	ND		0.0025	0.00055	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Bromodichloromethane	ND		0.0012	0.00040	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0061	0.0016	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Bromomethane	ND		0.025	0.0081	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
cis-1,3-Dichloropropene	ND		0.0012	0.00043	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Carbon disulfide	ND		0.012	0.00049	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Carbon tetrachloride	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Chlorobenzene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Chloroethane	ND		0.0025	0.00091	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Chloroform	ND		0.0012	0.00072	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Dibromochloromethane	ND		0.0025	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Dichlorodifluoromethane	ND		0.0025	0.00056	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00061	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Ethanol	ND		0.31	0.11	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Isopropylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00023	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Naphthalene	ND		0.012	0.0048	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
n-Butylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
N-Propylbenzene	ND		0.0025	0.00032	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
m,p-Xylene	ND		0.0025	0.00058	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
p-Isopropyltoluene	ND		0.0012	0.00035	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
sec-Butylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Styrene	ND		0.0012	0.00039	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
trans-1,2-Dichloroethene	ND		0.0012	0.00037	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
trans-1,3-Dichloropropene	ND		0.0025	0.00034	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00024	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0086	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Trichloroethene	**0.00062**	**J**	0.0025	0.00047	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Vinyl acetate	ND		0.012	0.0048	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1
Xylenes, Total	ND		0.0025	0.00074	mg/Kg	☼	12/04/24 19:14	12/05/24 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 179*	*12/04/24 19:14*	*12/05/24 20:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:59*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/04/24 19:14*	*12/05/24 20:59*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*12/04/24 19:14*	*12/05/24 20:59*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: EB20241203
Lab Sample ID: 570-209335-28
Date Collected: 12/03/24 15:30
Matrix: Water
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/05/24 21:49	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/05/24 21:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/05/24 21:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/05/24 21:49	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/05/24 21:49	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/05/24 21:49	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 21:49	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/05/24 21:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/05/24 21:49	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/05/24 21:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/05/24 21:49	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/05/24 21:49	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/05/24 21:49	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/05/24 21:49	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 21:49	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/05/24 21:49	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/05/24 21:49	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/05/24 21:49	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 21:49	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/05/24 21:49	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/05/24 21:49	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/05/24 21:49	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/05/24 21:49	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/05/24 21:49	1
2-Hexanone	ND		10	2.7	ug/L			12/05/24 21:49	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/05/24 21:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/05/24 21:49	1
Acetone	ND		10	7.4	ug/L			12/05/24 21:49	1
Benzene	ND		0.50	0.24	ug/L			12/05/24 21:49	1
Bromobenzene	ND		1.0	0.29	ug/L			12/05/24 21:49	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/05/24 21:49	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/05/24 21:49	1
Bromoform	ND		5.0	1.9	ug/L			12/05/24 21:49	1
Bromomethane	ND		25	7.4	ug/L			12/05/24 21:49	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/05/24 21:49	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/05/24 21:49	1
Carbon disulfide	ND		10	0.42	ug/L			12/05/24 21:49	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/05/24 21:49	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/05/24 21:49	1
Chloroethane	ND		5.0	1.9	ug/L			12/05/24 21:49	1
Chloroform	ND		1.0	0.32	ug/L			12/05/24 21:49	1
Chloromethane	ND		10	2.2	ug/L			12/05/24 21:49	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/05/24 21:49	1
Dibromomethane	ND		1.0	0.33	ug/L			12/05/24 21:49	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/05/24 21:49	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/05/24 21:49	1
Ethanol	ND		100	52	ug/L			12/05/24 21:49	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/05/24 21:49	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/05/24 21:49	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.41	ug/L			12/05/24 21:49	1
Methylene Chloride	ND		10	3.0	ug/L			12/05/24 21:49	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/05/24 21:49	1
Naphthalene	ND		10	4.9	ug/L			12/05/24 21:49	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/05/24 21:49	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/05/24 21:49	1
o-Xylene	ND		1.0	0.27	ug/L			12/05/24 21:49	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/05/24 21:49	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/05/24 21:49	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/05/24 21:49	1
Styrene	ND		1.0	0.38	ug/L			12/05/24 21:49	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 21:49	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/05/24 21:49	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/05/24 21:49	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/05/24 21:49	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/05/24 21:49	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/05/24 21:49	1
Toluene	ND		1.0	0.30	ug/L			12/05/24 21:49	1
Trichloroethene	ND		1.0	0.39	ug/L			12/05/24 21:49	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/05/24 21:49	1
Vinyl acetate	ND		10	5.0	ug/L			12/05/24 21:49	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/05/24 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 123*		*12/05/24 21:49*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/05/24 21:49*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*12/05/24 21:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/05/24 21:49*	*1*

Client Sample ID: TB20241203
Date Collected: 12/03/24 00:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/05/24 20:16	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/05/24 20:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/05/24 20:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/05/24 20:16	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/05/24 20:16	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/05/24 20:16	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 20:16	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/05/24 20:16	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/05/24 20:16	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/05/24 20:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/05/24 20:16	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/05/24 20:16	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/05/24 20:16	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/05/24 20:16	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 20:16	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/05/24 20:16	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/05/24 20:16	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB20241203
Date Collected: 12/03/24 00:00
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/05/24 20:16	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 20:16	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/05/24 20:16	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/05/24 20:16	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/05/24 20:16	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/05/24 20:16	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/05/24 20:16	1
2-Hexanone	ND		10	2.7	ug/L			12/05/24 20:16	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/05/24 20:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/05/24 20:16	1
Acetone	ND		10	7.4	ug/L			12/05/24 20:16	1
Benzene	ND		0.50	0.24	ug/L			12/05/24 20:16	1
Bromobenzene	ND		1.0	0.29	ug/L			12/05/24 20:16	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/05/24 20:16	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/05/24 20:16	1
Bromoform	ND		5.0	1.9	ug/L			12/05/24 20:16	1
Bromomethane	ND		25	7.4	ug/L			12/05/24 20:16	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/05/24 20:16	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/05/24 20:16	1
Carbon disulfide	ND		10	0.42	ug/L			12/05/24 20:16	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/05/24 20:16	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/05/24 20:16	1
Chloroethane	ND		5.0	1.9	ug/L			12/05/24 20:16	1
Chloroform	ND		1.0	0.32	ug/L			12/05/24 20:16	1
Chloromethane	ND		10	2.2	ug/L			12/05/24 20:16	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/05/24 20:16	1
Dibromomethane	ND		1.0	0.33	ug/L			12/05/24 20:16	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/05/24 20:16	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/05/24 20:16	1
Ethanol	ND		100	52	ug/L			12/05/24 20:16	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/05/24 20:16	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/05/24 20:16	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/05/24 20:16	1
Methylene Chloride	ND		10	3.0	ug/L			12/05/24 20:16	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/05/24 20:16	1
Naphthalene	ND		10	4.9	ug/L			12/05/24 20:16	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/05/24 20:16	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/05/24 20:16	1
o-Xylene	ND		1.0	0.27	ug/L			12/05/24 20:16	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/05/24 20:16	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/05/24 20:16	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/05/24 20:16	1
Styrene	ND		1.0	0.38	ug/L			12/05/24 20:16	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 20:16	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/05/24 20:16	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/05/24 20:16	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/05/24 20:16	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/05/24 20:16	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/05/24 20:16	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB20241203
Date Collected: 12/03/24 00:00
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.30	ug/L			12/05/24 20:16	1
Trichloroethene	ND		1.0	0.39	ug/L			12/05/24 20:16	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/05/24 20:16	1
Vinyl acetate	ND		10	5.0	ug/L			12/05/24 20:16	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/05/24 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*12/05/24 20:16*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/05/24 20:16*	*1*
Dibromofluoromethane (Surr)	*98*		*78 - 120*		*12/05/24 20:16*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/05/24 20:16*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
2-Methylnaphthalene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Acenaphthene	ND		0.22	0.15	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Acenaphthylene	ND		0.22	0.11	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Anthracene	ND		0.22	0.099	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Benzo[g,h,i]perylene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Benzo[k]fluoranthene	ND		0.22	0.19	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Benzo[a]anthracene	ND		0.22	0.089	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Benzo[a]pyrene	ND		0.22	0.091	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Benzo[b]fluoranthene	ND		0.22	0.17	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Chrysene	ND		0.22	0.072	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Dibenz(a,h)anthracene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Fluoranthene	ND		0.22	0.090	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Fluorene	ND		0.22	0.11	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Indeno[1,2,3-cd]pyrene	ND		0.22	0.13	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Naphthalene	ND		0.22	0.10	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Phenanthrene	ND		0.22	0.17	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10
Pyrene	ND		0.22	0.097	mg/Kg	☼	12/05/24 06:30	12/07/24 23:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*12/05/24 06:30*	*12/07/24 23:07*	*10*
Nitrobenzene-d5 (Surr)	*95*		*20 - 145*	*12/05/24 06:30*	*12/07/24 23:07*	*10*
p-Terphenyl-d14 (Surr)	*89*		*33 - 147*	*12/05/24 06:30*	*12/07/24 23:07*	*10*

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Benzo[a]anthracene	ND		0.024	0.0097	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Benzo[a]pyrene	ND		0.024	0.0099	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Chrysene	ND		0.024	0.0079	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Fluoranthene	ND		0.024	0.0097	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.015	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/05/24 06:30	12/07/24 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/05/24 06:30*	*12/07/24 23:28*	*1*
Nitrobenzene-d5 (Surr)	*97*		*20 - 145*	*12/05/24 06:30*	*12/07/24 23:28*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/05/24 06:30*	*12/07/24 23:28*	*1*

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Acenaphthene	ND		0.025	0.016	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Benzo[k]fluoranthene	ND		0.025	0.022	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Benzo[a]anthracene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Benzo[b]fluoranthene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Chrysene	ND		0.025	0.0082	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Dibenz(a,h)anthracene	ND		0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Fluoranthene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Phenanthrene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/07/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*22 - 130*	*12/05/24 06:30*	*12/07/24 23:49*	*1*
Nitrobenzene-d5 (Surr)	*84*		*20 - 145*	*12/05/24 06:30*	*12/07/24 23:49*	*1*
p-Terphenyl-d14 (Surr)	*66*		*33 - 147*	*12/05/24 06:30*	*12/07/24 23:49*	*1*

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**1.4**		0.23	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
2-Methylnaphthalene	**1.5**		0.23	0.12	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Acenaphthene	**0.44**		0.23	0.15	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Acenaphthylene	ND		0.23	0.11	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Anthracene	ND		0.23	0.10	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Benzo[g,h,i]perylene	ND		0.23	0.12	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Benzo[k]fluoranthene	ND		0.23	0.20	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Benzo[a]anthracene	**0.12**	**J**	0.23	0.093	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Benzo[a]pyrene	ND		0.23	0.095	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Benzo[b]fluoranthene	ND		0.23	0.17	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Chrysene	**0.21**	**J**	0.23	0.075	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Dibenz(a,h)anthracene	ND		0.23	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Fluoranthene	ND		0.23	0.093	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Fluorene	**0.47**		0.23	0.11	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Indeno[1,2,3-cd]pyrene	ND		0.23	0.14	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Naphthalene	**0.41**		0.23	0.10	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.94**		0.23	0.17	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10
Pyrene	**0.18**	**J**	0.23	0.10	mg/Kg	☼	12/05/24 06:30	12/08/24 00:10	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*22 - 130*	*12/05/24 06:30*	*12/08/24 00:10*	*10*
Nitrobenzene-d5 (Surr)	*133*		*20 - 145*	*12/05/24 06:30*	*12/08/24 00:10*	*10*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*	*12/05/24 06:30*	*12/08/24 00:10*	*10*

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.77**		0.12	0.066	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
2-Methylnaphthalene	**0.74**		0.12	0.064	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Acenaphthene	**0.23**		0.12	0.080	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Acenaphthylene	ND		0.12	0.059	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Anthracene	ND		0.12	0.054	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Benzo[g,h,i]perylene	ND		0.12	0.065	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Benzo[k]fluoranthene	ND		0.12	0.10	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Benzo[a]anthracene	**0.055**	**J**	0.12	0.049	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Benzo[a]pyrene	ND		0.12	0.050	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Benzo[b]fluoranthene	ND		0.12	0.091	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Chrysene	**0.12**		0.12	0.040	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Dibenz(a,h)anthracene	ND		0.12	0.067	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Fluoranthene	ND		0.12	0.049	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Fluorene	**0.27**		0.12	0.059	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Indeno[1,2,3-cd]pyrene	ND		0.12	0.074	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Naphthalene	**0.24**		0.12	0.055	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Phenanthrene	**0.48**		0.12	0.091	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5
Pyrene	**0.079**	**J**	0.12	0.053	mg/Kg	☼	12/05/24 06:30	12/08/24 00:32	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*	*12/05/24 06:30*	*12/08/24 00:32*	*5*
Nitrobenzene-d5 (Surr)	*113*		*20 - 145*	*12/05/24 06:30*	*12/08/24 00:32*	*5*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/05/24 06:30*	*12/08/24 00:32*	*5*

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Acenaphthene	ND		0.025	0.017	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Benzo[k]fluoranthene	ND		0.025	0.022	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Benzo[a]anthracene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Benzo[b]fluoranthene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.025	0.0083	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Dibenz(a,h)anthracene	ND		0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Fluoranthene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Phenanthrene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*	*12/05/24 06:30*	*12/08/24 00:53*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/05/24 06:30*	*12/08/24 00:53*	*1*
p-Terphenyl-d14 (Surr)	*72*		*33 - 147*	*12/05/24 06:30*	*12/08/24 00:53*	*1*

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.24	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
2-Methylnaphthalene	**0.13**	**J**	0.24	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Acenaphthene	ND		0.24	0.16	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Acenaphthylene	ND		0.24	0.12	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Anthracene	ND		0.24	0.11	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Benzo[g,h,i]perylene	ND		0.24	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Benzo[k]fluoranthene	ND		0.24	0.21	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Benzo[a]anthracene	ND		0.24	0.098	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Benzo[a]pyrene	ND		0.24	0.10	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Benzo[b]fluoranthene	ND		0.24	0.18	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Chrysene	**0.11**	**J**	0.24	0.079	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Dibenz(a,h)anthracene	ND		0.24	0.13	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Fluoranthene	ND		0.24	0.098	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Fluorene	ND		0.24	0.12	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Indeno[1,2,3-cd]pyrene	ND		0.24	0.15	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Naphthalene	ND		0.24	0.11	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Phenanthrene	ND		0.24	0.18	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10
Pyrene	ND		0.24	0.11	mg/Kg	☼	12/05/24 06:30	12/08/24 01:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*22 - 130*	*12/05/24 06:30*	*12/08/24 01:14*	*10*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*	*12/05/24 06:30*	*12/08/24 01:14*	*10*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*	*12/05/24 06:30*	*12/08/24 01:14*	*10*

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Benzo[a]anthracene	ND		0.024	0.0096	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Benzo[a]pyrene	ND		0.024	0.0098	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Chrysene	ND		0.024	0.0078	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Fluoranthene	ND		0.024	0.0096	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/05/24 06:30*	*12/08/24 01:35*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/05/24 06:30*	*12/08/24 01:35*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/05/24 06:30*	*12/08/24 01:35*	*1*

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.027	0.015	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
2-Methylnaphthalene	ND		0.027	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Acenaphthene	ND		0.027	0.018	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Acenaphthylene	ND		0.027	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Anthracene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Benzo[g,h,i]perylene	ND		0.027	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Benzo[k]fluoranthene	ND		0.027	0.024	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Benzo[a]anthracene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Benzo[a]pyrene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Benzo[b]fluoranthene	ND		0.027	0.020	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Chrysene	ND		0.027	0.0089	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Dibenz(a,h)anthracene	ND		0.027	0.015	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Fluoranthene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Fluorene	ND		0.027	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Indeno[1,2,3-cd]pyrene	ND		0.027	0.017	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Naphthalene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Phenanthrene	ND		0.027	0.021	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1
Pyrene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*	*12/05/24 06:30*	*12/08/24 01:57*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/05/24 06:30*	*12/08/24 01:57*	*1*
p-Terphenyl-d14 (Surr)	*71*		*33 - 147*	*12/05/24 06:30*	*12/08/24 01:57*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.11	0.058	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
2-Methylnaphthalene	ND		0.11	0.056	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Acenaphthene	ND		0.11	0.070	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Acenaphthylene	ND		0.11	0.052	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Anthracene	ND		0.11	0.048	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Benzo[g,h,i]perylene	ND		0.11	0.057	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Benzo[k]fluoranthene	ND		0.11	0.093	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Benzo[a]anthracene	ND		0.11	0.043	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Benzo[a]pyrene	ND		0.11	0.044	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Benzo[b]fluoranthene	ND		0.11	0.080	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Chrysene	ND		0.11	0.035	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Dibenz(a,h)anthracene	ND		0.11	0.059	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Fluoranthene	ND		0.11	0.043	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Fluorene	ND		0.11	0.052	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Indeno[1,2,3-cd]pyrene	ND		0.11	0.065	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Naphthalene	ND		0.11	0.048	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Phenanthrene	ND		0.11	0.081	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5
Pyrene	ND		0.11	0.047	mg/Kg	☼	12/05/24 06:30	12/08/24 02:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/05/24 06:30*	*12/08/24 02:18*	*5*
Nitrobenzene-d5 (Surr)	*93*		*20 - 145*	*12/05/24 06:30*	*12/08/24 02:18*	*5*
p-Terphenyl-d14 (Surr)	*87*		*33 - 147*	*12/05/24 06:30*	*12/08/24 02:18*	*5*

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.043**		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
2-Methylnaphthalene	**0.014**	**J**	0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Acenaphthene	ND		0.024	0.015	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Anthracene	ND		0.024	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Benzo[g,h,i]perylene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Benzo[a]anthracene	ND		0.024	0.0094	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Benzo[a]pyrene	ND		0.024	0.0096	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Chrysene	ND		0.024	0.0076	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Fluoranthene	ND		0.024	0.0094	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Fluorene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/05/24 06:30	12/08/24 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*22 - 130*	*12/05/24 06:30*	*12/08/24 02:39*	*1*
Nitrobenzene-d5 (Surr)	*90*		*20 - 145*	*12/05/24 06:30*	*12/08/24 02:39*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	74		33 - 147	12/05/24 06:30	12/08/24 02:39	1

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.027	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
2-Methylnaphthalene	ND		0.027	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Acenaphthene	ND		0.027	0.017	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Acenaphthylene	ND		0.027	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Anthracene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Benzo[g,h,i]perylene	ND		0.027	0.014	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Benzo[k]fluoranthene	ND		0.027	0.023	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Benzo[a]anthracene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Benzo[a]pyrene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Benzo[b]fluoranthene	ND		0.027	0.020	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Chrysene	ND		0.027	0.0086	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Dibenz(a,h)anthracene	ND		0.027	0.015	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Fluoranthene	ND		0.027	0.011	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Fluorene	ND		0.027	0.013	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Indeno[1,2,3-cd]pyrene	ND		0.027	0.016	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Naphthalene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Phenanthrene	ND		0.027	0.020	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1
Pyrene	ND		0.027	0.012	mg/Kg	☼	12/05/24 06:30	12/08/24 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		22 - 130	12/05/24 06:30	12/08/24 03:00	1
Nitrobenzene-d5 (Surr)	82		20 - 145	12/05/24 06:30	12/08/24 03:00	1
p-Terphenyl-d14 (Surr)	62		33 - 147	12/05/24 06:30	12/08/24 03:00	1

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Benzo[a]anthracene	ND		0.023	0.0090	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Benzo[a]pyrene	**0.010**	**J**	0.023	0.0092	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Chrysene	**0.018**	**J**	0.023	0.0073	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Fluoranthene	**0.019**	**J**	0.023	0.0091	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.023**		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1
Pyrene	**0.016**	**J**	0.023	0.0098	mg/Kg	☼	12/05/24 06:30	12/09/24 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*12/05/24 06:30*	*12/09/24 18:07*	*1*
Nitrobenzene-d5 (Surr)	*101*		*20 - 145*	*12/05/24 06:30*	*12/09/24 18:07*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/05/24 06:30*	*12/09/24 18:07*	*1*

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Acenaphthene	ND		0.024	0.015	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Fluorene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*22 - 130*	*12/05/24 06:30*	*12/09/24 18:28*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/05/24 06:30*	*12/09/24 18:28*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/05/24 06:30*	*12/09/24 18:28*	*1*

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Benzo[a]anthracene	ND		0.023	0.0091	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/05/24 06:30	12/09/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/05/24 06:30*	*12/09/24 18:49*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*12/05/24 06:30*	*12/09/24 18:49*	*1*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*	*12/05/24 06:30*	*12/09/24 18:49*	*1*

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
2-Methylnaphthalene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Acenaphthene	ND		0.22	0.15	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Acenaphthylene	ND		0.22	0.11	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Anthracene	ND		0.22	0.099	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Benzo[g,h,i]perylene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Benzo[k]fluoranthene	ND		0.22	0.19	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Benzo[a]anthracene	ND		0.22	0.090	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Benzo[a]pyrene	ND		0.22	0.091	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Benzo[b]fluoranthene	ND		0.22	0.17	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Chrysene	ND		0.22	0.073	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Dibenz(a,h)anthracene	ND		0.22	0.12	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Fluoranthene	ND		0.22	0.090	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Fluorene	ND		0.22	0.11	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Indeno[1,2,3-cd]pyrene	ND		0.22	0.14	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Naphthalene	ND		0.22	0.10	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Phenanthrene	ND		0.22	0.17	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10
Pyrene	ND		0.22	0.097	mg/Kg	☼	12/05/24 06:30	12/09/24 19:10	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/05/24 06:30*	*12/09/24 19:10*	*10*
Nitrobenzene-d5 (Surr)	*99*		*20 - 145*	*12/05/24 06:30*	*12/09/24 19:10*	*10*
p-Terphenyl-d14 (Surr)	*93*		*33 - 147*	*12/05/24 06:30*	*12/09/24 19:10*	*10*

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/05/24 06:30*	*12/09/24 19:31*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/05/24 06:30*	*12/09/24 19:31*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/05/24 06:30*	*12/09/24 19:31*	*1*

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.023**	**J**	0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Acenaphthene	ND		0.025	0.016	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Benzo[k]fluoranthene	ND		0.025	0.021	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Benzo[a]anthracene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Benzo[b]fluoranthene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Chrysene	ND		0.025	0.0081	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Dibenz(a,h)anthracene	ND		0.025	0.014	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Fluoranthene	ND		0.025	0.010	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Fluorene	**0.013**	**J**	0.025	0.012	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Phenanthrene	ND		0.025	0.019	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/05/24 06:30	12/09/24 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*22 - 130*	*12/05/24 06:30*	*12/09/24 19:53*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*12/05/24 06:30*	*12/09/24 19:53*	*1*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*	*12/05/24 06:30*	*12/09/24 19:53*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.11	0.061	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
2-Methylnaphthalene	ND		0.11	0.059	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Acenaphthene	ND		0.11	0.074	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Acenaphthylene	ND		0.11	0.054	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Anthracene	ND		0.11	0.050	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Benzo[g,h,i]perylene	ND		0.11	0.060	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Benzo[k]fluoranthene	ND		0.11	0.097	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Benzo[a]anthracene	ND		0.11	0.045	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Benzo[a]pyrene	ND		0.11	0.046	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Benzo[b]fluoranthene	ND		0.11	0.084	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Chrysene	ND		0.11	0.037	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Dibenz(a,h)anthracene	ND		0.11	0.062	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Fluoranthene	ND		0.11	0.045	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Fluorene	ND		0.11	0.055	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Indeno[1,2,3-cd]pyrene	ND		0.11	0.068	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Naphthalene	ND		0.11	0.050	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Phenanthrene	ND		0.11	0.084	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5
Pyrene	ND		0.11	0.049	mg/Kg	☼	12/05/24 06:30	12/09/24 20:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*	*12/05/24 06:30*	*12/09/24 20:14*	*5*
Nitrobenzene-d5 (Surr)	*97*		*20 - 145*	*12/05/24 06:30*	*12/09/24 20:14*	*5*
p-Terphenyl-d14 (Surr)	*91*		*33 - 147*	*12/05/24 06:30*	*12/09/24 20:14*	*5*

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Anthracene	ND		0.022	0.0098	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Benzo[a]pyrene	ND		0.022	0.0090	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Fluoranthene	ND		0.022	0.0089	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Naphthalene	ND		0.022	0.0099	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1
Pyrene	ND		0.022	0.0096	mg/Kg	☼	12/05/24 12:26	12/07/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/05/24 12:26*	*12/07/24 23:27*	*1*
Nitrobenzene-d5 (Surr)	*81*		*20 - 145*	*12/05/24 12:26*	*12/07/24 23:27*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*	*12/05/24 12:26*	*12/07/24 23:27*	*1*

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
2-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Acenaphthene	ND		0.021	0.014	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Acenaphthylene	ND		0.021	0.010	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Anthracene	ND		0.021	0.0094	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Benzo[g,h,i]perylene	ND		0.021	0.011	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Benzo[k]fluoranthene	ND		0.021	0.018	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Benzo[a]anthracene	ND		0.021	0.0085	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Benzo[a]pyrene	ND		0.021	0.0086	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Benzo[b]fluoranthene	ND		0.021	0.016	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Chrysene	ND		0.021	0.0069	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Dibenz(a,h)anthracene	ND		0.021	0.012	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Fluoranthene	ND		0.021	0.0085	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Fluorene	ND		0.021	0.010	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Indeno[1,2,3-cd]pyrene	ND		0.021	0.013	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Naphthalene	ND		0.021	0.0094	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Phenanthrene	ND		0.021	0.016	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1
Pyrene	ND		0.021	0.0091	mg/Kg	☼	12/05/24 12:26	12/07/24 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/05/24 12:26*	*12/07/24 23:49*	*1*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*12/05/24 12:26*	*12/07/24 23:49*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/05/24 12:26*	*12/07/24 23:49*	*1*

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		1.1	0.59	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
2-Methylnaphthalene	ND		1.1	0.57	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Acenaphthene	ND		1.1	0.71	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Acenaphthylene	ND		1.1	0.52	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Anthracene	ND		1.1	0.48	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Benzo[g,h,i]perylene	ND		1.1	0.58	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Benzo[k]fluoranthene	ND		1.1	0.93	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Benzo[a]anthracene	**0.57**	**J**	1.1	0.44	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Benzo[a]pyrene	**0.62**	**J**	1.1	0.44	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Benzo[b]fluoranthene	ND		1.1	0.81	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Chrysene	**0.79**	**J**	1.1	0.35	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Dibenz(a,h)anthracene	ND		1.1	0.60	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Fluoranthene	**0.96**	**J**	1.1	0.44	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Fluorene	ND		1.1	0.53	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Indeno[1,2,3-cd]pyrene	ND		1.1	0.66	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Naphthalene	ND		1.1	0.49	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		1.1	0.81	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50
Pyrene	**1.2**		1.1	0.47	mg/Kg	☼	12/05/24 12:26	12/08/24 00:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*22 - 130*	*12/05/24 12:26*	*12/08/24 00:12*	*50*
Nitrobenzene-d5 (Surr)	*40*		*20 - 145*	*12/05/24 12:26*	*12/08/24 00:12*	*50*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*	*12/05/24 12:26*	*12/08/24 00:12*	*50*

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Naphthalene	**0.010**	**J**	0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/05/24 12:26	12/08/24 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/05/24 12:26*	*12/08/24 00:34*	*1*
Nitrobenzene-d5 (Surr)	*83*		*20 - 145*	*12/05/24 12:26*	*12/08/24 00:34*	*1*
p-Terphenyl-d14 (Surr)	*92*		*33 - 147*	*12/05/24 12:26*	*12/08/24 00:34*	*1*

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Benzo[a]anthracene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Benzo[a]pyrene	ND		0.023	0.0095	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Phenanthrene	ND		0.023	0.018	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/05/24 12:26*	*12/08/24 00:57*	*1*
Nitrobenzene-d5 (Surr)	*80*		*20 - 145*	*12/05/24 12:26*	*12/08/24 00:57*	*1*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*	*12/05/24 12:26*	*12/08/24 00:57*	*1*

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/05/24 12:26	12/08/24 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*	*12/05/24 12:26*	*12/08/24 01:19*	*1*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*12/05/24 12:26*	*12/08/24 01:19*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/05/24 12:26*	*12/08/24 01:19*	*1*

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Benzo[a]anthracene	ND		0.023	0.0091	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Benzo[a]pyrene	ND		0.023	0.0092	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Fluoranthene	ND		0.023	0.0091	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1
Pyrene	ND		0.023	0.0098	mg/Kg	☼	12/05/24 12:26	12/08/24 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*22 - 130*	*12/05/24 12:26*	*12/08/24 01:42*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/05/24 12:26*	*12/08/24 01:42*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/05/24 12:26*	*12/08/24 01:42*	*1*

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Benzo[a]anthracene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Benzo[a]pyrene	ND		0.023	0.0096	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Benzo[b]fluoranthene	ND		0.023	0.018	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Phenanthrene	ND		0.023	0.018	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/05/24 12:26	12/08/24 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*12/05/24 12:26*	*12/08/24 02:04*	*1*
Nitrobenzene-d5 (Surr)	*67*		*20 - 145*	*12/05/24 12:26*	*12/08/24 02:04*	*1*
p-Terphenyl-d14 (Surr)	*72*		*33 - 147*	*12/05/24 12:26*	*12/08/24 02:04*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.21	0.075	ug/L		12/05/24 14:19	12/09/24 16:30	1
2-Methylnaphthalene	ND		0.21	0.079	ug/L		12/05/24 14:19	12/09/24 16:30	1
Acenaphthene	ND		0.21	0.10	ug/L		12/05/24 14:19	12/09/24 16:30	1
Acenaphthylene	ND		0.21	0.071	ug/L		12/05/24 14:19	12/09/24 16:30	1
Anthracene	ND		0.21	0.061	ug/L		12/05/24 14:19	12/09/24 16:30	1
Benzo[g,h,i]perylene	ND		0.21	0.10	ug/L		12/05/24 14:19	12/09/24 16:30	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		12/05/24 14:19	12/09/24 16:30	1
Benzo[a]anthracene	ND		0.21	0.088	ug/L		12/05/24 14:19	12/09/24 16:30	1
Benzo[a]pyrene	ND		0.21	0.064	ug/L		12/05/24 14:19	12/09/24 16:30	1
Benzo[b]fluoranthene	ND		0.21	0.18	ug/L		12/05/24 14:19	12/09/24 16:30	1
Chrysene	ND		0.21	0.061	ug/L		12/05/24 14:19	12/09/24 16:30	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		12/05/24 14:19	12/09/24 16:30	1
Fluoranthene	ND		0.21	0.14	ug/L		12/05/24 14:19	12/09/24 16:30	1
Fluorene	ND		0.21	0.077	ug/L		12/05/24 14:19	12/09/24 16:30	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		12/05/24 14:19	12/09/24 16:30	1
Naphthalene	ND		0.21	0.15	ug/L		12/05/24 14:19	12/09/24 16:30	1
Phenanthrene	ND		0.21	0.075	ug/L		12/05/24 14:19	12/09/24 16:30	1
Pyrene	ND		0.21	0.068	ug/L		12/05/24 14:19	12/09/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*95*		*33 - 144*	*12/05/24 14:19*	*12/09/24 16:30*	*1*
Nitrobenzene-d5 (Surr)	*100*		*28 - 139*	*12/05/24 14:19*	*12/09/24 16:30*	*1*
p-Terphenyl-d14 (Surr)	*74*		*23 - 160*	*12/05/24 14:19*	*12/09/24 16:30*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB17-2.0
Lab Sample ID: 570-209335-1
Date Collected: 12/03/24 08:26
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.8	0.68	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
1,2-Dichlorobenzene	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
1,3-Dichlorobenzene	ND		2.8	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
1,4-Dichlorobenzene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
1-Methylnaphthalene	ND		2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4,5-Trichlorophenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4,6-Trichlorophenol	ND		2.8	0.67	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4-Dichlorophenol	ND		2.8	0.74	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4-Dimethylphenol	ND		2.8	0.73	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4-Dinitrophenol	ND		11	5.1	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,4-Dinitrotoluene	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,6-Dichlorophenol	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2,6-Dinitrotoluene	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Chloronaphthalene	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Chlorophenol	ND		2.8	0.75	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Methylnaphthalene	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Methylphenol	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Nitroaniline	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
2-Nitrophenol	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
3,3'-Dichlorobenzidine	ND		14	3.0	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
3/4-Methylphenol	ND		5.6	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
3-Nitroaniline	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4,6-Dinitro-2-methylphenol	ND		14	5.3	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Bromophenyl phenyl ether	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Chloro-3-methylphenol	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Chloroaniline	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Chlorophenyl phenyl ether	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Nitroaniline	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
4-Nitrophenol	ND		2.8	1.8	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Acenaphthene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Acenaphthylene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Aniline	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Anthracene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Azobenzene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzidine	ND		28	3.2	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzo[a]anthracene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzo[a]pyrene	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzo[b]fluoranthene	ND	*1	2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzo[g,h,i]perylene	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzo[k]fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzoic acid	ND		14	3.8	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Benzyl alcohol	ND		2.8	0.94	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Bis(2-chloroethoxy)methane	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Bis(2-chloroethyl)ether	ND		14	0.60	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
bis (2-Chloroisopropyl) ether	ND		2.8	0.67	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Bis(2-ethylhexyl) phthalate	ND		2.8	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Butyl benzyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Chrysene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Dibenz(a,h)anthracene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Diethyl phthalate	ND		2.8	0.65	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Dimethyl phthalate	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Di-n-butyl phthalate	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Di-n-octyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Fluorene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Hexachloro-1,3-butadiene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Hexachlorobenzene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Hexachlorocyclopentadiene	ND		8.5	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Hexachloroethane	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Indeno[1,2,3-cd]pyrene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Isophorone	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Naphthalene	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Nitrobenzene	ND		11	0.77	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
N-Nitrosodimethylamine	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
N-Nitrosodi-n-propylamine	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Phenanthrene	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Phenol	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Pyrene	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5
Pyridine	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 21:05	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*10 - 134*	*12/05/24 06:35*	*12/07/24 21:05*	*5*
2-Fluorobiphenyl (Surr)	*93*		*14 - 142*	*12/05/24 06:35*	*12/07/24 21:05*	*5*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/05/24 06:35*	*12/07/24 21:05*	*5*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/05/24 06:35*	*12/07/24 21:05*	*5*
p-Terphenyl-d14 (Surr)	*124*		*31 - 139*	*12/05/24 06:35*	*12/07/24 21:05*	*5*
Phenol-d6 (Surr)	*90*		*10 - 120*	*12/05/24 06:35*	*12/07/24 21:05*	*5*

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
1,4-Dichlorobenzene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4,5-Trichlorophenol	ND		0.60	0.24	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4-Dimethylphenol	ND		0.60	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,4-Dinitrotoluene	ND		0.60	0.098	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,6-Dichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
3,3'-Dichlorobenzidine	ND		3.0	0.65	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Bromophenyl phenyl ether	ND		0.60	0.088	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Chloroaniline	ND		0.60	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Acenaphthene	ND		0.60	0.096	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Aniline	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Anthracene	ND		0.60	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Azobenzene	ND		0.60	0.095	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzidine	ND		6.0	0.69	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzo[a]anthracene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzo[b]fluoranthene	ND	*1	0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzoic acid	ND		3.0	0.81	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Chrysene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Dibenz(a,h)anthracene	ND		0.60	0.096	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Hexachlorobenzene	ND		0.60	0.097	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Isophorone	ND		0.60	0.096	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Phenanthrene	ND		0.60	0.087	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 134*	*12/05/24 06:35*	*12/07/24 21:29*	*1*
2-Fluorobiphenyl (Surr)	*95*		*14 - 142*	*12/05/24 06:35*	*12/07/24 21:29*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/05/24 06:35*	*12/07/24 21:29*	*1*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*12/05/24 06:35*	*12/07/24 21:29*	*1*
p-Terphenyl-d14 (Surr)	*108*		*31 - 139*	*12/05/24 06:35*	*12/07/24 21:29*	*1*
Phenol-d6 (Surr)	*96*		*10 - 120*	*12/05/24 06:35*	*12/07/24 21:29*	*1*

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
1,2-Dichlorobenzene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
1,3-Dichlorobenzene	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
1,4-Dichlorobenzene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
1-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4,5-Trichlorophenol	ND		0.64	0.25	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4,6-Trichlorophenol	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4-Dichlorophenol	ND		0.64	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4-Dimethylphenol	ND		0.64	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4-Dinitrophenol	ND		2.6	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,4-Dinitrotoluene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,6-Dichlorophenol	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2,6-Dinitrotoluene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Chloronaphthalene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Chlorophenol	ND		0.64	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Methylphenol	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Nitroaniline	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
2-Nitrophenol	ND		0.64	0.18	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
3,3'-Dichlorobenzidine	ND		3.2	0.69	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
3/4-Methylphenol	ND		1.3	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
3-Nitroaniline	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4,6-Dinitro-2-methylphenol	ND		3.2	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4-Bromophenyl phenyl ether	ND		0.64	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4-Chloro-3-methylphenol	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4-Chloroaniline	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4-Nitroaniline	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
4-Nitrophenol	ND		0.64	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Acenaphthene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Acenaphthylene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Aniline	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Anthracene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Azobenzene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzidine	ND		6.4	0.74	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzo[a]anthracene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzo[a]pyrene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzo[b]fluoranthene	ND	*1	0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzo[g,h,i]perylene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzo[k]fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzoic acid	ND		3.2	0.87	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Benzyl alcohol	ND		0.64	0.21	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Bis(2-chloroethoxy)methane	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Bis(2-chloroethyl)ether	ND		3.2	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
bis (2-Chloroisopropyl) ether	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Bis(2-ethylhexyl) phthalate	ND		0.64	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Butyl benzyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Chrysene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Dibenz(a,h)anthracene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Dibenzofuran	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Diethyl phthalate	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Dimethyl phthalate	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Di-n-butyl phthalate	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Di-n-octyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Fluorene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Hexachloro-1,3-butadiene	ND		0.64	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Hexachlorobenzene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Hexachloroethane	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Indeno[1,2,3-cd]pyrene	ND		0.64	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Isophorone	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Naphthalene	ND		0.64	0.18	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Nitrobenzene	ND		2.6	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
N-Nitrosodimethylamine	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
N-Nitrosodi-n-propylamine	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Pentachlorophenol	ND		3.2	2.4	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Phenanthrene	ND		0.64	0.093	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Phenol	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Pyrene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1
Pyridine	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 134*	*12/05/24 06:35*	*12/07/24 21:52*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-3
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*	*12/05/24 06:35*	*12/07/24 21:52*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/05/24 06:35*	*12/07/24 21:52*	*1*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*12/05/24 06:35*	*12/07/24 21:52*	*1*
p-Terphenyl-d14 (Surr)	*106*		*31 - 139*	*12/05/24 06:35*	*12/07/24 21:52*	*1*
Phenol-d6 (Surr)	*91*		*10 - 120*	*12/05/24 06:35*	*12/07/24 21:52*	*1*

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.8	0.68	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
1,2-Dichlorobenzene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
1,3-Dichlorobenzene	ND		2.8	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
1,4-Dichlorobenzene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
1-Methylnaphthalene	**1.2**	**J**	2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4,5-Trichlorophenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4,6-Trichlorophenol	ND		2.8	0.66	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4-Dichlorophenol	ND		2.8	0.74	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4-Dimethylphenol	ND		2.8	0.73	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4-Dinitrophenol	ND		11	5.1	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,4-Dinitrotoluene	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,6-Dichlorophenol	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2,6-Dinitrotoluene	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Chloronaphthalene	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Chlorophenol	ND		2.8	0.75	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Methylnaphthalene	**1.3**	**J**	2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Methylphenol	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Nitroaniline	ND		2.8	0.51	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
2-Nitrophenol	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
3,3'-Dichlorobenzidine	ND		14	3.0	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
3/4-Methylphenol	ND		5.6	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
3-Nitroaniline	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4,6-Dinitro-2-methylphenol	ND		14	5.3	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Bromophenyl phenyl ether	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Chloro-3-methylphenol	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Chloroaniline	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Chlorophenyl phenyl ether	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Nitroaniline	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
4-Nitrophenol	ND		2.8	1.8	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Acenaphthene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Acenaphthylene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Aniline	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Anthracene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Azobenzene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzidine	ND		28	3.2	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzo[a]anthracene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzo[a]pyrene	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzo[b]fluoranthene	ND	*1	2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzo[g,h,i]perylene	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzoic acid	ND		14	3.8	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Benzyl alcohol	ND		2.8	0.94	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Bis(2-chloroethoxy)methane	ND		2.8	0.62	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Bis(2-chloroethyl)ether	ND		14	0.60	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
bis (2-Chloroisopropyl) ether	ND		2.8	0.66	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Bis(2-ethylhexyl) phthalate	ND		2.8	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Butyl benzyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Chrysene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Dibenz(a,h)anthracene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Dibenzofuran	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Diethyl phthalate	ND		2.8	0.65	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Dimethyl phthalate	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Di-n-butyl phthalate	ND		2.8	0.62	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Di-n-octyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Fluorene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Hexachloro-1,3-butadiene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Hexachlorobenzene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Hexachlorocyclopentadiene	ND		8.4	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Hexachloroethane	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Indeno[1,2,3-cd]pyrene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Isophorone	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Naphthalene	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Nitrobenzene	ND		11	0.77	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
N-Nitrosodimethylamine	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
N-Nitrosodi-n-propylamine	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Phenanthrene	**0.78**	**J**	2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Phenol	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Pyrene	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5
Pyridine	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 22:15	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 134*	*12/05/24 06:35*	*12/07/24 22:15*	*5*
2-Fluorobiphenyl (Surr)	*86*		*14 - 142*	*12/05/24 06:35*	*12/07/24 22:15*	*5*
2-Fluorophenol (Surr)	*78*		*10 - 123*	*12/05/24 06:35*	*12/07/24 22:15*	*5*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*12/05/24 06:35*	*12/07/24 22:15*	*5*
p-Terphenyl-d14 (Surr)	*94*		*31 - 139*	*12/05/24 06:35*	*12/07/24 22:15*	*5*
Phenol-d6 (Surr)	*83*		*10 - 120*	*12/05/24 06:35*	*12/07/24 22:15*	*5*

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.62	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
1,2-Dichlorobenzene	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
1,3-Dichlorobenzene	ND		0.62	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
1-Methylnaphthalene	**0.16**	**J**	0.62	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4,5-Trichlorophenol	ND		0.62	0.24	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4,6-Trichlorophenol	ND		0.62	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4-Dichlorophenol	ND		0.62	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4-Dimethylphenol	ND		0.62	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4-Dinitrophenol	ND		2.5	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,4-Dinitrotoluene	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,6-Dichlorophenol	ND		0.62	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2,6-Dinitrotoluene	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Chloronaphthalene	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Chlorophenol	ND		0.62	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Methylnaphthalene	**0.16**	**J**	0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Methylphenol	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Nitroaniline	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
2-Nitrophenol	ND		0.62	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
3,3'-Dichlorobenzidine	ND		3.1	0.67	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
3-Nitroaniline	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4,6-Dinitro-2-methylphenol	ND		3.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Bromophenyl phenyl ether	ND		0.62	0.091	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Chloro-3-methylphenol	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Chloroaniline	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Chlorophenyl phenyl ether	ND		0.62	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Nitroaniline	ND		0.62	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
4-Nitrophenol	ND		0.62	0.39	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Acenaphthene	ND		0.62	0.098	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Acenaphthylene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Aniline	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Anthracene	ND		0.62	0.096	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Azobenzene	ND		0.62	0.097	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzidine	ND		6.2	0.71	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzo[a]anthracene	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzo[a]pyrene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzo[b]fluoranthene	ND	*1	0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzo[g,h,i]perylene	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzo[k]fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzoic acid	ND		3.1	0.83	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Benzyl alcohol	ND		0.62	0.21	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Bis(2-chloroethoxy)methane	ND		0.62	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Bis(2-chloroethyl)ether	ND		3.1	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
bis (2-Chloroisopropyl) ether	ND		0.62	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Bis(2-ethylhexyl) phthalate	ND		0.62	0.27	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Butyl benzyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Chrysene	ND		0.62	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Dibenz(a,h)anthracene	ND		0.62	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Dibenzofuran	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Diethyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Dimethyl phthalate	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Di-n-octyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Fluorene	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Hexachloro-1,3-butadiene	ND		0.62	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Hexachlorobenzene	ND		0.62	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Hexachloroethane	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Indeno[1,2,3-cd]pyrene	ND		0.62	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Isophorone	ND		0.62	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Naphthalene	ND		0.62	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
N-Nitrosodimethylamine	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
N-Nitrosodi-n-propylamine	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.62	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Pentachlorophenol	ND		3.1	2.3	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Phenanthrene	**0.19**	**J**	0.62	0.090	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Phenol	ND		0.62	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Pyrene	ND		0.62	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1
Pyridine	ND		0.62	0.29	mg/Kg	☼	12/05/24 06:35	12/07/24 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 134*	*12/05/24 06:35*	*12/07/24 22:38*	*1*
2-Fluorobiphenyl (Surr)	*99*		*14 - 142*	*12/05/24 06:35*	*12/07/24 22:38*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 123*	*12/05/24 06:35*	*12/07/24 22:38*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/05/24 06:35*	*12/07/24 22:38*	*1*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*	*12/05/24 06:35*	*12/07/24 22:38*	*1*
Phenol-d6 (Surr)	*84*		*10 - 120*	*12/05/24 06:35*	*12/07/24 22:38*	*1*

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
1,2-Dichlorobenzene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
1,3-Dichlorobenzene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
1,4-Dichlorobenzene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
1-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4,5-Trichlorophenol	ND		0.64	0.25	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4,6-Trichlorophenol	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4-Dichlorophenol	ND		0.64	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4-Dimethylphenol	ND		0.64	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4-Dinitrophenol	ND		2.6	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,4-Dinitrotoluene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,6-Dichlorophenol	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2,6-Dinitrotoluene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2-Chloronaphthalene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2-Chlorophenol	ND		0.64	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2-Nitroaniline	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
2-Nitrophenol	ND		0.64	0.18	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
3,3'-Dichlorobenzidine	ND		3.2	0.69	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
3/4-Methylphenol	ND		1.3	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
3-Nitroaniline	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4,6-Dinitro-2-methylphenol	ND		3.2	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Bromophenyl phenyl ether	ND		0.64	0.093	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Chloro-3-methylphenol	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Chloroaniline	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Chlorophenyl phenyl ether	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Nitroaniline	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
4-Nitrophenol	ND		0.64	0.40	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Acenaphthene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Acenaphthylene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Aniline	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Anthracene	ND		0.64	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Azobenzene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzidine	ND		6.4	0.73	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzo[a]anthracene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzo[a]pyrene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzo[b]fluoranthene	ND	*1	0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzo[g,h,i]perylene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzo[k]fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzoic acid	ND		3.2	0.86	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Benzyl alcohol	ND		0.64	0.21	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Bis(2-chloroethoxy)methane	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Bis(2-chloroethyl)ether	ND		3.2	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
bis (2-Chloroisopropyl) ether	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Bis(2-ethylhexyl) phthalate	ND		0.64	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Butyl benzyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Chrysene	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Dibenz(a,h)anthracene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Dibenzofuran	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Diethyl phthalate	ND		0.64	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Dimethyl phthalate	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Di-n-butyl phthalate	ND		0.64	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Di-n-octyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Fluorene	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Hexachloro-1,3-butadiene	ND		0.64	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Hexachlorobenzene	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Hexachloroethane	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Indeno[1,2,3-cd]pyrene	ND		0.64	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Isophorone	ND		0.64	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Naphthalene	ND		0.64	0.18	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Nitrobenzene	ND		2.6	0.17	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
N-Nitrosodimethylamine	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.64	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Pentachlorophenol	ND		3.2	2.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Phenanthrene	ND		0.64	0.092	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Phenol	ND		0.64	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Pyrene	ND		0.64	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1
Pyridine	ND		0.64	0.30	mg/Kg	☼	12/05/24 06:35	12/07/24 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*	*12/05/24 06:35*	*12/07/24 23:01*	*1*
2-Fluorobiphenyl (Surr)	*90*		*14 - 142*	*12/05/24 06:35*	*12/07/24 23:01*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 123*	*12/05/24 06:35*	*12/07/24 23:01*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/05/24 06:35*	*12/07/24 23:01*	*1*
p-Terphenyl-d14 (Surr)	*90*		*31 - 139*	*12/05/24 06:35*	*12/07/24 23:01*	*1*
Phenol-d6 (Surr)	*83*		*10 - 120*	*12/05/24 06:35*	*12/07/24 23:01*	*1*

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		6.1	1.5	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
1,2-Dichlorobenzene	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
1,3-Dichlorobenzene	ND		6.1	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
1,4-Dichlorobenzene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
1-Methylnaphthalene	ND		6.1	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4,5-Trichlorophenol	ND		6.1	2.4	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4,6-Trichlorophenol	ND		6.1	1.5	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4-Dichlorophenol	ND		6.1	1.6	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4-Dimethylphenol	ND		6.1	1.6	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4-Dinitrophenol	ND		25	11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,4-Dinitrotoluene	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,6-Dichlorophenol	ND		6.1	1.4	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2,6-Dinitrotoluene	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Chloronaphthalene	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Chlorophenol	ND		6.1	1.6	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Methylnaphthalene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Methylphenol	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Nitroaniline	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
2-Nitrophenol	ND		6.1	1.7	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
3,3'-Dichlorobenzidine	ND		31	6.6	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
3/4-Methylphenol	ND		12	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
3-Nitroaniline	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4,6-Dinitro-2-methylphenol	ND		31	12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Bromophenyl phenyl ether	ND		6.1	0.90	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Chloro-3-methylphenol	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Chloroaniline	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Chlorophenyl phenyl ether	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Nitroaniline	ND		6.1	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
4-Nitrophenol	ND		6.1	3.9	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		6.1	0.98	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Acenaphthylene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Aniline	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Anthracene	ND		6.1	0.95	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Azobenzene	ND		6.1	0.96	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzidine	ND		61	7.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzo[a]anthracene	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzo[a]pyrene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzo[b]fluoranthene	ND	*1	6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzo[g,h,i]perylene	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzo[k]fluoranthene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzoic acid	ND		31	8.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Benzyl alcohol	ND		6.1	2.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Bis(2-chloroethoxy)methane	ND		6.1	1.4	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Bis(2-chloroethyl)ether	ND		31	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
bis (2-Chloroisopropyl) ether	ND		6.1	1.5	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Bis(2-ethylhexyl) phthalate	ND		6.1	2.7	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Butyl benzyl phthalate	ND		6.1	2.9	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Chrysene	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Dibenz(a,h)anthracene	ND		6.1	0.98	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Dibenzofuran	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Diethyl phthalate	ND		6.1	1.4	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Dimethyl phthalate	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Di-n-butyl phthalate	ND		6.1	1.4	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Di-n-octyl phthalate	ND		6.1	2.9	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Fluoranthene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Fluorene	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Hexachloro-1,3-butadiene	ND		6.1	1.5	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Hexachlorobenzene	ND		6.1	0.98	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Hexachlorocyclopentadiene	ND		18	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Hexachloroethane	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Indeno[1,2,3-cd]pyrene	ND		6.1	1.5	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Isophorone	ND		6.1	0.98	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Naphthalene	ND		6.1	1.7	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Nitrobenzene	ND		25	1.7	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
N-Nitrosodimethylamine	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
N-Nitrosodi-n-propylamine	ND		6.1	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
n-Nitrosodiphenylamine(as diphenylamine)	ND		6.1	1.0	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Pentachlorophenol	ND		31	23	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Phenanthrene	ND		6.1	0.89	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Phenol	ND		6.1	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Pyrene	ND		6.1	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10
Pyridine	ND		6.1	2.9	mg/Kg	☼	12/05/24 06:35	12/07/24 23:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 134*	*12/05/24 06:35*	*12/07/24 23:25*	*10*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*	*12/05/24 06:35*	*12/07/24 23:25*	*10*
2-Fluorophenol (Surr)	*89*		*10 - 123*	*12/05/24 06:35*	*12/07/24 23:25*	*10*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*12/05/24 06:35*	*12/07/24 23:25*	*10*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*	*12/05/24 06:35*	*12/07/24 23:25*	*10*
Phenol-d6 (Surr)	*93*		*10 - 120*	*12/05/24 06:35*	*12/07/24 23:25*	*10*

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
1,2-Dichlorobenzene	ND		0.59	0.099	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
3-Nitroaniline	ND		0.59	0.098	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Bromophenyl phenyl ether	ND		0.59	0.086	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Chloroaniline	ND		0.59	0.097	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Acenaphthene	ND		0.59	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Anthracene	ND		0.59	0.091	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Azobenzene	ND		0.59	0.092	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzidine	ND		5.9	0.68	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzo[b]fluoranthene	ND	*1	0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzo[g,h,i]perylene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzoic acid	ND		2.9	0.79	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Chrysene	ND		0.59	0.098	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Dibenz(a,h)anthracene	ND		0.59	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Hexachlorobenzene	ND		0.59	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Isophorone	ND		0.59	0.094	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
N-Nitrosodimethylamine	ND		0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Pentachlorophenol	ND		2.9	2.2	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Phenol	ND		0.59	0.11	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/05/24 06:35	12/07/24 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 134*	*12/05/24 06:35*	*12/07/24 23:48*	*1*
2-Fluorobiphenyl (Surr)	*96*		*14 - 142*	*12/05/24 06:35*	*12/07/24 23:48*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 123*	*12/05/24 06:35*	*12/07/24 23:48*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/05/24 06:35*	*12/07/24 23:48*	*1*
p-Terphenyl-d14 (Surr)	*92*		*31 - 139*	*12/05/24 06:35*	*12/07/24 23:48*	*1*
Phenol-d6 (Surr)	*91*		*10 - 120*	*12/05/24 06:35*	*12/07/24 23:48*	*1*

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.69	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
1,2-Dichlorobenzene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
1,3-Dichlorobenzene	ND		0.69	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
1,4-Dichlorobenzene	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
1-Methylnaphthalene	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,4,5-Trichlorophenol	ND		0.69	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-15.0
Lab Sample ID: 570-209335-9
Date Collected: 12/03/24 10:10
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.69	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,4-Dichlorophenol	ND		0.69	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,4-Dimethylphenol	ND		0.69	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,4-Dinitrophenol	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,4-Dinitrotoluene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,6-Dichlorophenol	ND		0.69	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2,6-Dinitrotoluene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Chloronaphthalene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Chlorophenol	ND		0.69	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Methylnaphthalene	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Methylphenol	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Nitroaniline	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
2-Nitrophenol	ND		0.69	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
3,3'-Dichlorobenzidine	ND		3.5	0.75	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
3/4-Methylphenol	ND		1.4	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
3-Nitroaniline	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4,6-Dinitro-2-methylphenol	ND		3.5	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Bromophenyl phenyl ether	ND		0.69	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Chloro-3-methylphenol	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Chloroaniline	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Chlorophenyl phenyl ether	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Nitroaniline	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
4-Nitrophenol	ND		0.69	0.44	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Acenaphthene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Acenaphthylene	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Aniline	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Anthracene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Azobenzene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzidine	ND		6.9	0.80	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzo[a]anthracene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzo[a]pyrene	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzo[b]fluoranthene	ND	*1	0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzo[g,h,i]perylene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzo[k]fluoranthene	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzoic acid	ND		3.5	0.93	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Benzyl alcohol	ND		0.69	0.23	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Bis(2-chloroethoxy)methane	ND		0.69	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Bis(2-chloroethyl)ether	ND		3.5	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
bis (2-Chloroisopropyl) ether	ND		0.69	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Bis(2-ethylhexyl) phthalate	ND		0.69	0.30	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Butyl benzyl phthalate	ND		0.69	0.33	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Chrysene	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Dibenz(a,h)anthracene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Dibenzofuran	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Diethyl phthalate	ND		0.69	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Dimethyl phthalate	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Di-n-butyl phthalate	ND		0.69	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Di-n-octyl phthalate	ND		0.69	0.32	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Fluoranthene	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Hexachloro-1,3-butadiene	ND		0.69	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Hexachlorobenzene	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Hexachlorocyclopentadiene	ND		2.1	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Hexachloroethane	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Indeno[1,2,3-cd]pyrene	ND		0.69	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Isophorone	ND		0.69	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Naphthalene	ND		0.69	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Nitrobenzene	ND		2.8	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
N-Nitrosodimethylamine	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
N-Nitrosodi-n-propylamine	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.69	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Pentachlorophenol	ND		3.5	2.6	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Phenanthrene	ND		0.69	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Phenol	ND		0.69	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Pyrene	ND		0.69	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1
Pyridine	ND		0.69	0.33	mg/Kg	☼	12/05/24 06:35	12/08/24 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 134*	*12/05/24 06:35*	*12/08/24 00:11*	*1*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*	*12/05/24 06:35*	*12/08/24 00:11*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 123*	*12/05/24 06:35*	*12/08/24 00:11*	*1*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*12/05/24 06:35*	*12/08/24 00:11*	*1*
p-Terphenyl-d14 (Surr)	*94*		*31 - 139*	*12/05/24 06:35*	*12/08/24 00:11*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/05/24 06:35*	*12/08/24 00:11*	*1*

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.7	0.65	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
1,2-Dichlorobenzene	ND		2.7	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
1,3-Dichlorobenzene	ND		2.7	0.57	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
1,4-Dichlorobenzene	ND		2.7	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
1-Methylnaphthalene	ND		2.7	0.56	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4,5-Trichlorophenol	ND		2.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4,6-Trichlorophenol	ND		2.7	0.64	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4-Dichlorophenol	ND		2.7	0.72	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4-Dimethylphenol	ND		2.7	0.70	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4-Dinitrophenol	ND		11	4.9	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,4-Dinitrotoluene	ND		2.7	0.44	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,6-Dichlorophenol	ND		2.7	0.61	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2,6-Dinitrotoluene	ND		2.7	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Chloronaphthalene	ND		2.7	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Chlorophenol	ND		2.7	0.72	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Methylnaphthalene	ND		2.7	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Methylphenol	ND		2.7	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Nitroaniline	ND		2.7	0.50	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
2-Nitrophenol	ND		2.7	0.75	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		14	2.9	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
3/4-Methylphenol	ND		5.4	0.57	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
3-Nitroaniline	ND		2.7	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4,6-Dinitro-2-methylphenol	ND		14	5.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Bromophenyl phenyl ether	ND		2.7	0.40	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Chloro-3-methylphenol	ND		2.7	0.50	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Chloroaniline	ND		2.7	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Chlorophenyl phenyl ether	ND		2.7	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Nitroaniline	ND		2.7	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
4-Nitrophenol	ND		2.7	1.7	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Acenaphthene	ND		2.7	0.43	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Acenaphthylene	ND		2.7	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Aniline	ND		2.7	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Anthracene	ND		2.7	0.42	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Azobenzene	ND		2.7	0.43	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzidine	ND		27	3.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzo[a]anthracene	ND		2.7	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzo[a]pyrene	ND		2.7	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzo[b]fluoranthene	ND	*1	2.7	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzo[g,h,i]perylene	ND		2.7	0.48	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzo[k]fluoranthene	ND		2.7	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzoic acid	ND		14	3.6	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Benzyl alcohol	ND		2.7	0.91	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Bis(2-chloroethoxy)methane	ND		2.7	0.60	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Bis(2-chloroethyl)ether	ND		14	0.57	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
bis (2-Chloroisopropyl) ether	ND		2.7	0.64	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Bis(2-ethylhexyl) phthalate	ND		2.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Butyl benzyl phthalate	ND		2.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Chrysene	ND		2.7	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Dibenz(a,h)anthracene	ND		2.7	0.43	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Dibenzofuran	ND		2.7	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Diethyl phthalate	ND		2.7	0.62	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Dimethyl phthalate	ND		2.7	0.53	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Di-n-butyl phthalate	ND		2.7	0.60	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Di-n-octyl phthalate	ND		2.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Fluoranthene	ND		2.7	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Fluorene	ND		2.7	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Hexachloro-1,3-butadiene	ND		2.7	0.68	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Hexachlorobenzene	ND		2.7	0.43	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Hexachlorocyclopentadiene	ND		8.1	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Hexachloroethane	ND		2.7	0.50	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Indeno[1,2,3-cd]pyrene	ND		2.7	0.67	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Isophorone	ND		2.7	0.43	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Naphthalene	ND		2.7	0.75	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Nitrobenzene	ND		11	0.74	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
N-Nitrosodimethylamine	ND		2.7	0.48	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
N-Nitrosodi-n-propylamine	ND		2.7	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		2.7	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		2.7	0.39	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Phenol	ND		2.7	0.53	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Pyrene	ND		2.7	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5
Pyridine	ND		2.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 00:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 134*	*12/05/24 06:35*	*12/08/24 00:34*	*5*
2-Fluorobiphenyl (Surr)	*92*		*14 - 142*	*12/05/24 06:35*	*12/08/24 00:34*	*5*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/05/24 06:35*	*12/08/24 00:34*	*5*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/05/24 06:35*	*12/08/24 00:34*	*5*
p-Terphenyl-d14 (Surr)	*113*		*31 - 139*	*12/05/24 06:35*	*12/08/24 00:34*	*5*
Phenol-d6 (Surr)	*94*		*10 - 120*	*12/05/24 06:35*	*12/08/24 00:34*	*5*

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
1,2-Dichlorobenzene	ND		0.58	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2,6-Dinitrotoluene	ND		0.58	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzidine	ND		5.8	0.66	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzo[b]fluoranthene	ND	*1	0.58	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Phenanthrene	ND		0.58	0.083	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 134*	*12/05/24 06:35*	*12/08/24 00:57*	*1*
2-Fluorobiphenyl (Surr)	*92*		*14 - 142*	*12/05/24 06:35*	*12/08/24 00:57*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/05/24 06:35*	*12/08/24 00:57*	*1*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*12/05/24 06:35*	*12/08/24 00:57*	*1*
p-Terphenyl-d14 (Surr)	*101*		*31 - 139*	*12/05/24 06:35*	*12/08/24 00:57*	*1*
Phenol-d6 (Surr)	*94*		*10 - 120*	*12/05/24 06:35*	*12/08/24 00:57*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB24-15.0
Lab Sample ID: 570-209335-12
Date Collected: 12/03/24 10:50
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.66	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
1,2-Dichlorobenzene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
1,3-Dichlorobenzene	ND		0.66	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
1,4-Dichlorobenzene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
1-Methylnaphthalene	ND		0.66	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4,5-Trichlorophenol	ND		0.66	0.26	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4,6-Trichlorophenol	ND		0.66	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4-Dichlorophenol	ND		0.66	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4-Dimethylphenol	ND		0.66	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4-Dinitrophenol	ND		2.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,4-Dinitrotoluene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,6-Dichlorophenol	ND		0.66	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2,6-Dinitrotoluene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Chloronaphthalene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Chlorophenol	ND		0.66	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Methylnaphthalene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Methylphenol	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Nitroaniline	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
2-Nitrophenol	ND		0.66	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
3,3'-Dichlorobenzidine	ND		3.3	0.71	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
3/4-Methylphenol	ND		1.3	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
3-Nitroaniline	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4,6-Dinitro-2-methylphenol	ND		3.3	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Bromophenyl phenyl ether	ND		0.66	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Chloro-3-methylphenol	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Chloroaniline	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Chlorophenyl phenyl ether	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Nitroaniline	ND		0.66	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
4-Nitrophenol	ND		0.66	0.42	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Acenaphthene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Acenaphthylene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Aniline	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Anthracene	ND		0.66	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Azobenzene	ND		0.66	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzidine	ND		6.6	0.76	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzo[a]anthracene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzo[a]pyrene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzo[b]fluoranthene	ND	*1	0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzo[g,h,i]perylene	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzo[k]fluoranthene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzoic acid	ND		3.3	0.89	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Benzyl alcohol	ND		0.66	0.22	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Bis(2-chloroethoxy)methane	ND		0.66	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Bis(2-chloroethyl)ether	ND		3.3	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
bis (2-Chloroisopropyl) ether	ND		0.66	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Bis(2-ethylhexyl) phthalate	ND		0.66	0.29	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Butyl benzyl phthalate	ND		0.66	0.31	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Chrysene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Dibenz(a,h)anthracene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Diethyl phthalate	ND		0.66	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Dimethyl phthalate	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Di-n-butyl phthalate	ND		0.66	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Di-n-octyl phthalate	ND		0.66	0.31	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Fluoranthene	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Fluorene	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Hexachloro-1,3-butadiene	ND		0.66	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Hexachlorobenzene	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Hexachlorocyclopentadiene	ND		2.0	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Hexachloroethane	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Indeno[1,2,3-cd]pyrene	ND		0.66	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Isophorone	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Naphthalene	ND		0.66	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Nitrobenzene	ND		2.7	0.18	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
N-Nitrosodimethylamine	ND		0.66	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
N-Nitrosodi-n-propylamine	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.66	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Pentachlorophenol	ND		3.3	2.4	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Phenanthrene	ND		0.66	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Phenol	ND		0.66	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Pyrene	ND		0.66	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1
Pyridine	ND		0.66	0.31	mg/Kg	☼	12/05/24 06:35	12/08/24 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/05/24 06:35*	*12/08/24 01:21*	*1*
2-Fluorobiphenyl (Surr)	*100*		*14 - 142*	*12/05/24 06:35*	*12/08/24 01:21*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 123*	*12/05/24 06:35*	*12/08/24 01:21*	*1*
Nitrobenzene-d5 (Surr)	*93*		*10 - 129*	*12/05/24 06:35*	*12/08/24 01:21*	*1*
p-Terphenyl-d14 (Surr)	*105*		*31 - 139*	*12/05/24 06:35*	*12/08/24 01:21*	*1*
Phenol-d6 (Surr)	*92*		*10 - 120*	*12/05/24 06:35*	*12/08/24 01:21*	*1*

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.8	0.68	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
1,2-Dichlorobenzene	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
1,3-Dichlorobenzene	ND		2.8	0.60	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
1,4-Dichlorobenzene	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
1-Methylnaphthalene	ND		2.8	0.59	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4,5-Trichlorophenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4,6-Trichlorophenol	ND		2.8	0.67	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4-Dichlorophenol	ND		2.8	0.75	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4-Dimethylphenol	ND		2.8	0.73	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4-Dinitrophenol	ND		11	5.2	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,4-Dinitrotoluene	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,6-Dichlorophenol	ND		2.8	0.64	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2,6-Dinitrotoluene	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2-Chlorophenol	ND		2.8	0.76	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2-Methylnaphthalene	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2-Methylphenol	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2-Nitroaniline	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
2-Nitrophenol	ND		2.8	0.79	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
3,3'-Dichlorobenzidine	ND		14	3.1	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
3/4-Methylphenol	ND		5.7	0.60	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
3-Nitroaniline	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4,6-Dinitro-2-methylphenol	ND		14	5.4	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Bromophenyl phenyl ether	ND		2.8	0.42	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Chloro-3-methylphenol	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Chloroaniline	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Chlorophenyl phenyl ether	ND		2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Nitroaniline	ND		2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
4-Nitrophenol	ND		2.8	1.8	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Acenaphthene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Acenaphthylene	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Aniline	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Anthracene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Azobenzene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzidine	ND		28	3.3	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzo[a]anthracene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzo[a]pyrene	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzo[b]fluoranthene	ND	*1	2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzo[g,h,i]perylene	ND		2.8	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzo[k]fluoranthene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzoic acid	ND		14	3.8	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Benzyl alcohol	ND		2.8	0.95	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Bis(2-chloroethoxy)methane	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Bis(2-chloroethyl)ether	ND		14	0.60	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
bis (2-Chloroisopropyl) ether	ND		2.8	0.67	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Bis(2-ethylhexyl) phthalate	ND		2.8	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Butyl benzyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Chrysene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Dibenz(a,h)anthracene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Dibenzofuran	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Diethyl phthalate	ND		2.8	0.65	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Dimethyl phthalate	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Di-n-butyl phthalate	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Di-n-octyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Fluoranthene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Fluorene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Hexachloro-1,3-butadiene	ND		2.8	0.71	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Hexachlorobenzene	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Hexachlorocyclopentadiene	ND		8.5	0.49	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Hexachloroethane	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Indeno[1,2,3-cd]pyrene	ND		2.8	0.71	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Isophorone	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		2.8	0.79	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Nitrobenzene	ND		11	0.77	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
N-Nitrosodimethylamine	ND		2.8	0.51	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
N-Nitrosodi-n-propylamine	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Phenanthrene	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Phenol	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Pyrene	ND		2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5
Pyridine	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 01:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*	*12/05/24 06:35*	*12/08/24 01:44*	*5*
2-Fluorobiphenyl (Surr)	*105*		*14 - 142*	*12/05/24 06:35*	*12/08/24 01:44*	*5*
2-Fluorophenol (Surr)	*87*		*10 - 123*	*12/05/24 06:35*	*12/08/24 01:44*	*5*
Nitrobenzene-d5 (Surr)	*85*		*10 - 129*	*12/05/24 06:35*	*12/08/24 01:44*	*5*
p-Terphenyl-d14 (Surr)	*102*		*31 - 139*	*12/05/24 06:35*	*12/08/24 01:44*	*5*
Phenol-d6 (Surr)	*92*		*10 - 120*	*12/05/24 06:35*	*12/08/24 01:44*	*5*

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
1,3-Dichlorobenzene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Methylphenol	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4-Bromophenyl phenyl ether	ND		0.60	0.087	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4-Chloroaniline	ND		0.60	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
4-Nitrophenol	ND		0.60	0.37	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Acenaphthylene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Anthracene	ND		0.60	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Azobenzene	ND		0.60	0.093	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzidine	ND		6.0	0.68	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzo[a]anthracene	ND		0.60	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzo[b]fluoranthene	ND	*1	0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Chrysene	ND		0.60	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Dibenz(a,h)anthracene	ND		0.60	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Hexachlorobenzene	ND		0.60	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/05/24 06:35	12/08/24 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 134*	*12/05/24 06:35*	*12/08/24 02:07*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*14 - 142*	*12/05/24 06:35*	*12/08/24 02:07*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 123*	*12/05/24 06:35*	*12/08/24 02:07*	*1*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/05/24 06:35*	*12/08/24 02:07*	*1*
p-Terphenyl-d14 (Surr)	*101*		*31 - 139*	*12/05/24 06:35*	*12/08/24 02:07*	*1*
Phenol-d6 (Surr)	*91*		*10 - 120*	*12/05/24 06:35*	*12/08/24 02:07*	*1*

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
1,2-Dichlorobenzene	ND		0.57	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4,6-Trichlorophenol	ND		0.57	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Chloronaphthalene	ND		0.57	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
3,3'-Dichlorobenzidine	ND		2.9	0.61	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
3-Nitroaniline	ND		0.57	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Azobenzene	ND		0.57	0.090	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzidine	ND		5.7	0.66	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzo[b]fluoranthene	**0.14**	**J *1**	0.57	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzoic acid	ND		2.9	0.77	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Chrysene	ND		0.57	0.095	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Di-n-octyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Hexachlorobenzene	ND		0.57	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Hexachloroethane	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Phenanthrene	ND		0.57	0.083	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 134*	*12/05/24 06:35*	*12/08/24 02:30*	*1*
2-Fluorobiphenyl (Surr)	*94*		*14 - 142*	*12/05/24 06:35*	*12/08/24 02:30*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 123*	*12/05/24 06:35*	*12/08/24 02:30*	*1*
Nitrobenzene-d5 (Surr)	*87*		*10 - 129*	*12/05/24 06:35*	*12/08/24 02:30*	*1*
p-Terphenyl-d14 (Surr)	*105*		*31 - 139*	*12/05/24 06:35*	*12/08/24 02:30*	*1*
Phenol-d6 (Surr)	*89*		*10 - 120*	*12/05/24 06:35*	*12/08/24 02:30*	*1*

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.7	1.4	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
1,2-Dichlorobenzene	ND		5.7	0.95	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
1,3-Dichlorobenzene	ND		5.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
1-Methylnaphthalene	ND		5.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4,5-Trichlorophenol	ND		5.7	2.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4,6-Trichlorophenol	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4-Dichlorophenol	ND		5.7	1.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4-Dimethylphenol	ND		5.7	1.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4-Dinitrophenol	ND		23	10	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,4-Dinitrotoluene	ND		5.7	0.92	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,6-Dichlorophenol	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2,6-Dinitrotoluene	ND		5.7	0.97	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Chloronaphthalene	ND		5.7	0.98	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Chlorophenol	ND		5.7	1.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Methylnaphthalene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Methylphenol	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Nitroaniline	ND		5.7	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
2-Nitrophenol	ND		5.7	1.6	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
3,3'-Dichlorobenzidine	ND		28	6.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
3/4-Methylphenol	ND		11	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
3-Nitroaniline	ND		5.7	0.94	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4,6-Dinitro-2-methylphenol	ND		28	11	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Bromophenyl phenyl ether	ND		5.7	0.83	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Chloro-3-methylphenol	ND		5.7	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Chloroaniline	ND		5.7	0.93	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Chlorophenyl phenyl ether	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Nitroaniline	ND		5.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
4-Nitrophenol	ND		5.7	3.6	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Acenaphthene	ND		5.7	0.90	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Acenaphthylene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Aniline	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Anthracene	ND		5.7	0.88	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Azobenzene	ND		5.7	0.89	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzidine	ND		57	6.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzo[a]anthracene	ND		5.7	0.94	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzo[a]pyrene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzo[b]fluoranthene	ND	*1	5.7	0.96	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzo[g,h,i]perylene	ND		5.7	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzo[k]fluoranthene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzoic acid	ND		28	7.6	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Benzyl alcohol	ND		5.7	1.9	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Bis(2-chloroethoxy)methane	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Bis(2-chloroethyl)ether	ND		28	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
bis (2-Chloroisopropyl) ether	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Bis(2-ethylhexyl) phthalate	ND		5.7	2.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Butyl benzyl phthalate	ND		5.7	2.7	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Chrysene	ND		5.7	0.94	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Dibenz(a,h)anthracene	ND		5.7	0.90	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Dibenzofuran	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Diethyl phthalate	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Dimethyl phthalate	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5.7	1.3	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Di-n-octyl phthalate	ND		5.7	2.6	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Fluoranthene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Fluorene	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Hexachloro-1,3-butadiene	ND		5.7	1.4	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Hexachlorobenzene	ND		5.7	0.90	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Hexachlorocyclopentadiene	ND		17	0.98	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Hexachloroethane	ND		5.7	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Indeno[1,2,3-cd]pyrene	ND		5.7	1.4	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Isophorone	ND		5.7	0.90	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Naphthalene	ND		5.7	1.6	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Nitrobenzene	ND		23	1.5	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
N-Nitrosodimethylamine	ND		5.7	1.0	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
N-Nitrosodi-n-propylamine	ND		5.7	0.97	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.7	0.96	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Pentachlorophenol	ND		28	21	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Phenanthrene	ND		5.7	0.82	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Phenol	ND		5.7	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Pyrene	ND		5.7	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10
Pyridine	ND		5.7	2.7	mg/Kg	☼	12/05/24 06:35	12/08/24 02:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 134*	*12/05/24 06:35*	*12/08/24 02:53*	*10*
2-Fluorobiphenyl (Surr)	*96*		*14 - 142*	*12/05/24 06:35*	*12/08/24 02:53*	*10*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/05/24 06:35*	*12/08/24 02:53*	*10*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/05/24 06:35*	*12/08/24 02:53*	*10*
p-Terphenyl-d14 (Surr)	*105*		*31 - 139*	*12/05/24 06:35*	*12/08/24 02:53*	*10*
Phenol-d6 (Surr)	*97*		*10 - 120*	*12/05/24 06:35*	*12/08/24 02:53*	*10*

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzidine	ND		5.8	0.67	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzo[b]fluoranthene	ND	*1	0.58	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/05/24 06:35*	*12/08/24 03:17*	*1*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*	*12/05/24 06:35*	*12/08/24 03:17*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 123*	*12/05/24 06:35*	*12/08/24 03:17*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/05/24 06:35*	*12/08/24 03:17*	*1*
p-Terphenyl-d14 (Surr)	*102*		*31 - 139*	*12/05/24 06:35*	*12/08/24 03:17*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/05/24 06:35*	*12/08/24 03:17*	*1*

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.63	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
1,2-Dichlorobenzene	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
1,3-Dichlorobenzene	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
1,4-Dichlorobenzene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
1-Methylnaphthalene	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4,5-Trichlorophenol	ND		0.63	0.25	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4,6-Trichlorophenol	ND		0.63	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4-Dichlorophenol	ND		0.63	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4-Dimethylphenol	ND		0.63	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4-Dinitrophenol	ND		2.5	1.1	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,4-Dinitrotoluene	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,6-Dichlorophenol	ND		0.63	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2,6-Dinitrotoluene	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Chloronaphthalene	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Chlorophenol	ND		0.63	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Methylnaphthalene	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Methylphenol	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Nitroaniline	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
2-Nitrophenol	ND		0.63	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
3,3'-Dichlorobenzidine	ND		3.1	0.67	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
3/4-Methylphenol	ND		1.3	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
3-Nitroaniline	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4,6-Dinitro-2-methylphenol	ND		3.1	1.2	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Bromophenyl phenyl ether	ND		0.63	0.092	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Chloro-3-methylphenol	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Chloroaniline	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Chlorophenyl phenyl ether	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Nitroaniline	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
4-Nitrophenol	ND		0.63	0.39	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.63	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Acenaphthylene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Aniline	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Anthracene	ND		0.63	0.097	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Azobenzene	ND		0.63	0.098	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzidine	ND		6.3	0.72	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzo[a]anthracene	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzo[a]pyrene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzo[b]fluoranthene	ND	*1	0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzo[g,h,i]perylene	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzo[k]fluoranthene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzoic acid	ND		3.1	0.84	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Benzyl alcohol	ND		0.63	0.21	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Bis(2-chloroethoxy)methane	ND		0.63	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Bis(2-chloroethyl)ether	ND		3.1	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
bis (2-Chloroisopropyl) ether	ND		0.63	0.15	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Bis(2-ethylhexyl) phthalate	ND		0.63	0.27	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Butyl benzyl phthalate	ND		0.63	0.29	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Chrysene	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Dibenz(a,h)anthracene	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Dibenzofuran	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Diethyl phthalate	ND		0.63	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Dimethyl phthalate	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Di-n-butyl phthalate	ND		0.63	0.14	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Di-n-octyl phthalate	ND		0.63	0.29	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Fluoranthene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Fluorene	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Hexachloro-1,3-butadiene	ND		0.63	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Hexachlorobenzene	ND		0.63	0.10	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Hexachloroethane	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Indeno[1,2,3-cd]pyrene	ND		0.63	0.16	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Isophorone	ND		0.63	0.099	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Naphthalene	ND		0.63	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
N-Nitrosodimethylamine	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
N-Nitrosodi-n-propylamine	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.63	0.11	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Pentachlorophenol	ND		3.1	2.3	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Phenanthrene	ND		0.63	0.090	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Phenol	ND		0.63	0.12	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Pyrene	ND		0.63	0.13	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1
Pyridine	ND		0.63	0.30	mg/Kg	☼	12/05/24 06:35	12/08/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*	*12/05/24 06:35*	*12/08/24 03:40*	*1*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*	*12/05/24 06:35*	*12/08/24 03:40*	*1*
2-Fluorophenol (Surr)	*96*		*10 - 123*	*12/05/24 06:35*	*12/08/24 03:40*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/05/24 06:35*	*12/08/24 03:40*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*12/05/24 06:35*	*12/08/24 03:40*	*1*
Phenol-d6 (Surr)	*90*		*10 - 120*	*12/05/24 06:35*	*12/08/24 03:40*	*1*

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.8	0.67	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
1,2-Dichlorobenzene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
1,3-Dichlorobenzene	ND		2.8	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
1,4-Dichlorobenzene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
1-Methylnaphthalene	ND		2.8	0.58	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4,5-Trichlorophenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4,6-Trichlorophenol	ND		2.8	0.66	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4-Dichlorophenol	ND		2.8	0.74	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4-Dimethylphenol	ND		2.8	0.72	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4-Dinitrophenol	ND	F1	11	5.1	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,4-Dinitrotoluene	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,6-Dichlorophenol	ND		2.8	0.63	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2,6-Dinitrotoluene	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Chloronaphthalene	ND		2.8	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Chlorophenol	ND		2.8	0.75	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Methylnaphthalene	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Methylphenol	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Nitroaniline	ND		2.8	0.51	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
2-Nitrophenol	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
3,3'-Dichlorobenzidine	ND		14	3.0	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
3/4-Methylphenol	ND		5.6	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
3-Nitroaniline	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4,6-Dinitro-2-methylphenol	ND	F1	14	5.3	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Bromophenyl phenyl ether	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Chloro-3-methylphenol	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Chloroaniline	ND		2.8	0.46	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Chlorophenyl phenyl ether	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Nitroaniline	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
4-Nitrophenol	ND		2.8	1.8	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Acenaphthene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Acenaphthylene	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Aniline	ND		2.8	0.54	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Anthracene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Azobenzene	ND		2.8	0.44	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzidine	ND	F1	28	3.2	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzo[a]anthracene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzo[a]pyrene	ND		2.8	0.56	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzo[b]fluoranthene	ND	*1	2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzo[g,h,i]perylene	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzo[k]fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzoic acid	ND	F1	14	3.8	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Benzyl alcohol	ND		2.8	0.94	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		2.8	0.62	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Bis(2-chloroethyl)ether	ND		14	0.59	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
bis (2-Chloroisopropyl) ether	ND		2.8	0.66	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Bis(2-ethylhexyl) phthalate	ND		2.8	1.2	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Butyl benzyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Chrysene	ND		2.8	0.47	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Dibenz(a,h)anthracene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Dibenzofuran	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Diethyl phthalate	ND		2.8	0.65	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Dimethyl phthalate	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Di-n-butyl phthalate	ND		2.8	0.62	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Di-n-octyl phthalate	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Fluoranthene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Fluorene	ND		2.8	0.53	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Hexachloro-1,3-butadiene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Hexachlorobenzene	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Hexachlorocyclopentadiene	ND		8.4	0.49	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Hexachloroethane	ND		2.8	0.52	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Indeno[1,2,3-cd]pyrene	ND		2.8	0.70	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Isophorone	ND		2.8	0.45	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Naphthalene	ND		2.8	0.78	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Nitrobenzene	ND		11	0.76	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
N-Nitrosodimethylamine	ND		2.8	0.50	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
N-Nitrosodi-n-propylamine	ND		2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	2.8	0.48	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Phenanthrene	ND		2.8	0.41	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Phenol	ND		2.8	0.55	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Pyrene	ND		2.8	0.57	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5
Pyridine	ND		2.8	1.3	mg/Kg	☼	12/05/24 06:35	12/07/24 20:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 134*	*12/05/24 06:35*	*12/07/24 20:42*	*5*
2-Fluorobiphenyl (Surr)	*90*		*14 - 142*	*12/05/24 06:35*	*12/07/24 20:42*	*5*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/05/24 06:35*	*12/07/24 20:42*	*5*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*12/05/24 06:35*	*12/07/24 20:42*	*5*
p-Terphenyl-d14 (Surr)	*102*		*31 - 139*	*12/05/24 06:35*	*12/07/24 20:42*	*5*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/05/24 06:35*	*12/07/24 20:42*	*5*

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
1,2-Dichlorobenzene	ND		0.58	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-5.0
Lab Sample ID: 570-209335-20
Date Collected: 12/03/24 13:00
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2,6-Dinitrotoluene	ND		0.58	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
3-Nitroaniline	ND		0.58	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Bromophenyl phenyl ether	ND		0.58	0.084	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Acenaphthene	ND		0.58	0.091	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Anthracene	ND		0.58	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Azobenzene	ND		0.58	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzidine	ND		5.8	0.66	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzo[a]pyrene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Hexachlorobenzene	ND		0.58	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Phenanthrene	ND		0.58	0.083	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 134*	*12/05/24 12:23*	*12/07/24 20:58*	*1*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*	*12/05/24 12:23*	*12/07/24 20:58*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 123*	*12/05/24 12:23*	*12/07/24 20:58*	*1*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*12/05/24 12:23*	*12/07/24 20:58*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*12/05/24 12:23*	*12/07/24 20:58*	*1*
Phenol-d6 (Surr)	*90*		*10 - 120*	*12/05/24 12:23*	*12/07/24 20:58*	*1*

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
1-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,6-Dichlorophenol	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
2-Nitrophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
3-Nitroaniline	ND		0.56	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Acenaphthene	ND		0.56	0.088	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Anthracene	ND		0.56	0.086	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Azobenzene	ND		0.56	0.087	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzidine	ND		5.6	0.64	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzo[b]fluoranthene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzoic acid	ND		2.8	0.75	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Fluorene	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Hexachlorobenzene	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Hexachlorocyclopentadiene	ND		1.7	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Naphthalene	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
N-Nitrosodimethylamine	ND		0.56	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
N-Nitrosodi-n-propylamine	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.56	0.080	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/05/24 12:23*	*12/07/24 21:21*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/05/24 12:23*	*12/07/24 21:21*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 123*	*12/05/24 12:23*	*12/07/24 21:21*	*1*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*	*12/05/24 12:23*	*12/07/24 21:21*	*1*
p-Terphenyl-d14 (Surr)	*75*		*31 - 139*	*12/05/24 12:23*	*12/07/24 21:21*	*1*
Phenol-d6 (Surr)	*77*		*10 - 120*	*12/05/24 12:23*	*12/07/24 21:21*	*1*

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		27	6.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
1,2-Dichlorobenzene	ND		27	4.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
1,3-Dichlorobenzene	ND		27	5.8	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
1,4-Dichlorobenzene	ND		27	5.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
1-Methylnaphthalene	ND		27	5.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4,5-Trichlorophenol	ND		27	11	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4,6-Trichlorophenol	ND		27	6.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4-Dichlorophenol	ND		27	7.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4-Dimethylphenol	ND		27	7.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4-Dinitrophenol	ND		110	50	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,4-Dinitrotoluene	ND		27	4.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,6-Dichlorophenol	ND		27	6.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2,6-Dinitrotoluene	ND		27	4.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Chloronaphthalene	ND		27	4.8	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Chlorophenol	ND		27	7.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Methylnaphthalene	ND		27	5.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Methylphenol	ND		27	5.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Nitroaniline	ND		27	5.0	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
2-Nitrophenol	ND		27	7.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
3,3'-Dichlorobenzidine	ND		140	29	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
3/4-Methylphenol	ND		55	5.8	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
3-Nitroaniline	ND		27	4.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4,6-Dinitro-2-methylphenol	ND		140	52	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Bromophenyl phenyl ether	ND		27	4.0	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Chloro-3-methylphenol	ND		27	5.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Chloroaniline	ND		27	4.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Chlorophenyl phenyl ether	ND		27	5.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Nitroaniline	ND		27	5.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
4-Nitrophenol	ND		27	17	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Acenaphthene	ND		27	4.4	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Acenaphthylene	ND		27	5.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Aniline	ND		27	5.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Anthracene	ND		27	4.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		27	4.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzidine	ND		270	32	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzo[a]anthracene	ND		27	4.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzo[a]pyrene	ND		27	5.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzo[b]fluoranthene	ND		27	4.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzo[g,h,i]perylene	ND		27	4.9	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzo[k]fluoranthene	ND		27	5.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzoic acid	ND		140	37	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Benzyl alcohol	ND		27	9.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Bis(2-chloroethoxy)methane	ND		27	6.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Bis(2-chloroethyl)ether	ND		140	5.8	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
bis (2-Chloroisopropyl) ether	ND		27	6.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Bis(2-ethylhexyl) phthalate	ND		27	12	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Butyl benzyl phthalate	ND		27	13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Chrysene	ND		27	4.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Dibenz(a,h)anthracene	ND		27	4.4	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Dibenzofuran	ND		27	5.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Diethyl phthalate	ND		27	6.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Dimethyl phthalate	ND		27	5.4	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Di-n-butyl phthalate	ND		27	6.1	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Di-n-octyl phthalate	ND		27	13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Fluoranthene	ND		27	5.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Fluorene	ND		27	5.2	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Hexachloro-1,3-butadiene	ND		27	6.9	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Hexachlorobenzene	ND		27	4.4	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Hexachlorocyclopentadiene	ND		82	4.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Hexachloroethane	ND		27	5.0	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Indeno[1,2,3-cd]pyrene	ND		27	6.8	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Isophorone	ND		27	4.4	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Naphthalene	ND		27	7.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Nitrobenzene	ND		110	7.5	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
N-Nitrosodimethylamine	ND		27	4.9	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
N-Nitrosodi-n-propylamine	ND		27	4.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
n-Nitrosodiphenylamine(as diphenylamine)	ND		27	4.7	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Pentachlorophenol	ND		140	100	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Phenanthrene	ND		27	4.0	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Phenol	ND		27	5.3	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Pyrene	ND		27	5.6	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50
Pyridine	ND		27	13	mg/Kg	☼	12/05/24 12:23	12/07/24 21:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 134*	*12/05/24 12:23*	*12/07/24 21:45*	*50*
2-Fluorobiphenyl (Surr)	*50*		*14 - 142*	*12/05/24 12:23*	*12/07/24 21:45*	*50*
2-Fluorophenol (Surr)	*70*		*10 - 123*	*12/05/24 12:23*	*12/07/24 21:45*	*50*
Nitrobenzene-d5 (Surr)	*62*		*10 - 129*	*12/05/24 12:23*	*12/07/24 21:45*	*50*
p-Terphenyl-d14 (Surr)	*68*		*31 - 139*	*12/05/24 12:23*	*12/07/24 21:45*	*50*
Phenol-d6 (Surr)	*63*		*10 - 120*	*12/05/24 12:23*	*12/07/24 21:45*	*50*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB19-5.0
Lab Sample ID: 570-209335-23
Date Collected: 12/03/24 13:35
Matrix: Solid
Date Received: 12/03/24 17:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*	*12/05/24 12:23*	*12/07/24 22:08*	*1*
2-Fluorobiphenyl (Surr)	*71*		*14 - 142*	*12/05/24 12:23*	*12/07/24 22:08*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 123*	*12/05/24 12:23*	*12/07/24 22:08*	*1*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/05/24 12:23*	*12/07/24 22:08*	*1*
p-Terphenyl-d14 (Surr)	*82*		*31 - 139*	*12/05/24 12:23*	*12/07/24 22:08*	*1*
Phenol-d6 (Surr)	*82*		*10 - 120*	*12/05/24 12:23*	*12/07/24 22:08*	*1*

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
1,2-Dichlorobenzene	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
3-Nitroaniline	ND		0.59	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Bromophenyl phenyl ether	ND		0.59	0.087	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Chloroaniline	ND		0.59	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Acenaphthene	ND		0.59	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Anthracene	ND		0.59	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Azobenzene	ND		0.59	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzidine	ND		5.9	0.68	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzo[a]anthracene	ND		0.59	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzo[g,h,i]perylene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Chrysene	ND		0.59	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Dibenz(a,h)anthracene	ND		0.59	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Di-n-octyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Hexachlorobenzene	ND		0.59	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Isophorone	ND		0.59	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
N-Nitrosodimethylamine	ND		0.59	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Phenanthrene	ND		0.59	0.086	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Phenol	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/05/24 12:23	12/07/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 134*	*12/05/24 12:23*	*12/07/24 22:32*	*1*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*	*12/05/24 12:23*	*12/07/24 22:32*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/05/24 12:23*	*12/07/24 22:32*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/05/24 12:23*	*12/07/24 22:32*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*12/05/24 12:23*	*12/07/24 22:32*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/05/24 12:23*	*12/07/24 22:32*	*1*

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,4-Dinitrotoluene	ND		0.57	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2,6-Dinitrotoluene	ND		0.57	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Chloronaphthalene	ND		0.57	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4-Bromophenyl phenyl ether	ND		0.57	0.083	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4-Chloroaniline	ND		0.57	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Acenaphthene	ND		0.57	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Anthracene	ND		0.57	0.088	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzidine	ND		5.7	0.65	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzo[a]anthracene	ND		0.57	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzo[b]fluoranthene	ND		0.57	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Chrysene	ND		0.57	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Dibenz(a,h)anthracene	ND		0.57	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Isophorone	ND		0.57	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
N-Nitrosodi-n-propylamine	ND		0.57	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*	*12/05/24 12:23*	*12/07/24 22:55*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-25
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*12/05/24 12:23*	*12/07/24 22:55*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 123*	*12/05/24 12:23*	*12/07/24 22:55*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/05/24 12:23*	*12/07/24 22:55*	*1*
p-Terphenyl-d14 (Surr)	*81*		*31 - 139*	*12/05/24 12:23*	*12/07/24 22:55*	*1*
Phenol-d6 (Surr)	*81*		*10 - 120*	*12/05/24 12:23*	*12/07/24 22:55*	*1*

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Chloronaphthalene	ND		0.56	0.098	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Bis(2-chloroethoxy)methane	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Di-n-butyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Isophorone	ND		0.56	0.090	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/05/24 12:23	12/07/24 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/05/24 12:23*	*12/07/24 23:18*	*1*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*	*12/05/24 12:23*	*12/07/24 23:18*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 123*	*12/05/24 12:23*	*12/07/24 23:18*	*1*
Nitrobenzene-d5 (Surr)	*82*		*10 - 129*	*12/05/24 12:23*	*12/07/24 23:18*	*1*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*	*12/05/24 12:23*	*12/07/24 23:18*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*12/05/24 12:23*	*12/07/24 23:18*	*1*

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.61	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
1,2-Dichlorobenzene	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
1,3-Dichlorobenzene	ND		0.61	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
1-Methylnaphthalene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4,5-Trichlorophenol	ND		0.61	0.24	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4,6-Trichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4-Dichlorophenol	ND		0.61	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4-Dimethylphenol	ND		0.61	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,4-Dinitrotoluene	ND		0.61	0.099	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,6-Dichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2,6-Dinitrotoluene	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Chloronaphthalene	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Chlorophenol	ND		0.61	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Methylnaphthalene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Methylphenol	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Nitroaniline	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
2-Nitrophenol	ND		0.61	0.17	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
3,3'-Dichlorobenzidine	ND		3.0	0.65	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
3-Nitroaniline	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Bromophenyl phenyl ether	ND		0.61	0.089	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Chloro-3-methylphenol	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Chloroaniline	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Chlorophenyl phenyl ether	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Nitroaniline	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
4-Nitrophenol	ND		0.61	0.38	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Acenaphthene	ND		0.61	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Acenaphthylene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Aniline	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Anthracene	ND		0.61	0.094	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Azobenzene	ND		0.61	0.095	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzidine	ND		6.1	0.70	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzo[a]anthracene	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzo[a]pyrene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzo[b]fluoranthene	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzo[g,h,i]perylene	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzo[k]fluoranthene	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzoic acid	ND		3.0	0.82	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Benzyl alcohol	ND		0.61	0.20	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Bis(2-chloroethoxy)methane	ND		0.61	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
bis (2-Chloroisopropyl) ether	ND		0.61	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Bis(2-ethylhexyl) phthalate	ND		0.61	0.26	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Butyl benzyl phthalate	ND		0.61	0.28	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Chrysene	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Dibenz(a,h)anthracene	ND		0.61	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Dibenzofuran	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Diethyl phthalate	ND		0.61	0.14	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Dimethyl phthalate	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.61	0.13	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Di-n-octyl phthalate	ND		0.61	0.28	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Fluoranthene	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Fluorene	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Hexachloro-1,3-butadiene	ND		0.61	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Hexachlorobenzene	ND		0.61	0.097	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Hexachloroethane	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Indeno[1,2,3-cd]pyrene	ND		0.61	0.15	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Isophorone	ND		0.61	0.096	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Naphthalene	ND		0.61	0.17	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
N-Nitrosodimethylamine	ND		0.61	0.11	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
N-Nitrosodi-n-propylamine	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.61	0.10	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Phenanthrene	ND		0.61	0.088	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Phenol	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Pyrene	ND		0.61	0.12	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1
Pyridine	ND		0.61	0.29	mg/Kg	☼	12/05/24 12:23	12/07/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 134*	*12/05/24 12:23*	*12/07/24 23:42*	*1*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*	*12/05/24 12:23*	*12/07/24 23:42*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 123*	*12/05/24 12:23*	*12/07/24 23:42*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/05/24 12:23*	*12/07/24 23:42*	*1*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*	*12/05/24 12:23*	*12/07/24 23:42*	*1*
Phenol-d6 (Surr)	*65*		*10 - 120*	*12/05/24 12:23*	*12/07/24 23:42*	*1*

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.79	ug/L		12/05/24 09:15	12/09/24 15:58	1
1,2-Dichlorobenzene	ND		10	0.61	ug/L		12/05/24 09:15	12/09/24 15:58	1
1,3-Dichlorobenzene	ND		10	0.78	ug/L		12/05/24 09:15	12/09/24 15:58	1
1,4-Dichlorobenzene	ND		10	0.72	ug/L		12/05/24 09:15	12/09/24 15:58	1
1-Methylnaphthalene	ND		10	0.98	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4-Dimethylphenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4-Dinitrophenol	ND		51	13	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,4-Dinitrotoluene	ND	*1	10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,6-Dichlorophenol	ND		10	1.6	ug/L		12/05/24 09:15	12/09/24 15:58	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
2-Chloronaphthalene	ND		10	0.71	ug/L		12/05/24 09:15	12/09/24 15:58	1
2-Chlorophenol	ND		10	0.98	ug/L		12/05/24 09:15	12/09/24 15:58	1
2-Methylnaphthalene	ND		10	0.90	ug/L		12/05/24 09:15	12/09/24 15:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		10	0.82	ug/L		12/05/24 09:15	12/09/24 15:58	1
2-Nitroaniline	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
2-Nitrophenol	ND	*1	10	2.4	ug/L		12/05/24 09:15	12/09/24 15:58	1
3,3'-Dichlorobenzidine	ND	*1	10	2.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
3/4-Methylphenol	ND		10	0.78	ug/L		12/05/24 09:15	12/09/24 15:58	1
3-Nitroaniline	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 15:58	1
4,6-Dinitro-2-methylphenol	ND		51	12	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Bromophenyl phenyl ether	ND	*1	10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Chloroaniline	ND	*1	10	0.95	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Chlorophenyl phenyl ether	ND	*1	10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Nitroaniline	ND		10	2.8	ug/L		12/05/24 09:15	12/09/24 15:58	1
4-Nitrophenol	ND		10	3.8	ug/L		12/05/24 09:15	12/09/24 15:58	1
Acenaphthene	ND	*1	10	0.93	ug/L		12/05/24 09:15	12/09/24 15:58	1
Acenaphthylene	ND	*1	10	0.89	ug/L		12/05/24 09:15	12/09/24 15:58	1
Aniline	ND	*1	10	0.81	ug/L		12/05/24 09:15	12/09/24 15:58	1
Anthracene	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 15:58	1
Azobenzene	ND	*1	10	0.76	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzidine	ND	*1	51	12	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzo[a]anthracene	ND	*1	10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzo[b]fluoranthene	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzo[g,h,i]perylene	ND	*1	10	1.9	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzo[k]fluoranthene	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzoic acid	ND	*1	51	15	ug/L		12/05/24 09:15	12/09/24 15:58	1
Benzyl alcohol	ND		10	2.6	ug/L		12/05/24 09:15	12/09/24 15:58	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 15:58	1
Bis(2-chloroethyl)ether	ND		26	7.9	ug/L		12/05/24 09:15	12/09/24 15:58	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Bis(2-ethylhexyl) phthalate	ND	*1	10	5.0	ug/L		12/05/24 09:15	12/09/24 15:58	1
Butyl benzyl phthalate	ND		10	4.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
Chrysene	ND	*1	10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
Dibenz(a,h)anthracene	ND	*1	10	1.9	ug/L		12/05/24 09:15	12/09/24 15:58	1
Dibenzofuran	ND	*1	10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
Diethyl phthalate	ND	*1	10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Dimethyl phthalate	ND		10	0.96	ug/L		12/05/24 09:15	12/09/24 15:58	1
Di-n-butyl phthalate	ND	*1	10	1.4	ug/L		12/05/24 09:15	12/09/24 15:58	1
Di-n-octyl phthalate	ND	*1	10	4.7	ug/L		12/05/24 09:15	12/09/24 15:58	1
Fluoranthene	ND	*1	10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Fluorene	ND		10	0.96	ug/L		12/05/24 09:15	12/09/24 15:58	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
Hexachlorobenzene	ND		10	0.92	ug/L		12/05/24 09:15	12/09/24 15:58	1
Hexachlorocyclopentadiene	ND		26	3.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
Hexachloroethane	ND		10	0.91	ug/L		12/05/24 09:15	12/09/24 15:58	1
Indeno[1,2,3-cd]pyrene	ND		10	3.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Isophorone	ND	*1	10	1.5	ug/L		12/05/24 09:15	12/09/24 15:58	1
Naphthalene	ND		10	3.7	ug/L		12/05/24 09:15	12/09/24 15:58	1
Nitrobenzene	ND		26	7.7	ug/L		12/05/24 09:15	12/09/24 15:58	1
N-Nitrosodimethylamine	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 15:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND	*1	10	1.1	ug/L		12/05/24 09:15	12/09/24 15:58	1
n-Nitrosodiphenylamine(as diphenylamine)	ND	*1	10	1.3	ug/L		12/05/24 09:15	12/09/24 15:58	1
Pentachlorophenol	ND	*1	10	5.0	ug/L		12/05/24 09:15	12/09/24 15:58	1
Phenanthrene	ND	*1	10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Phenol	ND		10	0.44	ug/L		12/05/24 09:15	12/09/24 15:58	1
Pyrene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 15:58	1
Pyridine	ND	*- *1	10	1.5	ug/L		12/05/24 09:15	12/09/24 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*124*		*27 - 140*	*12/05/24 09:15*	*12/09/24 15:58*	*1*
2-Fluorobiphenyl (Surr)	*90*		*28 - 120*	*12/05/24 09:15*	*12/09/24 15:58*	*1*
2-Fluorophenol (Surr)	*53*		*20 - 120*	*12/05/24 09:15*	*12/09/24 15:58*	*1*
Nitrobenzene-d5 (Surr)	*79*		*31 - 120*	*12/05/24 09:15*	*12/09/24 15:58*	*1*
p-Terphenyl-d14 (Surr)	*91*		*45 - 136*	*12/05/24 09:15*	*12/09/24 15:58*	*1*
Phenol-d6 (Surr)	*29*		*20 - 120*	*12/05/24 09:15*	*12/09/24 15:58*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.088	0.039	mg/Kg	☼	12/04/24 19:13	12/07/24 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*	*12/04/24 19:13*	*12/07/24 14:37*	*1*

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**2.0**		0.11	0.048	mg/Kg	☼	12/04/24 19:13	12/07/24 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*205*	*S1+*	*42 - 126*	*12/04/24 19:13*	*12/07/24 14:56*	*1*

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.097**	**J**	0.11	0.048	mg/Kg	☼	12/04/24 19:13	12/07/24 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*42 - 126*	*12/04/24 19:13*	*12/07/24 15:15*	*1*

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**88**		11	4.9	mg/Kg	☼	12/04/24 19:13	12/07/24 21:02	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*42 - 126*	*12/04/24 19:13*	*12/07/24 21:02*	*100*

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.060**	**J**	0.11	0.047	mg/Kg	☼	12/04/24 19:13	12/07/24 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*42 - 126*	*12/04/24 19:13*	*12/07/24 15:34*	*1*

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.051	mg/Kg	☼	12/04/24 19:13	12/07/24 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*	*12/04/24 19:13*	*12/07/24 15:52*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**16**		2.2	0.98	mg/Kg	☼	12/04/24 19:13	12/08/24 19:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*	*12/04/24 19:13*	*12/08/24 19:15*	*20*

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.046	mg/Kg	☼	12/04/24 19:13	12/07/24 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*	*12/04/24 19:13*	*12/07/24 16:11*	*1*

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/04/24 19:13	12/07/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*42 - 126*	*12/04/24 19:13*	*12/07/24 17:08*	*1*

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/04/24 19:13	12/07/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*	*12/04/24 19:13*	*12/07/24 16:30*	*1*

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.71**		0.11	0.049	mg/Kg	☼	12/04/24 19:13	12/07/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*42 - 126*	*12/04/24 19:13*	*12/07/24 16:49*	*1*

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.054	mg/Kg	☼	12/04/24 19:13	12/07/24 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*42 - 126*	*12/04/24 19:13*	*12/07/24 18:32*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	4.0		0.11	0.047	mg/Kg	☼	12/04/24 19:13	12/07/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*42 - 126*	*12/04/24 19:13*	*12/07/24 18:51*	*1*

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.15		0.11	0.046	mg/Kg	☼	12/04/24 19:13	12/07/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*42 - 126*	*12/04/24 19:13*	*12/07/24 19:10*	*1*

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/04/24 19:13	12/07/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*42 - 126*	*12/04/24 19:13*	*12/07/24 19:28*	*1*

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/04/24 19:13	12/07/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*	*12/04/24 19:13*	*12/07/24 19:47*	*1*

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.097	0.043	mg/Kg	☼	12/04/24 19:13	12/07/24 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*42 - 126*	*12/04/24 19:13*	*12/07/24 20:06*	*1*

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.20		0.13	0.057	mg/Kg	☼	12/04/24 19:13	12/07/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*42 - 126*	*12/04/24 19:13*	*12/07/24 20:25*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	4.9		0.095	0.042	mg/Kg	☼	12/04/24 19:13	12/07/24 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*42 - 126*	*12/04/24 19:13*	*12/07/24 23:15*	*1*

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.14	0.061	mg/Kg	☼	12/04/24 19:13	12/07/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*42 - 126*	*12/04/24 19:13*	*12/07/24 23:34*	*1*

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/04/24 19:14	12/07/24 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*42 - 126*	*12/04/24 19:14*	*12/07/24 23:53*	*1*

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.52		0.12	0.052	mg/Kg	☼	12/04/24 19:14	12/08/24 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*42 - 126*	*12/04/24 19:14*	*12/08/24 00:11*	*1*

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.062	J	0.11	0.048	mg/Kg	☼	12/04/24 19:14	12/08/24 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*	*12/04/24 19:14*	*12/08/24 00:30*	*1*

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.051	mg/Kg	☼	12/04/24 19:14	12/08/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*42 - 126*	*12/04/24 19:14*	*12/08/24 00:49*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.049	mg/Kg	☼	12/04/24 19:14	12/08/24 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*42 - 126*	*12/04/24 19:14*	*12/08/24 01:08*	*1*

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.049	mg/Kg	☼	12/04/24 19:14	12/08/24 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*42 - 126*	*12/04/24 19:14*	*12/08/24 01:27*	*1*

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.097	0.043	mg/Kg	☼	12/04/24 19:14	12/08/24 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*	*12/04/24 19:14*	*12/08/24 01:46*	*1*

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*20 - 144*		*12/10/24 01:03*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	68		56	51	mg/Kg	☼	12/05/24 20:00	12/07/24 04:10	10
C23-C40	290		56	51	mg/Kg	☼	12/05/24 20:00	12/07/24 04:10	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*12/05/24 20:00*	*12/07/24 04:10*	*10*

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	84		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 04:33	1
C23-C40	82		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*12/05/24 20:00*	*12/07/24 04:33*	*1*

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.4	5.8	mg/Kg	☼	12/05/24 20:00	12/07/24 04:55	1
C23-C40	ND		6.4	5.8	mg/Kg	☼	12/05/24 20:00	12/07/24 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*12/05/24 20:00*	*12/07/24 04:55*	*1*

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	3900		58	53	mg/Kg	☼	12/05/24 20:00	12/07/24 05:19	10
C23-C40	3200		58	53	mg/Kg	☼	12/05/24 20:00	12/07/24 05:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 138*	*12/05/24 20:00*	*12/07/24 05:19*	*10*

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	6.5		6.2	5.7	mg/Kg	☼	12/05/24 20:00	12/07/24 05:41	1
C23-C40	8.4		6.2	5.7	mg/Kg	☼	12/05/24 20:00	12/07/24 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*12/05/24 20:00*	*12/07/24 05:41*	*1*

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.4	5.8	mg/Kg	☼	12/05/24 20:00	12/07/24 06:05	1
C23-C40	ND		6.4	5.8	mg/Kg	☼	12/05/24 20:00	12/07/24 06:05	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	86		60 - 138	12/05/24 20:00	12/07/24 06:05	1

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	4100		62	56	mg/Kg	☼	12/05/24 20:00	12/07/24 06:28	10
C23-C40	3900		62	56	mg/Kg	☼	12/05/24 20:00	12/07/24 06:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	101		60 - 138	12/05/24 20:00	12/07/24 06:28	10

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	60		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 06:51	1
C23-C40	100		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	92		60 - 138	12/05/24 20:00	12/07/24 06:51	1

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		7.0	6.4	mg/Kg	☼	12/05/24 20:00	12/07/24 07:14	1
C23-C40	ND		7.0	6.4	mg/Kg	☼	12/05/24 20:00	12/07/24 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	92		60 - 138	12/05/24 20:00	12/07/24 07:14	1

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	47		5.4	4.9	mg/Kg	☼	12/05/24 20:00	12/07/24 07:37	1
C23-C40	150		5.4	4.9	mg/Kg	☼	12/05/24 20:00	12/07/24 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/05/24 20:00	12/07/24 07:37	1

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	24		5.8	5.3	mg/Kg	☼	12/05/24 20:00	12/07/24 08:00	1
C23-C40	35		5.8	5.3	mg/Kg	☼	12/05/24 20:00	12/07/24 08:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	90		60 - 138	12/05/24 20:00	12/07/24 08:00	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.7	6.1	mg/Kg	☼	12/05/24 20:00	12/07/24 08:23	1
C23-C40	ND		6.7	6.1	mg/Kg	☼	12/05/24 20:00	12/07/24 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*12/05/24 20:00*	*12/07/24 08:23*	*1*

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**1600**		57	52	mg/Kg	☼	12/05/24 20:00	12/07/24 08:46	10
C23-C40	**1900**		57	52	mg/Kg	☼	12/05/24 20:00	12/07/24 08:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*60 - 138*	*12/05/24 20:00*	*12/07/24 08:46*	*10*

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**120**		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 09:09	1
C23-C40	**180**		6.0	5.5	mg/Kg	☼	12/05/24 20:00	12/07/24 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*60 - 138*	*12/05/24 20:00*	*12/07/24 09:09*	*1*

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.3	mg/Kg	☼	12/05/24 20:00	12/07/24 09:32	1
C23-C40	ND		5.7	5.3	mg/Kg	☼	12/05/24 20:00	12/07/24 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/05/24 20:00*	*12/07/24 09:32*	*1*

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**240**		28	26	mg/Kg	☼	12/05/24 10:33	12/06/24 07:50	5
C23-C40	**730**		28	26	mg/Kg	☼	12/05/24 10:33	12/06/24 07:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*60 - 138*	*12/05/24 10:33*	*12/06/24 07:50*	*5*

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**12**		5.8	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 08:14	1
C23-C40	**24**		5.8	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 08:14	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*96*		*60 - 138*	*12/05/24 10:33*	*12/06/24 08:14*	*1*

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**25**		6.3	5.8	mg/Kg	☼	12/05/24 10:33	12/06/24 08:36	1
C23-C40	ND		6.3	5.8	mg/Kg	☼	12/05/24 10:33	12/06/24 08:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*92*		*60 - 138*	*12/05/24 10:33*	*12/06/24 08:36*	*1*

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**520**		28	26	mg/Kg	☼	12/05/24 10:33	12/06/24 09:00	5
C23-C40	**1800**		28	26	mg/Kg	☼	12/05/24 10:33	12/06/24 09:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*99*		*60 - 138*	*12/05/24 10:33*	*12/06/24 09:00*	*5*

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 22:24	1
C23-C40	**8.2**		5.7	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*88*		*60 - 138*	*12/05/24 10:33*	*12/06/24 22:24*	*1*

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/05/24 10:33	12/06/24 22:47	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/05/24 10:33	12/06/24 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*92*		*60 - 138*	*12/05/24 10:33*	*12/06/24 22:47*	*1*

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**2900**		270	250	mg/Kg	☼	12/05/24 10:33	12/06/24 23:10	50
C23-C40	**4300**		270	250	mg/Kg	☼	12/05/24 10:33	12/06/24 23:10	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*98*		*60 - 138*	*12/05/24 10:33*	*12/06/24 23:10*	*50*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	17		5.8	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 23:33	1
C23-C40	30		5.8	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*12/05/24 10:33*	*12/06/24 23:33*	*1*

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 23:56	1
C23-C40	ND		5.7	5.3	mg/Kg	☼	12/05/24 10:33	12/06/24 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*60 - 138*	*12/05/24 10:33*	*12/06/24 23:56*	*1*

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/05/24 10:33	12/07/24 00:19	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/05/24 10:33	12/07/24 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 138*	*12/05/24 10:33*	*12/07/24 00:19*	*1*

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.2	mg/Kg	☼	12/05/24 10:33	12/07/24 01:28	1
C23-C40	ND		5.7	5.2	mg/Kg	☼	12/05/24 10:33	12/07/24 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 138*	*12/05/24 10:33*	*12/07/24 01:28*	*1*

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.0	5.4	mg/Kg	☼	12/05/24 10:33	12/07/24 01:51	1
C23-C40	ND		6.0	5.4	mg/Kg	☼	12/05/24 10:33	12/07/24 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/05/24 10:33*	*12/07/24 01:51*	*1*

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		52	44	ug/L		12/05/24 13:18	12/06/24 11:27	1
C23-C40	ND		52	44	ug/L		12/05/24 13:18	12/06/24 11:27	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	137		53 - 151	12/05/24 13:18	12/06/24 11:27	1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	11.3	6.37	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Arsenic	**13.2**		3.38	2.18	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Barium	**2390**		2.25	0.332	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Beryllium	**0.383**	**J**	0.450	0.106	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Cadmium	ND		0.450	0.172	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Chromium	**39.1**		1.13	0.598	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Cobalt	**4.82**		2.25	0.480	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Copper	**13.9**		2.25	0.640	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Lead	**21.4**		2.25	1.49	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Molybdenum	ND		4.50	1.10	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Nickel	**12.1**		2.25	1.28	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Selenium	ND		3.38	1.76	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Silver	ND		2.25	0.478	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Thallium	ND		11.3	3.21	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Vanadium	**25.5**		4.50	0.986	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2
Zinc	**54.1**		4.50	1.84	mg/Kg	☼	12/06/24 10:16	12/07/24 06:33	2

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	6.79	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Arsenic	**4.76**		3.60	2.33	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Barium	**210**		2.40	0.354	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Beryllium	**0.913**		0.480	0.113	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Cadmium	ND		0.480	0.184	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Chromium	**32.1**		1.20	0.638	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Cobalt	**10.0**		2.40	0.512	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Copper	**19.2**		2.40	0.683	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Lead	**10.1**		2.40	1.59	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Molybdenum	ND		4.80	1.18	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Nickel	**20.0**		2.40	1.36	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Selenium	ND		3.60	1.88	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Silver	ND		2.40	0.510	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Thallium	ND		12.0	3.43	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Vanadium	**51.2**		4.80	1.05	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2
Zinc	**74.2**		4.80	1.96	mg/Kg	☼	12/06/24 10:16	12/07/24 06:42	2

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.0	7.35	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Arsenic	**8.50**		3.90	2.52	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Barium	**124**		2.60	0.383	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Beryllium	**1.38**		0.520	0.122	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Cadmium	ND		0.520	0.199	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Chromium	**31.6**		1.30	0.690	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Cobalt	**14.9**		2.60	0.554	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Copper	**33.8**		2.60	0.740	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13.2**		2.60	1.72	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Molybdenum	ND		5.20	1.27	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Nickel	**30.0**		2.60	1.48	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Selenium	ND		3.90	2.04	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Silver	ND		2.60	0.552	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Thallium	ND		13.0	3.71	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Vanadium	**50.6**		5.20	1.14	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2
Zinc	**91.1**		5.20	2.12	mg/Kg	☼	12/06/24 10:16	12/07/24 06:44	2

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.32	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Arsenic	**11.7**		3.35	2.17	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Barium	**3020**		2.23	0.330	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Beryllium	**0.290**	**J**	0.447	0.105	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Cadmium	**0.223**	**J**	0.447	0.171	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Chromium	**24.6**		1.12	0.593	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Cobalt	**3.87**		2.23	0.476	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Copper	**13.3**		2.23	0.636	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Lead	**22.7**		2.23	1.48	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Molybdenum	**1.77**	**J**	4.47	1.09	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Nickel	**11.8**		2.23	1.27	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Selenium	ND		3.35	1.75	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Silver	ND		2.23	0.475	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Thallium	ND		11.2	3.19	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Vanadium	**22.4**		4.47	0.979	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2
Zinc	**51.3**		4.47	1.82	mg/Kg	☼	12/06/24 10:16	12/07/24 06:51	2

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	6.77	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Arsenic	**4.57**		3.59	2.32	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Barium	**199**		2.39	0.353	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Beryllium	**0.741**		0.478	0.112	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Cadmium	**0.239**	**J**	0.478	0.183	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Chromium	**28.1**		1.20	0.635	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Cobalt	**12.2**		2.39	0.509	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Copper	**17.6**		2.39	0.680	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Lead	**8.11**		2.39	1.58	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Molybdenum	ND		4.78	1.17	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Nickel	**21.1**		2.39	1.36	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Selenium	ND		3.59	1.87	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Silver	ND		2.39	0.508	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Thallium	ND		12.0	3.42	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Vanadium	**49.4**		4.78	1.05	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2
Zinc	**51.5**		4.78	1.95	mg/Kg	☼	12/06/24 10:16	12/07/24 06:53	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.3	6.98	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Arsenic	**4.96**		3.70	2.40	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Barium	**94.0**		2.47	0.364	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Beryllium	**0.691**		0.494	0.116	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Cadmium	ND		0.494	0.189	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Chromium	**25.7**		1.23	0.655	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Cobalt	**7.33**		2.47	0.526	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Copper	**17.7**		2.47	0.702	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Lead	**6.37**		2.47	1.63	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Molybdenum	ND		4.94	1.21	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Nickel	**17.6**		2.47	1.40	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Selenium	ND		3.70	1.93	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Silver	ND		2.47	0.525	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Thallium	ND		12.3	3.52	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Vanadium	**56.3**		4.94	1.08	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2
Zinc	**62.1**		4.94	2.01	mg/Kg	☼	12/06/24 10:16	12/07/24 06:56	2

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.74	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Arsenic	**11.3**		3.57	2.31	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Barium	**476**		2.38	0.351	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Beryllium	**0.476**		0.476	0.112	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Cadmium	ND		0.476	0.182	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Chromium	**26.1**		1.19	0.633	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Cobalt	**6.36**		2.38	0.507	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Copper	**15.7**		2.38	0.678	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Lead	**14.2**		2.38	1.58	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Molybdenum	ND		4.76	1.17	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Nickel	**14.9**		2.38	1.35	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Selenium	ND		3.57	1.87	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Silver	ND		2.38	0.506	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Thallium	ND		11.9	3.40	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Vanadium	**38.6**		4.76	1.04	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2
Zinc	**61.8**		4.76	1.94	mg/Kg	☼	12/06/24 10:16	12/07/24 06:58	2

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.21	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Arsenic	**6.41**		3.29	2.13	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Barium	**142**		2.19	0.324	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Beryllium	**0.965**		0.439	0.103	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Cadmium	ND		0.439	0.168	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Chromium	**33.8**		1.10	0.582	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Cobalt	**9.57**		2.19	0.467	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Copper	**20.1**		2.19	0.624	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.45**		2.19	1.45	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Molybdenum	ND		4.39	1.08	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Nickel	**21.1**		2.19	1.25	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Selenium	ND		3.29	1.72	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Silver	ND		2.19	0.466	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Thallium	ND		11.0	3.13	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Vanadium	**55.3**		4.39	0.961	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2
Zinc	**62.8**		4.39	1.79	mg/Kg	☼	12/06/24 10:16	12/07/24 07:00	2

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.4	7.03	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Arsenic	**6.56**		3.73	2.41	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Barium	**59.2**		2.48	0.366	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Beryllium	**1.22**		0.497	0.117	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Cadmium	**0.224**	**J**	0.497	0.190	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Chromium	**27.0**		1.24	0.659	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Cobalt	**9.14**		2.48	0.529	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Copper	**23.2**		2.48	0.707	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Lead	**9.61**		2.48	1.64	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Molybdenum	ND		4.97	1.22	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Nickel	**19.7**		2.48	1.41	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Selenium	ND		3.73	1.94	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Silver	ND		2.48	0.528	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Thallium	ND		12.4	3.55	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Vanadium	**47.8**		4.97	1.09	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2
Zinc	**67.5**		4.97	2.03	mg/Kg	☼	12/06/24 10:16	12/07/24 07:03	2

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.89	5.59	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Arsenic	**6.96**		2.97	1.92	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Barium	**195**		1.98	0.292	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Beryllium	**0.257**	**J**	0.396	0.0930	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Cadmium	ND		0.396	0.151	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Chromium	**9.20**		0.989	0.525	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Cobalt	**3.03**		1.98	0.421	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Copper	**6.92**		1.98	0.563	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Lead	**4.96**		1.98	1.31	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Molybdenum	ND		3.96	0.969	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Nickel	**6.72**		1.98	1.12	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Selenium	ND		2.97	1.55	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Silver	ND		1.98	0.420	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Thallium	ND		9.89	2.82	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Vanadium	**20.3**		3.96	0.866	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2
Zinc	**22.2**		3.96	1.61	mg/Kg	☼	12/06/24 10:16	12/07/24 07:05	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.45	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Arsenic	**4.69**		3.42	2.21	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Barium	**70.1**		2.28	0.336	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Beryllium	**0.479**		0.456	0.107	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Cadmium	ND		0.456	0.174	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Chromium	**18.5**		1.14	0.605	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Cobalt	**7.91**		2.28	0.485	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Copper	**11.8**		2.28	0.648	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Lead	**5.29**		2.28	1.51	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Nickel	**15.7**		2.28	1.29	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Selenium	ND		3.42	1.78	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Silver	ND		2.28	0.484	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Thallium	ND		11.4	3.25	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Vanadium	**33.0**		4.56	0.998	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2
Zinc	**37.2**		4.56	1.86	mg/Kg	☼	12/06/24 10:16	12/07/24 07:07	2

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		14.5	8.22	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Arsenic	**10.9**		4.36	2.82	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Barium	**71.9**		2.90	0.428	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Beryllium	**1.07**		0.581	0.136	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Cadmium	ND		0.581	0.222	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Chromium	**36.6**		1.45	0.771	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Cobalt	**18.8**		2.90	0.619	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Copper	**39.1**		2.90	0.826	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Lead	**17.0**		2.90	1.92	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Molybdenum	ND		5.81	1.42	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Nickel	**24.4**		2.90	1.65	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Selenium	ND		4.36	2.27	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Silver	ND		2.90	0.617	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Thallium	ND		14.5	4.15	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Vanadium	**60.8**		5.81	1.27	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2
Zinc	**94.7**		5.81	2.37	mg/Kg	☼	12/06/24 10:16	12/07/24 07:10	2

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.7	6.05	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Arsenic	**4.49**		3.21	2.08	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Barium	**2250**		2.14	0.315	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Beryllium	**0.257**	**J**	0.428	0.101	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Cadmium	**0.192**	**J**	0.428	0.164	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Chromium	**27.4**		1.07	0.568	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Cobalt	**4.23**		2.14	0.455	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Copper	**12.1**		2.14	0.608	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**16.1**		2.14	1.41	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Molybdenum	**1.09**	**J**	4.28	1.05	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Nickel	**11.8**		2.14	1.21	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Selenium	ND		3.21	1.67	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Silver	ND		2.14	0.454	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Thallium	ND		10.7	3.05	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Vanadium	**22.8**		4.28	0.937	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2
Zinc	**51.8**		4.28	1.74	mg/Kg	☼	12/06/24 10:16	12/07/24 07:12	2

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.4	7.00	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Arsenic	**6.09**		3.71	2.40	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Barium	**297**		2.47	0.365	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Beryllium	**0.841**		0.495	0.116	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Cadmium	ND		0.495	0.189	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Chromium	**30.3**		1.24	0.657	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Cobalt	**10.6**		2.47	0.527	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Copper	**19.2**		2.47	0.704	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Lead	**9.55**		2.47	1.64	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Molybdenum	ND		4.95	1.21	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Nickel	**21.3**		2.47	1.41	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Selenium	ND		3.71	1.94	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Silver	ND		2.47	0.526	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Thallium	ND		12.4	3.53	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Vanadium	**52.0**		4.95	1.08	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2
Zinc	**63.4**		4.95	2.02	mg/Kg	☼	12/06/24 10:16	12/09/24 18:53	2

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.71	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Arsenic	ND		3.56	2.30	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Barium	**43.5**		2.37	0.350	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Beryllium	**0.522**		0.475	0.112	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Cadmium	ND		0.475	0.182	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Chromium	**17.3**		1.19	0.630	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Cobalt	**6.50**		2.37	0.505	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Copper	**13.7**		2.37	0.675	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Lead	**5.13**		2.37	1.57	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Molybdenum	ND		4.75	1.16	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Nickel	**13.8**		2.37	1.35	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Selenium	ND		3.56	1.86	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Silver	ND		2.37	0.504	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Thallium	ND		11.9	3.39	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Vanadium	**39.5**		4.75	1.04	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2
Zinc	**47.4**		4.75	1.94	mg/Kg	☼	12/06/24 10:16	12/07/24 07:21	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.31	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Arsenic	**10.6**		3.35	2.17	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Barium	**3370**		2.23	0.329	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Beryllium	**0.402**	**J**	0.446	0.105	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Cadmium	**0.179**	**J**	0.446	0.171	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Chromium	**25.3**		1.12	0.592	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Cobalt	**5.00**		2.23	0.475	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Copper	**18.1**		2.23	0.635	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Lead	**33.6**		2.23	1.48	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Molybdenum	**1.23**	**J**	4.46	1.09	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Nickel	**15.2**		2.23	1.27	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Selenium	ND		3.35	1.75	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Silver	ND		2.23	0.474	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Thallium	ND		11.2	3.19	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Vanadium	**29.1**		4.46	0.977	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2
Zinc	**72.8**		4.46	1.82	mg/Kg	☼	12/06/24 10:16	12/07/24 07:23	2

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	6.70	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Arsenic	**5.61**		3.55	2.30	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Barium	**159**		2.37	0.349	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Beryllium	**0.687**		0.474	0.111	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Cadmium	**0.308**	**J**	0.474	0.181	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Chromium	**25.8**		1.18	0.629	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Cobalt	**13.1**		2.37	0.504	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Copper	**16.5**		2.37	0.674	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Lead	**7.96**		2.37	1.57	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Molybdenum	ND		4.74	1.16	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Nickel	**19.5**		2.37	1.35	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Selenium	ND		3.55	1.85	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Silver	ND		2.37	0.503	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Thallium	ND		11.8	3.38	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Vanadium	**46.0**		4.74	1.04	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2
Zinc	**48.5**		4.74	1.93	mg/Kg	☼	12/06/24 10:16	12/07/24 07:26	2

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.6	7.13	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Arsenic	**7.26**		3.78	2.45	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Barium	**70.2**		2.52	0.372	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Beryllium	**0.580**		0.504	0.118	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Cadmium	ND		0.504	0.193	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Chromium	**22.1**		1.26	0.669	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Cobalt	**12.3**		2.52	0.537	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Copper	**15.6**		2.52	0.717	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.28		2.52	1.67	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Molybdenum	1.24	J	5.04	1.24	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Nickel	18.6		2.52	1.43	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Selenium	ND		3.78	1.97	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Silver	ND		2.52	0.536	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Thallium	ND		12.6	3.60	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Vanadium	39.5		5.04	1.10	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2
Zinc	60.7		5.04	2.06	mg/Kg	☼	12/06/24 10:16	12/07/24 07:28	2

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.45	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Arsenic	10.0		3.42	2.21	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Barium	112		2.28	0.336	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Beryllium	0.433	J	0.456	0.107	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Cadmium	ND		0.456	0.175	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Chromium	17.2		1.14	0.606	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Cobalt	6.23		2.28	0.486	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Copper	36.1		2.28	0.649	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Lead	31.0		2.28	1.51	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Nickel	12.2		2.28	1.30	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Selenium	ND		3.42	1.79	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Silver	ND		2.28	0.485	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Thallium	ND		11.4	3.26	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Vanadium	34.7		4.56	0.999	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2
Zinc	68.1		4.56	1.86	mg/Kg	☼	12/06/24 10:16	12/07/24 07:30	2

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.8	6.13	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Arsenic	4.25		3.25	2.10	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Barium	112		2.17	0.320	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Beryllium	0.889		0.433	0.102	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Cadmium	ND		0.433	0.166	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Chromium	30.8		1.08	0.575	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Cobalt	10.9		2.17	0.462	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Copper	20.6		2.17	0.617	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Lead	7.87		2.17	1.43	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Molybdenum	ND		4.33	1.06	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Nickel	20.0		2.17	1.23	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Selenium	ND		3.25	1.70	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Silver	ND		2.17	0.461	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Thallium	ND		10.8	3.10	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Vanadium	46.9		4.33	0.949	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2
Zinc	63.9		4.33	1.77	mg/Kg	☼	12/06/24 10:16	12/07/24 07:33	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1 F2	10.8	6.12	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Arsenic	**4.80**		3.24	2.10	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Barium	**55.0**		2.16	0.319	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Beryllium	**0.432**		0.432	0.102	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Cadmium	ND		0.432	0.165	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Chromium	**16.2**		1.08	0.574	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Cobalt	**3.80**		2.16	0.460	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Copper	**10.8**		2.16	0.615	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Lead	**4.71**		2.16	1.43	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Molybdenum	ND		4.32	1.06	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Nickel	**9.12**		2.16	1.23	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Selenium	ND		3.24	1.69	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Silver	ND		2.16	0.459	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Thallium	ND		10.8	3.09	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Vanadium	**40.6**		4.32	0.947	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2
Zinc	**39.3**		4.32	1.76	mg/Kg	☼	12/06/24 10:34	12/07/24 05:47	2

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.4	5.89	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Arsenic	**6.96**		3.12	2.02	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Barium	**814**		2.08	0.307	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Beryllium	**0.333**	**J**	0.417	0.0979	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Cadmium	ND		0.417	0.159	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Chromium	**22.3**		1.04	0.553	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Cobalt	**4.08**		2.08	0.444	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Copper	**17.5**		2.08	0.593	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Lead	**38.8**		2.08	1.38	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Molybdenum	ND		4.17	1.02	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Nickel	**16.0**		2.08	1.18	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Selenium	ND		3.12	1.63	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Silver	ND		2.08	0.443	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Thallium	ND		10.4	2.97	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Vanadium	**31.6**		4.17	0.912	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2
Zinc	**73.1**		4.17	1.70	mg/Kg	☼	12/06/24 10:34	12/07/24 06:01	2

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.74	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Arsenic	**7.10**		3.57	2.31	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Barium	**106**		2.38	0.351	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Beryllium	**0.858**		0.476	0.112	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Cadmium	ND		0.476	0.182	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Chromium	**28.7**		1.19	0.632	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Cobalt	**12.0**		2.38	0.507	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Copper	**19.2**		2.38	0.678	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.31**		2.38	1.58	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Molybdenum	ND		4.76	1.17	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Nickel	**20.1**		2.38	1.35	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Selenium	ND		3.57	1.87	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Silver	ND		2.38	0.506	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Thallium	ND		11.9	3.40	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Vanadium	**48.4**		4.76	1.04	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2
Zinc	**63.7**		4.76	1.94	mg/Kg	☼	12/06/24 10:34	12/07/24 06:03	2

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.1	6.84	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Arsenic	**4.16**		3.63	2.35	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Barium	**62.4**		2.42	0.357	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Beryllium	**0.508**		0.484	0.114	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Cadmium	ND		0.484	0.185	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Chromium	**18.4**		1.21	0.642	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Cobalt	**5.76**		2.42	0.515	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Copper	**14.9**		2.42	0.688	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Lead	**5.81**		2.42	1.60	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Molybdenum	ND		4.84	1.19	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Nickel	**12.9**		2.42	1.37	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Selenium	ND		3.63	1.89	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Silver	ND		2.42	0.514	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Thallium	ND		12.1	3.45	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Vanadium	**38.5**		4.84	1.06	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2
Zinc	**46.1**		4.84	1.97	mg/Kg	☼	12/06/24 10:34	12/07/24 06:05	2

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.2	5.77	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Arsenic	**2.79**	**J**	3.06	1.98	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Barium	**61.3**		2.04	0.301	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Beryllium	**0.408**		0.408	0.0958	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Cadmium	ND		0.408	0.156	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Chromium	**17.5**		1.02	0.541	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Cobalt	**6.69**		2.04	0.434	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Copper	**12.7**		2.04	0.580	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Lead	**4.34**		2.04	1.35	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Molybdenum	ND		4.08	0.999	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Nickel	**10.9**		2.04	1.16	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Selenium	ND		3.06	1.60	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Silver	ND		2.04	0.433	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Thallium	ND		10.2	2.91	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Vanadium	**33.9**		4.08	0.893	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2
Zinc	**36.4**		4.08	1.66	mg/Kg	☼	12/06/24 10:34	12/07/24 06:07	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.3	6.39	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Arsenic	**7.41**		3.39	2.19	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Barium	**181**		2.26	0.333	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Beryllium	**0.971**		0.452	0.106	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Cadmium	ND		0.452	0.173	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Chromium	**29.4**		1.13	0.600	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Cobalt	**11.5**		2.26	0.481	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Copper	**19.4**		2.26	0.643	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Lead	**8.97**		2.26	1.49	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Molybdenum	ND		4.52	1.11	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Nickel	**20.6**		2.26	1.28	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Selenium	ND		3.39	1.77	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Silver	ND		2.26	0.480	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Thallium	ND		11.3	3.23	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Vanadium	**54.6**		4.52	0.989	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2
Zinc	**62.2**		4.52	1.84	mg/Kg	☼	12/06/24 10:34	12/07/24 06:10	2

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.35	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Arsenic	**5.05**		3.37	2.18	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Barium	**79.0**		2.24	0.331	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Beryllium	**0.696**		0.449	0.106	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Cadmium	ND		0.449	0.172	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Chromium	**23.7**		1.12	0.596	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Cobalt	**9.50**		2.24	0.478	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Copper	**19.6**		2.24	0.639	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Lead	**7.16**		2.24	1.48	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Molybdenum	ND		4.49	1.10	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Nickel	**17.8**		2.24	1.28	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Selenium	ND		3.37	1.76	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Silver	ND		2.24	0.477	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Thallium	ND		11.2	3.21	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Vanadium	**51.0**		4.49	0.983	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2
Zinc	**63.9**		4.49	1.83	mg/Kg	☼	12/06/24 10:34	12/07/24 06:12	2

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	2.59	ug/L		12/05/24 08:59	12/07/24 00:37	1
Arsenic	ND		100	19.9	ug/L		12/05/24 08:59	12/07/24 00:37	1
Barium	ND		10.0	1.11	ug/L		12/05/24 08:59	12/07/24 00:37	1
Beryllium	ND		10.0	1.27	ug/L		12/05/24 08:59	12/07/24 00:37	1
Cadmium	ND		10.0	0.620	ug/L		12/05/24 08:59	12/07/24 00:37	1
Cobalt	ND		50.0	0.880	ug/L		12/05/24 08:59	12/07/24 00:37	1
Chromium	ND		50.0	2.96	ug/L		12/05/24 08:59	12/07/24 00:37	1
Copper	ND		50.0	2.69	ug/L		12/05/24 08:59	12/07/24 00:37	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		50.0	3.91	ug/L		12/05/24 08:59	12/07/24 00:37	1
Nickel	ND		50.0	3.07	ug/L		12/05/24 08:59	12/07/24 00:37	1
Antimony	ND		100	25.5	ug/L		12/05/24 08:59	12/07/24 00:37	1
Selenium	ND		50.0	16.2	ug/L		12/05/24 08:59	12/07/24 00:37	1
Thallium	ND		50.0	9.96	ug/L		12/05/24 08:59	12/07/24 00:37	1
Vanadium	ND		10.0	2.39	ug/L		12/05/24 08:59	12/07/24 00:37	1
Zinc	ND		250	13.3	ug/L		12/05/24 08:59	12/07/24 00:37	1
Lead	ND		50.0	5.27	ug/L		12/05/24 08:59	12/07/24 00:37	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: SW846 7470A - Mercury (CVAA)

Client Sample ID: EB20241203
Date Collected: 12/03/24 15:30
Date Received: 12/03/24 17:15

Lab Sample ID: 570-209335-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:12	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0736	J	0.0945	0.0261	mg/Kg	☼	12/06/24 08:22	12/06/24 16:58	1

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0465	J	0.105	0.0290	mg/Kg	☼	12/06/24 08:22	12/06/24 17:04	1

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.115	0.0317	mg/Kg	☼	12/06/24 08:22	12/06/24 17:06	1

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0727	J	0.0968	0.0267	mg/Kg	☼	12/06/24 08:22	12/06/24 17:12	1

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0332	J	0.111	0.0307	mg/Kg	☼	12/06/24 08:22	12/06/24 17:14	1

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0405	J	0.111	0.0307	mg/Kg	☼	12/06/24 08:22	12/06/24 17:16	1

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0731	J	0.100	0.0277	mg/Kg	☼	12/06/24 08:22	12/06/24 17:19	1

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0346	J	0.100	0.0276	mg/Kg	☼	12/06/24 08:22	12/06/24 17:21	1

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.110	0.0304	mg/Kg	☼	12/06/24 08:22	12/06/24 17:23	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0551	J	0.0930	0.0257	mg/Kg	☼	12/06/24 08:22	12/06/24 17:25	1

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0281	J	0.0925	0.0255	mg/Kg	☼	12/06/24 08:22	12/06/24 17:27	1

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.115	0.0317	mg/Kg	☼	12/06/24 08:22	12/06/24 17:29	1

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0839	J	0.0928	0.0256	mg/Kg	☼	12/06/24 08:22	12/06/24 17:31	1

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0355	J	0.0970	0.0268	mg/Kg	☼	12/06/24 08:22	12/06/24 17:37	1

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0972	0.0268	mg/Kg	☼	12/06/24 08:22	12/06/24 17:39	1

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.139		0.0953	0.0263	mg/Kg	☼	12/06/24 08:22	12/06/24 17:41	1

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0298	J	0.0972	0.0268	mg/Kg	☼	12/06/24 08:22	12/06/24 17:43	1

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0307	J	0.0995	0.0275	mg/Kg	☼	12/06/24 08:22	12/06/24 17:45	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.13		0.466	0.129	mg/Kg	☼	12/06/24 08:22	12/06/24 17:51	5

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0319	J	0.0923	0.0255	mg/Kg	☼	12/06/24 08:22	12/06/24 17:49	1

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0321	J	0.0951	0.0262	mg/Kg	☼	12/06/24 09:04	12/06/24 16:05	1

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.04		0.176	0.0486	mg/Kg	☼	12/06/24 09:04	12/06/24 17:53	2

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0371	J	0.0938	0.0259	mg/Kg	☼	12/06/24 09:04	12/06/24 16:09	1

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0489	J	0.0938	0.0259	mg/Kg	☼	12/06/24 09:04	12/06/24 16:11	1

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0279	J	0.0894	0.0247	mg/Kg	☼	12/06/24 09:04	12/06/24 16:13	1

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0868	J	0.0926	0.0255	mg/Kg	☼	12/06/24 09:04	12/06/24 16:15	1

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.102	0.0281	mg/Kg	☼	12/06/24 09:04	12/06/24 16:17	1

General Chemistry

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.8		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB17-5.0
Date Collected: 12/03/24 08:40
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.5		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB17-15.0
Date Collected: 12/03/24 08:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	22.8		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.9		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB21-5.0
Date Collected: 12/03/24 09:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	20.4		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB21-15.0
Date Collected: 12/03/24 09:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	21.9		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB23-2.0
Date Collected: 12/03/24 09:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	20.2		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB23-5.0
Date Collected: 12/03/24 10:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.7		0.100	0.100	%			12/05/24 09:56	1

General Chemistry

Client Sample ID: SB23-15.0
Date Collected: 12/03/24 10:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	28.6		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB24-2.0
Date Collected: 12/03/24 10:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.60		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB24-5.0
Date Collected: 12/03/24 10:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	15.0		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB24-15.0
Date Collected: 12/03/24 10:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	26.0		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.7		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB22-5.0
Date Collected: 12/03/24 11:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.4		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB22-15.0
Date Collected: 12/03/24 11:30
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.3		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.5		0.100	0.100	%			12/05/24 09:56	1

General Chemistry

Client Sample ID: SB18-5.0
Date Collected: 12/03/24 12:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.3		0.100	0.100	%			12/05/24 09:56	1

Client Sample ID: SB18-14.0
Date Collected: 12/03/24 12:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	21.0		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.4		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB20-5.0
Date Collected: 12/03/24 13:00
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.2		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB20-15.0
Date Collected: 12/03/24 13:15
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.6		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.94		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB19-5.0
Date Collected: 12/03/24 13:35
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.6		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB19-15.0
Date Collected: 12/03/24 13:50
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.2		0.100	0.100	%			12/05/24 11:09	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

General Chemistry

Client Sample ID: SB28-2.0
Date Collected: 12/03/24 14:45
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.0		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB28-5.0
Date Collected: 12/03/24 14:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.4		0.100	0.100	%			12/05/24 11:09	1

Client Sample ID: SB28-15.0
Date Collected: 12/03/24 15:10
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	18.0		0.100	0.100	%			12/05/24 11:09	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209335-1	SB17-2.0	123	97	106	99
570-209335-2	SB17-5.0	119	95	103	101
570-209335-3	SB17-15.0	128	104	110	103
570-209335-4	SB21-2.0	99	98	96	102
570-209335-5	SB21-5.0	118	102	103	99
570-209335-6	SB21-15.0	119	103	107	101
570-209335-7	SB23-2.0	96	99	94	102
570-209335-8	SB23-5.0	103	96	97	103
570-209335-9	SB23-15.0	109	97	101	99
570-209335-10	SB24-2.0	113	88	105	99
570-209335-11	SB24-5.0	110	96	100	100
570-209335-12	SB24-15.0	106	97	97	99
570-209335-13	SB22-2.0	96	88	90	100
570-209335-14	SB22-5.0	104	97	97	99
570-209335-15	SB22-15.0	111	99	98	98
570-209335-16	SB18-2.0	105	83	98	93
570-209335-17	SB18-5.0	106	96	97	99
570-209335-18	SB18-14.0	105	95	100	98
570-209335-19	SB20-2.0	95	97	91	101
570-209335-20	SB20-5.0	110	100	102	107
570-209335-21	SB20-15.0	108	102	103	105
570-209335-22	SB19-2.0	113	92	106	104
570-209335-23	SB19-5.0	112	97	104	104
570-209335-24	SB19-15.0	112	101	108	106
570-209335-25	SB28-2.0	104	102	100	104
570-209335-26	SB28-5.0	109	103	108	106
570-209335-27	SB28-15.0	110	100	103	105
LCS 570-510130/3	Lab Control Sample	104	100	101	100
LCS 570-510307/4	Lab Control Sample	97	95	97	100
LCS 570-510544/3	Lab Control Sample	102	100	102	98
LCS 570-510793/4	Lab Control Sample	97	101	100	98
LCS 570-511986/4	Lab Control Sample	97	96	100	100
LCSD 570-510130/4	Lab Control Sample Dup	101	100	101	100
LCSD 570-510307/5	Lab Control Sample Dup	94	95	95	99
LCSD 570-510544/4	Lab Control Sample Dup	101	102	102	97
LCSD 570-510793/5	Lab Control Sample Dup	99	99	101	96
LCSD 570-511986/5	Lab Control Sample Dup	97	97	100	100
MB 570-510130/5	Method Blank	100	98	97	99
MB 570-510130/6	Method Blank	105	100	98	100
MB 570-510307/6	Method Blank	96	95	95	98
MB 570-510307/7	Method Blank	98	97	92	98
MB 570-510544/6	Method Blank	96	98	97	107
MB 570-510793/7	Method Blank	89	97	95	106
MB 570-511986/8	Method Blank	97	93	94	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-209335-28	EB20241203	102	93	99	98
570-209335-29	TB20241203	101	94	98	98
LCS 570-510528/1002	Lab Control Sample	100	96	100	101
LCSD 570-510528/3	Lab Control Sample Dup	99	98	100	99
MB 570-510528/6	Method Blank	103	95	99	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-209335-1	SB17-2.0	101	93	83	80	124	90
570-209335-2	SB17-5.0	88	95	91	79	108	96
570-209335-3	SB17-15.0	77	87	91	86	106	91
570-209335-4	SB21-2.0	91	86	78	75	94	83
570-209335-5	SB21-5.0	87	99	80	78	86	84
570-209335-6	SB21-15.0	66	90	81	80	90	83
570-209335-7	SB23-2.0	90	88	89	75	98	93
570-209335-8	SB23-5.0	93	96	89	78	92	91
570-209335-9	SB23-15.0	64	88	84	86	94	85
570-209335-10	SB24-2.0	83	92	88	81	113	94
570-209335-11	SB24-5.0	92	92	91	79	101	94
570-209335-12	SB24-15.0	72	100	92	93	105	92
570-209335-13	SB22-2.0	81	105	87	85	102	92
570-209335-14	SB22-5.0	87	93	86	77	101	91
570-209335-15	SB22-15.0	65	94	86	87	105	89
570-209335-16	SB18-2.0	83	96	91	77	105	97
570-209335-17	SB18-5.0	73	89	86	81	102	80
570-209335-18	SB18-14.0	66	88	96	80	84	90
570-209335-19	SB20-2.0	89	90	83	79	102	85
570-209335-19 MS	SB20-2.0	85	94	86	73	98	92
570-209335-19 MSD	SB20-2.0	95	86	84	72	113	94
570-209335-20	SB20-5.0	91	80	93	86	84	90
570-209335-21	SB20-15.0	76	68	82	73	75	77
570-209335-21 MS	SB20-15.0	90	80	93	79	90	92
570-209335-21 MSD	SB20-15.0	82	78	88	76	82	89
570-209335-22	SB19-2.0	51	50	70	62	68	63
570-209335-23	SB19-5.0	81	71	85	77	82	82
570-209335-24	SB19-15.0	84	75	91	81	84	85
570-209335-25	SB28-2.0	74	74	82	80	81	81
570-209335-26	SB28-5.0	72	75	80	82	85	79
570-209335-27	SB28-15.0	56	64	65	72	72	65
LCS 570-510295/2-A	Lab Control Sample	79	89	93	78	86	100

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
LCS 570-510466/2-A	Lab Control Sample	91	81	90	79	86	89
LCSD 570-510295/3-A	Lab Control Sample Dup	77	86	90	87	85	98
LCSD 570-510466/3-A	Lab Control Sample Dup	88	80	95	77	85	94
MB 570-510295/1-A	Method Blank	92	98	98	95	87	89
MB 570-510466/1-A	Method Blank	96	77	88	86	83	83

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(27-140)	(28-120)	(20-120)	(31-120)	(45-136)	(20-120)
570-209335-28	EB20241203	124	90	53	79	91	29
LCS 570-510363/2-A	Lab Control Sample	89	68	43	59	78	28
LCSD 570-510363/3-A	Lab Control Sample Dup	112	89	49	72	98	30
MB 570-510363/1-A	Method Blank	108	80	43	75	88	24

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209335-1	SB17-2.0	87	95	89
570-209335-1 MS	SB17-2.0	86	93	90
570-209335-1 MSD	SB17-2.0	87	96	92
570-209335-2	SB17-5.0	84	97	76
570-209335-3	SB17-15.0	82	84	66
570-209335-4	SB21-2.0	93	133	82
570-209335-5	SB21-5.0	86	113	76
570-209335-6	SB21-15.0	80	88	72
570-209335-7	SB23-2.0	90	92	86
570-209335-8	SB23-5.0	81	88	77
570-209335-9	SB23-15.0	80	89	71
570-209335-10	SB24-2.0	81	93	87
570-209335-11	SB24-5.0	79	90	74

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209335-12	SB24-15.0	73	82	62
570-209335-13	SB22-2.0	88	101	80
570-209335-14	SB22-5.0	82	88	77
570-209335-15	SB22-15.0	85	94	78
570-209335-16	SB18-2.0	85	99	93
570-209335-17	SB18-5.0	81	89	76
570-209335-18	SB18-14.0	79	82	73
570-209335-19	SB20-2.0	86	97	91
570-209335-20	SB20-5.0	84	81	81
570-209335-21	SB20-15.0	81	78	77
570-209335-22	SB19-2.0	59	40	84
570-209335-23	SB19-5.0	85	83	92
570-209335-24	SB19-15.0	81	80	84
570-209335-25	SB28-2.0	75	78	79
570-209335-26	SB28-5.0	77	73	76
570-209335-27	SB28-15.0	73	67	72
570-209335-27 MS	SB28-15.0	76	71	75
570-209335-27 MSD	SB28-15.0	81	77	81
LCS 570-510294/2-A	Lab Control Sample	88	90	75
LCS 570-510467/2-A	Lab Control Sample	87	78	82
LCSD 570-510294/3-A	Lab Control Sample Dup	87	89	76
LCSD 570-510467/3-A	Lab Control Sample Dup	86	77	82
MB 570-510294/1-A	Method Blank	72	78	65
MB 570-510467/1-A	Method Blank	89	83	82

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-209335-28	EB20241203	95	100	74
LCS 570-510534/2-A	Lab Control Sample	82	83	66
LCSD 570-510534/3-A	Lab Control Sample Dup	97	93	79
MB 570-510534/1-A	Method Blank	93	97	86

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-209335-1	SB17-2.0	97
570-209335-2	SB17-5.0	205 S1+
570-209335-3	SB17-15.0	114
570-209335-4	SB21-2.0	121
570-209335-5	SB21-5.0	108
570-209335-6	SB21-15.0	106
570-209335-7	SB23-2.0	104
570-209335-8	SB23-5.0	101
570-209335-9	SB23-15.0	108
570-209335-10	SB24-2.0	104
570-209335-11	SB24-5.0	145 S1+
570-209335-12	SB24-15.0	113
570-209335-13	SB22-2.0	242 S1+
570-209335-14	SB22-5.0	117
570-209335-15	SB22-15.0	113
570-209335-16	SB18-2.0	100
570-209335-17	SB18-5.0	120
570-209335-18	SB18-14.0	117
570-209335-19	SB20-2.0	113
570-209335-20	SB20-5.0	109
570-209335-21	SB20-15.0	108
570-209335-22	SB19-2.0	98
570-209335-23	SB19-5.0	112
570-209335-24	SB19-15.0	107
570-209335-25	SB28-2.0	105
570-209335-26	SB28-5.0	110
570-209335-27	SB28-15.0	106
LCS 570-511327/3	Lab Control Sample	101
LCS 570-511367/31	Lab Control Sample	106
LCS 570-511402/3	Lab Control Sample	103
LCSD 570-511327/4	Lab Control Sample Dup	94
LCSD 570-511367/32	Lab Control Sample Dup	105
LCSD 570-511402/4	Lab Control Sample Dup	101
MB 570-511327/5	Method Blank	97
MB 570-511327/6	Method Blank	93
MB 570-511367/33	Method Blank	95
MB 570-511402/6	Method Blank	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(20-144)
570-209335-28	EB20241203	66
LCS 570-511802/31	Lab Control Sample	90
LCSD 570-511802/32	Lab Control Sample Dup	87
MB 570-511802/33	Method Blank	64

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)						
570-209335-1	SB17-2.0	91						
570-209335-2	SB17-5.0	90						
570-209335-3	SB17-15.0	87						
570-209335-4	SB21-2.0	102						
570-209335-5	SB21-5.0	89						
570-209335-6	SB21-15.0	86						
570-209335-7	SB23-2.0	101						
570-209335-8	SB23-5.0	92						
570-209335-9	SB23-15.0	92						
570-209335-10	SB24-2.0	89						
570-209335-11	SB24-5.0	90						
570-209335-12	SB24-15.0	89						
570-209335-13	SB22-2.0	98						
570-209335-14	SB22-5.0	86						
570-209335-15	SB22-15.0	88						
570-209335-16	SB18-2.0	95						
570-209335-17	SB18-5.0	96						
570-209335-18	SB18-14.0	92						
570-209335-19	SB20-2.0	99						
570-209335-20	SB20-5.0	88						
570-209335-21	SB20-15.0	92						
570-209335-22	SB19-2.0	98						
570-209335-23	SB19-5.0	90						
570-209335-24	SB19-15.0	93						
570-209335-25	SB28-2.0	92						
570-209335-26	SB28-5.0	92						
570-209335-27	SB28-15.0	88						
LCS 570-510407/2-A	Lab Control Sample	93						
LCS 570-510431/2-A	Lab Control Sample	96						
LCSD 570-510407/3-A	Lab Control Sample Dup	86						
LCSD 570-510431/3-A	Lab Control Sample Dup	94						
MB 570-510407/1-A	Method Blank	91						
MB 570-510431/1-A	Method Blank	94						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)						
570-209335-28	EB20241203	137						
LCS 570-510489/2-A	Lab Control Sample	127						
LCSD 570-510489/3-A	Lab Control Sample Dup	129						
MB 570-510489/1-A	Method Blank	134						

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510130/5
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/04/24 21:41	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/04/24 21:41	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/04/24 21:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/04/24 21:41	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/04/24 21:41	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/04/24 21:41	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/04/24 21:41	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/04/24 21:41	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/04/24 21:41	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/04/24 21:41	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/04/24 21:41	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/04/24 21:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/04/24 21:41	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/04/24 21:41	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/04/24 21:41	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/04/24 21:41	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/04/24 21:41	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/04/24 21:41	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/04/24 21:41	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/04/24 21:41	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/04/24 21:41	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/04/24 21:41	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/04/24 21:41	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/04/24 21:41	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/04/24 21:41	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/04/24 21:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/04/24 21:41	1
Acetone	ND		0.020	0.0098	mg/Kg			12/04/24 21:41	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/04/24 21:41	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/04/24 21:41	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/04/24 21:41	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/04/24 21:41	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/04/24 21:41	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/04/24 21:41	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/04/24 21:41	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/04/24 21:41	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/04/24 21:41	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/04/24 21:41	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/04/24 21:41	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/04/24 21:41	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/04/24 21:41	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/04/24 21:41	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/04/24 21:41	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/04/24 21:41	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/04/24 21:41	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/04/24 21:41	1
Ethanol	ND		0.25	0.092	mg/Kg			12/04/24 21:41	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/04/24 21:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510130/5
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/04/24 21:41	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/04/24 21:41	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/04/24 21:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/04/24 21:41	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/04/24 21:41	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/04/24 21:41	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/04/24 21:41	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/04/24 21:41	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/04/24 21:41	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/04/24 21:41	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/04/24 21:41	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/04/24 21:41	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/04/24 21:41	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/04/24 21:41	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/04/24 21:41	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/04/24 21:41	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/04/24 21:41	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/04/24 21:41	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/04/24 21:41	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/04/24 21:41	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/04/24 21:41	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/04/24 21:41	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/04/24 21:41	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/04/24 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*32 - 179*		*12/04/24 21:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/04/24 21:41*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*		*12/04/24 21:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/04/24 21:41*	*1*

Lab Sample ID: MB 570-510130/6
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/04/24 22:03	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/04/24 22:03	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/04/24 22:03	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/04/24 22:03	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/04/24 22:03	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/04/24 22:03	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/04/24 22:03	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/04/24 22:03	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/04/24 22:03	50

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510130/6
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/04/24 22:03	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/04/24 22:03	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/04/24 22:03	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/04/24 22:03	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/04/24 22:03	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/04/24 22:03	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/04/24 22:03	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/04/24 22:03	50
Acetone	ND		1.0	0.49	mg/Kg			12/04/24 22:03	50
Benzene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/04/24 22:03	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/04/24 22:03	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/04/24 22:03	50
Bromoform	ND		0.25	0.066	mg/Kg			12/04/24 22:03	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/04/24 22:03	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/04/24 22:03	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/04/24 22:03	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/04/24 22:03	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
Chloroethane	ND		0.10	0.037	mg/Kg			12/04/24 22:03	50
Chloroform	ND		0.050	0.029	mg/Kg			12/04/24 22:03	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/04/24 22:03	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/04/24 22:03	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/04/24 22:03	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/04/24 22:03	50
Ethanol	ND		13	4.6	mg/Kg			12/04/24 22:03	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/04/24 22:03	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/04/24 22:03	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/04/24 22:03	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/04/24 22:03	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/04/24 22:03	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/04/24 22:03	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/04/24 22:03	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/04/24 22:03	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/04/24 22:03	50
Styrene	ND		0.050	0.016	mg/Kg			12/04/24 22:03	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/04/24 22:03	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510130/6
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/04/24 22:03	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/04/24 22:03	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/04/24 22:03	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/04/24 22:03	50
Toluene	ND		0.050	0.013	mg/Kg			12/04/24 22:03	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/04/24 22:03	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/04/24 22:03	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/04/24 22:03	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/04/24 22:03	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/04/24 22:03	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*		*12/04/24 22:03*	*50*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/04/24 22:03*	*50*
Dibromofluoromethane (Surr)	*98*		*58 - 147*		*12/04/24 22:03*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/04/24 22:03*	*50*

Lab Sample ID: LCS 570-510130/3
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05398		mg/Kg		108	80 - 125
1,1,1-Trichloroethane	0.0500	0.05469		mg/Kg		109	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04895		mg/Kg		98	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05711		mg/Kg		114	73 - 130
1,1,2-Trichloroethane	0.0500	0.04953		mg/Kg		99	80 - 123
1,1-Dichloroethane	0.0500	0.05154		mg/Kg		103	79 - 124
1,1-Dichloroethene	0.0500	0.05509		mg/Kg		110	74 - 132
1,1-Dichloropropene	0.0500	0.05376		mg/Kg		108	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05114		mg/Kg		102	80 - 123
1,2,3-Trichloropropane	0.0500	0.05001		mg/Kg		100	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05363		mg/Kg		107	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05283		mg/Kg		106	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04963		mg/Kg		99	67 - 120
1,2-Dibromoethane	0.0500	0.04846		mg/Kg		97	80 - 120
1,2-Dichlorobenzene	0.0500	0.05013		mg/Kg		100	80 - 120
1,2-Dichloroethane	0.0500	0.05540		mg/Kg		111	77 - 120
1,2-Dichloropropane	0.0500	0.05109		mg/Kg		102	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05408		mg/Kg		108	80 - 121
1,3-Dichlorobenzene	0.0500	0.05070		mg/Kg		101	80 - 120
1,3-Dichloropropane	0.0500	0.05087		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0500	0.05064		mg/Kg		101	80 - 120
2,2-Dichloropropane	0.0500	0.05533		mg/Kg		111	73 - 135
2-Butanone (MEK)	0.0500	0.05331		mg/Kg		107	67 - 136
2-Chlorotoluene	0.0500	0.05176		mg/Kg		104	80 - 120
2-Hexanone	0.0500	0.04836		mg/Kg		97	70 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510130/3
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorotoluene	0.0500	0.05058		mg/Kg		101	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05060		mg/Kg		101	74 - 124
Acetone	0.0500	0.05054		mg/Kg		101	61 - 142
Benzene	0.0500	0.05184		mg/Kg		104	80 - 120
Bromobenzene	0.0500	0.05261		mg/Kg		105	80 - 120
Bromochloromethane	0.0500	0.05166		mg/Kg		103	80 - 120
Bromodichloromethane	0.0500	0.05486		mg/Kg		110	80 - 125
Bromoform	0.0500	0.05078		mg/Kg		102	74 - 138
Bromomethane	0.0500	0.04582		mg/Kg		92	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05063		mg/Kg		101	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05326		mg/Kg		107	80 - 123
Carbon disulfide	0.0500	0.04984		mg/Kg		100	68 - 128
Carbon tetrachloride	0.0500	0.05550		mg/Kg		111	75 - 140
Chlorobenzene	0.0500	0.05056		mg/Kg		101	80 - 120
Chloroethane	0.0500	0.05115		mg/Kg		102	76 - 137
Chloroform	0.0500	0.05263		mg/Kg		105	80 - 121
Chloromethane	0.0500	0.04544		mg/Kg		91	74 - 133
Dibromochloromethane	0.0500	0.05197		mg/Kg		104	80 - 132
Dibromomethane	0.0500	0.05086		mg/Kg		102	80 - 120
Dichlorodifluoromethane	0.0500	0.04625		mg/Kg		92	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05359		mg/Kg		107	73 - 132
Ethanol	0.500	0.5483		mg/Kg		110	46 - 159
Ethylbenzene	0.0500	0.05203		mg/Kg		104	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05319		mg/Kg		106	77 - 129
Isopropylbenzene	0.0500	0.05272		mg/Kg		105	80 - 122
Methylene Chloride	0.0500	0.03966		mg/Kg		79	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05298		mg/Kg		106	79 - 123
Naphthalene	0.0500	0.04894		mg/Kg		98	79 - 121
n-Butylbenzene	0.0500	0.05341		mg/Kg		107	79 - 131
N-Propylbenzene	0.0500	0.05216		mg/Kg		104	80 - 122
o-Xylene	0.0500	0.05215		mg/Kg		104	80 - 120
m,p-Xylene	0.100	0.1081		mg/Kg		108	80 - 120
p-Isopropyltoluene	0.0500	0.05190		mg/Kg		104	80 - 126
sec-Butylbenzene	0.0500	0.05166		mg/Kg		103	80 - 125
Styrene	0.0500	0.05211		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05087		mg/Kg		102	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05394		mg/Kg		108	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.05359		mg/Kg		107	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2480		mg/Kg		99	74 - 123
tert-Butylbenzene	0.0500	0.05203		mg/Kg		104	80 - 124
Tetrachloroethene	0.0500	0.05410		mg/Kg		108	80 - 122
Toluene	0.0500	0.05102		mg/Kg		102	80 - 120
Trichloroethene	0.0500	0.05228		mg/Kg		105	80 - 127
Trichlorofluoromethane	0.0500	0.05562		mg/Kg		111	70 - 144
Vinyl acetate	0.0500	0.05199		mg/Kg		104	71 - 125
Vinyl chloride	0.0500	0.04927		mg/Kg		99	79 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510130/3
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		32 - 179
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	101		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-510130/4
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05486		mg/Kg		110	80 - 125	2	20
1,1,1-Trichloroethane			0.0500	0.05529		mg/Kg		111	78 - 130	1	20
1,1,2,2-Tetrachloroethane			0.0500	0.04880		mg/Kg		98	80 - 124	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05918		mg/Kg		118	73 - 130	4	20
1,1,2-Trichloroethane			0.0500	0.04925		mg/Kg		98	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.04351		mg/Kg		87	79 - 124	17	20
1,1-Dichloroethene			0.0500	0.05760		mg/Kg		115	74 - 132	4	20
1,1-Dichloropropene			0.0500	0.05454		mg/Kg		109	78 - 130	1	20
1,2,3-Trichlorobenzene			0.0500	0.05422		mg/Kg		108	80 - 123	6	20
1,2,3-Trichloropropane			0.0500	0.05098		mg/Kg		102	79 - 120	2	20
1,2,4-Trichlorobenzene			0.0500	0.05553		mg/Kg		111	80 - 125	3	20
1,2,4-Trimethylbenzene			0.0500	0.05390		mg/Kg		108	80 - 124	2	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05235		mg/Kg		105	67 - 120	5	20
1,2-Dibromoethane			0.0500	0.05017		mg/Kg		100	80 - 120	3	20
1,2-Dichlorobenzene			0.0500	0.05235		mg/Kg		105	80 - 120	4	20
1,2-Dichloroethane			0.0500	0.05642		mg/Kg		113	77 - 120	2	20
1,2-Dichloropropane			0.0500	0.05235		mg/Kg		105	80 - 126	2	20
1,3,5-Trimethylbenzene			0.0500	0.05462		mg/Kg		109	80 - 121	1	20
1,3-Dichlorobenzene			0.0500	0.05251		mg/Kg		105	80 - 120	4	20
1,3-Dichloropropane			0.0500	0.05183		mg/Kg		104	80 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.05192		mg/Kg		104	80 - 120	2	20
2,2-Dichloropropane			0.0500	0.05701		mg/Kg		114	73 - 135	3	20
2-Butanone (MEK)			0.0500	0.05411		mg/Kg		108	67 - 136	2	20
2-Chlorotoluene			0.0500	0.05213		mg/Kg		104	80 - 120	1	20
2-Hexanone			0.0500	0.04993		mg/Kg		100	70 - 137	3	20
4-Chlorotoluene			0.0500	0.05183		mg/Kg		104	80 - 121	2	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04933		mg/Kg		99	74 - 124	3	20
Acetone			0.0500	0.05179		mg/Kg		104	61 - 142	2	23
Benzene			0.0500	0.05384		mg/Kg		108	80 - 120	4	20
Bromobenzene			0.0500	0.05295		mg/Kg		106	80 - 120	1	20
Bromochloromethane			0.0500	0.05347		mg/Kg		107	80 - 120	3	20
Bromodichloromethane			0.0500	0.05591		mg/Kg		112	80 - 125	2	20
Bromoform			0.0500	0.05284		mg/Kg		106	74 - 138	4	20
Bromomethane			0.0500	0.04738		mg/Kg		95	58 - 136	3	20
cis-1,2-Dichloroethene			0.0500	0.05138		mg/Kg		103	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05391		mg/Kg		108	80 - 123	1	20
Carbon disulfide			0.0500	0.05373		mg/Kg		107	68 - 128	8	20
Carbon tetrachloride			0.0500	0.05557		mg/Kg		111	75 - 140	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510130/4
Matrix: Solid
Analysis Batch: 510130

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene			0.0500	0.05241		mg/Kg		105	80 - 120	4	20
Chloroethane			0.0500	0.05539		mg/Kg		111	76 - 137	8	20
Chloroform			0.0500	0.05399		mg/Kg		108	80 - 121	3	20
Chloromethane			0.0500	0.04886		mg/Kg		98	74 - 133	7	20
Dibromochloromethane			0.0500	0.05282		mg/Kg		106	80 - 132	2	20
Dibromomethane			0.0500	0.05196		mg/Kg		104	80 - 120	2	20
Dichlorodifluoromethane			0.0500	0.04820		mg/Kg		96	63 - 146	4	20
Di-isopropyl ether (DIPE)			0.0500	0.03909	*1	mg/Kg		78	73 - 132	31	20
Ethanol			0.500	0.5153		mg/Kg		103	46 - 159	6	30
Ethylbenzene			0.0500	0.05288		mg/Kg		106	80 - 120	2	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05266		mg/Kg		105	77 - 129	1	20
Isopropylbenzene			0.0500	0.05387		mg/Kg		108	80 - 122	2	20
Methylene Chloride			0.0500	0.04122		mg/Kg		82	74 - 120	4	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04630		mg/Kg		93	79 - 123	13	20
Naphthalene			0.0500	0.05196		mg/Kg		104	79 - 121	6	20
n-Butylbenzene			0.0500	0.05542		mg/Kg		111	79 - 131	4	20
N-Propylbenzene			0.0500	0.05376		mg/Kg		108	80 - 122	3	20
o-Xylene			0.0500	0.05346		mg/Kg		107	80 - 120	2	20
m,p-Xylene			0.100	0.1101		mg/Kg		110	80 - 120	2	20
p-Isopropyltoluene			0.0500	0.05382		mg/Kg		108	80 - 126	4	20
sec-Butylbenzene			0.0500	0.05311		mg/Kg		106	80 - 125	3	20
Styrene			0.0500	0.05300		mg/Kg		106	80 - 120	2	20
trans-1,2-Dichloroethene			0.0500	0.04324		mg/Kg		86	75 - 123	16	20
trans-1,3-Dichloropropene			0.0500	0.05319		mg/Kg		106	80 - 124	1	20
Tert-amyl-methyl ether (TAME)			0.0500	0.05373		mg/Kg		107	80 - 120	0	20
tert-Butyl alcohol (TBA)			0.250	0.2414		mg/Kg		97	74 - 123	3	20
tert-Butylbenzene			0.0500	0.05294		mg/Kg		106	80 - 124	2	20
Tetrachloroethene			0.0500	0.05563		mg/Kg		111	80 - 122	3	20
Toluene			0.0500	0.05246		mg/Kg		105	80 - 120	3	20
Trichloroethene			0.0500	0.05527		mg/Kg		111	80 - 127	6	20
Trichlorofluoromethane			0.0500	0.05822		mg/Kg		116	70 - 144	5	20
Vinyl acetate			0.0500	0.04135	*1	mg/Kg		83	71 - 125	23	20
Vinyl chloride			0.0500	0.05313		mg/Kg		106	79 - 133	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-510307/6
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/05/24 10:22	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/05/24 10:22	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/05/24 10:22	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510307/6
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/05/24 10:22	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/05/24 10:22	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 10:22	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/05/24 10:22	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/05/24 10:22	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/05/24 10:22	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/05/24 10:22	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/05/24 10:22	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/05/24 10:22	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/05/24 10:22	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/05/24 10:22	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 10:22	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 10:22	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/05/24 10:22	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/05/24 10:22	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 10:22	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/05/24 10:22	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/05/24 10:22	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/05/24 10:22	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/05/24 10:22	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/05/24 10:22	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/05/24 10:22	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/05/24 10:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/05/24 10:22	1
Acetone	ND		0.020	0.0098	mg/Kg			12/05/24 10:22	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/05/24 10:22	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 10:22	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/05/24 10:22	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/05/24 10:22	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/05/24 10:22	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/05/24 10:22	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/05/24 10:22	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/05/24 10:22	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/05/24 10:22	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/05/24 10:22	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 10:22	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/05/24 10:22	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/05/24 10:22	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/05/24 10:22	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/05/24 10:22	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/05/24 10:22	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/05/24 10:22	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/05/24 10:22	1
Ethanol	ND		0.25	0.092	mg/Kg			12/05/24 10:22	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 10:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/05/24 10:22	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/05/24 10:22	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/05/24 10:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/05/24 10:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510307/6
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.010	0.0039	mg/Kg			12/05/24 10:22	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 10:22	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/05/24 10:22	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/05/24 10:22	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/05/24 10:22	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/05/24 10:22	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 10:22	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/05/24 10:22	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/05/24 10:22	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/05/24 10:22	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/05/24 10:22	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/05/24 10:22	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 10:22	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/05/24 10:22	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/05/24 10:22	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/05/24 10:22	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/05/24 10:22	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/05/24 10:22	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/05/24 10:22	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/05/24 10:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*		*12/05/24 10:22*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/05/24 10:22*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*12/05/24 10:22*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/05/24 10:22*	*1*

Lab Sample ID: MB 570-510307/7
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/05/24 10:42	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/05/24 10:42	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/05/24 10:42	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/05/24 10:42	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/05/24 10:42	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/05/24 10:42	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/05/24 10:42	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/05/24 10:42	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/05/24 10:42	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/05/24 10:42	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/05/24 10:42	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510307/7
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/05/24 10:42	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/05/24 10:42	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/05/24 10:42	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/05/24 10:42	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/05/24 10:42	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/05/24 10:42	50
Acetone	ND		1.0	0.49	mg/Kg			12/05/24 10:42	50
Benzene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/05/24 10:42	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/05/24 10:42	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/05/24 10:42	50
Bromoform	ND		0.25	0.066	mg/Kg			12/05/24 10:42	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/05/24 10:42	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/05/24 10:42	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/05/24 10:42	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/05/24 10:42	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
Chloroethane	ND		0.10	0.037	mg/Kg			12/05/24 10:42	50
Chloroform	ND		0.050	0.029	mg/Kg			12/05/24 10:42	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/05/24 10:42	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/05/24 10:42	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/05/24 10:42	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/05/24 10:42	50
Ethanol	ND		13	4.6	mg/Kg			12/05/24 10:42	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/05/24 10:42	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/05/24 10:42	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/05/24 10:42	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/05/24 10:42	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/05/24 10:42	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/05/24 10:42	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/05/24 10:42	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/05/24 10:42	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/05/24 10:42	50
Styrene	ND		0.050	0.016	mg/Kg			12/05/24 10:42	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/05/24 10:42	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/05/24 10:42	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/05/24 10:42	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/05/24 10:42	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510307/7
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/05/24 10:42	50
Toluene	ND		0.050	0.013	mg/Kg			12/05/24 10:42	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/05/24 10:42	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/05/24 10:42	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/05/24 10:42	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/05/24 10:42	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/05/24 10:42	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*		*12/05/24 10:42*	*50*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/05/24 10:42*	*50*
Dibromofluoromethane (Surr)	*92*		*58 - 147*		*12/05/24 10:42*	*50*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/05/24 10:42*	*50*

Lab Sample ID: LCS 570-510307/4
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05759		mg/Kg		115	80 - 125
1,1,1-Trichloroethane	0.0500	0.05071		mg/Kg		101	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04766		mg/Kg		95	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05206		mg/Kg		104	73 - 130
1,1,2-Trichloroethane	0.0500	0.05033		mg/Kg		101	80 - 123
1,1-Dichloroethane	0.0500	0.04846		mg/Kg		97	79 - 124
1,1-Dichloroethene	0.0500	0.05036		mg/Kg		101	74 - 132
1,1-Dichloropropene	0.0500	0.04893		mg/Kg		98	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.06068		mg/Kg		121	80 - 123
1,2,3-Trichloropropane	0.0500	0.04988		mg/Kg		100	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05809		mg/Kg		116	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04953		mg/Kg		99	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05973		mg/Kg		119	67 - 120
1,2-Dibromoethane	0.0500	0.04923		mg/Kg		98	80 - 120
1,2-Dichlorobenzene	0.0500	0.05175		mg/Kg		103	80 - 120
1,2-Dichloroethane	0.0500	0.04893		mg/Kg		98	77 - 120
1,2-Dichloropropane	0.0500	0.05172		mg/Kg		103	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04928		mg/Kg		99	80 - 121
1,3-Dichlorobenzene	0.0500	0.05069		mg/Kg		101	80 - 120
1,3-Dichloropropane	0.0500	0.04904		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0500	0.04977		mg/Kg		100	80 - 120
2,2-Dichloropropane	0.0500	0.04977		mg/Kg		100	73 - 135
2-Butanone (MEK)	0.0500	0.04805		mg/Kg		96	67 - 136
2-Chlorotoluene	0.0500	0.04759		mg/Kg		95	80 - 120
2-Hexanone	0.0500	0.04974		mg/Kg		99	70 - 137
4-Chlorotoluene	0.0500	0.04888		mg/Kg		98	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04803		mg/Kg		96	74 - 124
Acetone	0.0500	0.04817		mg/Kg		96	61 - 142
Benzene	0.0500	0.05036		mg/Kg		101	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510307/4
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	0.0500	0.05315		mg/Kg		106	80 - 120
Bromochloromethane	0.0500	0.05120		mg/Kg		102	80 - 120
Bromodichloromethane	0.0500	0.05385		mg/Kg		108	80 - 125
Bromoform	0.0500	0.05917		mg/Kg		118	74 - 138
Bromomethane	0.0500	0.04801		mg/Kg		96	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04890		mg/Kg		98	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05459		mg/Kg		109	80 - 123
Carbon disulfide	0.0500	0.05156		mg/Kg		103	68 - 128
Carbon tetrachloride	0.0500	0.05835		mg/Kg		117	75 - 140
Chlorobenzene	0.0500	0.05007		mg/Kg		100	80 - 120
Chloroethane	0.0500	0.04795		mg/Kg		96	76 - 137
Chloroform	0.0500	0.04659		mg/Kg		93	80 - 121
Chloromethane	0.0500	0.04892		mg/Kg		98	74 - 133
Dibromochloromethane	0.0500	0.05434		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05128		mg/Kg		103	80 - 120
Dichlorodifluoromethane	0.0500	0.05547		mg/Kg		111	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04944		mg/Kg		99	73 - 132
Ethanol	0.500	0.5252		mg/Kg		105	46 - 159
Ethylbenzene	0.0500	0.04908		mg/Kg		98	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04576		mg/Kg		92	77 - 129
Isopropylbenzene	0.0500	0.04900		mg/Kg		98	80 - 122
Methylene Chloride	0.0500	0.04635		mg/Kg		93	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04482		mg/Kg		90	79 - 123
Naphthalene	0.0500	0.05595		mg/Kg		112	79 - 121
n-Butylbenzene	0.0500	0.05022		mg/Kg		100	79 - 131
N-Propylbenzene	0.0500	0.04863		mg/Kg		97	80 - 122
o-Xylene	0.0500	0.04699		mg/Kg		94	80 - 120
m,p-Xylene	0.100	0.09448		mg/Kg		94	80 - 120
p-Isopropyltoluene	0.0500	0.05057		mg/Kg		101	80 - 126
sec-Butylbenzene	0.0500	0.04977		mg/Kg		100	80 - 125
Styrene	0.0500	0.04843		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04965		mg/Kg		99	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05079		mg/Kg		102	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04632		mg/Kg		93	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2849		mg/Kg		114	74 - 123
tert-Butylbenzene	0.0500	0.04918		mg/Kg		98	80 - 124
Tetrachloroethene	0.0500	0.05442		mg/Kg		109	80 - 122
Toluene	0.0500	0.04912		mg/Kg		98	80 - 120
Trichloroethene	0.0500	0.05462		mg/Kg		109	80 - 127
Trichlorofluoromethane	0.0500	0.04632		mg/Kg		93	70 - 144
Vinyl acetate	0.0500	0.04608		mg/Kg		92	71 - 125
Vinyl chloride	0.0500	0.04884		mg/Kg		98	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510307/5
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05459		mg/Kg		109	80 - 125	5	20
1,1,1-Trichloroethane	0.0500	0.04763		mg/Kg		95	78 - 130	6	20
1,1,2,2-Tetrachloroethane	0.0500	0.04413		mg/Kg		88	80 - 124	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05033		mg/Kg		101	73 - 130	3	20
1,1,2-Trichloroethane	0.0500	0.04863		mg/Kg		97	80 - 123	3	20
1,1-Dichloroethane	0.0500	0.04907		mg/Kg		98	79 - 124	1	20
1,1-Dichloroethene	0.0500	0.05151		mg/Kg		103	74 - 132	2	20
1,1-Dichloropropene	0.0500	0.04587		mg/Kg		92	78 - 130	6	20
1,2,3-Trichlorobenzene	0.0500	0.05505		mg/Kg		110	80 - 123	10	20
1,2,3-Trichloropropane	0.0500	0.04564		mg/Kg		91	79 - 120	9	20
1,2,4-Trichlorobenzene	0.0500	0.05533		mg/Kg		111	80 - 125	5	20
1,2,4-Trimethylbenzene	0.0500	0.04741		mg/Kg		95	80 - 124	4	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04966		mg/Kg		99	67 - 120	18	20
1,2-Dibromoethane	0.0500	0.04790		mg/Kg		96	80 - 120	3	20
1,2-Dichlorobenzene	0.0500	0.04776		mg/Kg		96	80 - 120	8	20
1,2-Dichloroethane	0.0500	0.04678		mg/Kg		94	77 - 120	4	20
1,2-Dichloropropane	0.0500	0.04933		mg/Kg		99	80 - 126	5	20
1,3,5-Trimethylbenzene	0.0500	0.04731		mg/Kg		95	80 - 121	4	20
1,3-Dichlorobenzene	0.0500	0.04906		mg/Kg		98	80 - 120	3	20
1,3-Dichloropropane	0.0500	0.04712		mg/Kg		94	80 - 120	4	20
1,4-Dichlorobenzene	0.0500	0.04765		mg/Kg		95	80 - 120	4	20
2,2-Dichloropropane	0.0500	0.04992		mg/Kg		100	73 - 135	0	20
2-Butanone (MEK)	0.0500	0.04781		mg/Kg		96	67 - 136	0	20
2-Chlorotoluene	0.0500	0.04552		mg/Kg		91	80 - 120	4	20
2-Hexanone	0.0500	0.04406		mg/Kg		88	70 - 137	12	20
4-Chlorotoluene	0.0500	0.04732		mg/Kg		95	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.04375		mg/Kg		88	74 - 124	9	20
Acetone	0.0500	0.04553		mg/Kg		91	61 - 142	6	23
Benzene	0.0500	0.04694		mg/Kg		94	80 - 120	7	20
Bromobenzene	0.0500	0.05012		mg/Kg		100	80 - 120	6	20
Bromochloromethane	0.0500	0.04755		mg/Kg		95	80 - 120	7	20
Bromodichloromethane	0.0500	0.05073		mg/Kg		101	80 - 125	6	20
Bromoform	0.0500	0.05603		mg/Kg		112	74 - 138	5	20
Bromomethane	0.0500	0.04552		mg/Kg		91	58 - 136	5	20
cis-1,2-Dichloroethene	0.0500	0.04693		mg/Kg		94	80 - 124	4	20
cis-1,3-Dichloropropene	0.0500	0.05146		mg/Kg		103	80 - 123	6	20
Carbon disulfide	0.0500	0.05113		mg/Kg		102	68 - 128	1	20
Carbon tetrachloride	0.0500	0.05399		mg/Kg		108	75 - 140	8	20
Chlorobenzene	0.0500	0.04833		mg/Kg		97	80 - 120	4	20
Chloroethane	0.0500	0.04578		mg/Kg		92	76 - 137	5	20
Chloroform	0.0500	0.04340		mg/Kg		87	80 - 121	7	20
Chloromethane	0.0500	0.04647		mg/Kg		93	74 - 133	5	20
Dibromochloromethane	0.0500	0.05147		mg/Kg		103	80 - 132	5	20
Dibromomethane	0.0500	0.04877		mg/Kg		98	80 - 120	5	20
Dichlorodifluoromethane	0.0500	0.05375		mg/Kg		107	63 - 146	3	20
Di-isopropyl ether (DIPE)	0.0500	0.05046		mg/Kg		101	73 - 132	2	20
Ethanol	0.500	0.6203		mg/Kg		124	46 - 159	17	30
Ethylbenzene	0.0500	0.04683		mg/Kg		94	80 - 120	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510307/5
Matrix: Solid
Analysis Batch: 510307

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl-t-butyl ether (ETBE)	0.0500	0.04604		mg/Kg		92	77 - 129	1	20
Isopropylbenzene	0.0500	0.04633		mg/Kg		93	80 - 122	6	20
Methylene Chloride	0.0500	0.04765		mg/Kg		95	74 - 120	3	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04556		mg/Kg		91	79 - 123	2	20
Naphthalene	0.0500	0.04876		mg/Kg		98	79 - 121	14	20
n-Butylbenzene	0.0500	0.04844		mg/Kg		97	79 - 131	4	20
N-Propylbenzene	0.0500	0.04666		mg/Kg		93	80 - 122	4	20
o-Xylene	0.0500	0.04527		mg/Kg		91	80 - 120	4	20
m,p-Xylene	0.100	0.09129		mg/Kg		91	80 - 120	3	20
p-Isopropyltoluene	0.0500	0.04878		mg/Kg		98	80 - 126	4	20
sec-Butylbenzene	0.0500	0.04771		mg/Kg		95	80 - 125	4	20
Styrene	0.0500	0.04611		mg/Kg		92	80 - 120	5	20
trans-1,2-Dichloroethene	0.0500	0.04859		mg/Kg		97	75 - 123	2	20
trans-1,3-Dichloropropene	0.0500	0.04879		mg/Kg		98	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	0.0500	0.04358		mg/Kg		87	80 - 120	6	20
tert-Butyl alcohol (TBA)	0.250	0.2601		mg/Kg		104	74 - 123	9	20
tert-Butylbenzene	0.0500	0.04725		mg/Kg		94	80 - 124	4	20
Tetrachloroethene	0.0500	0.05272		mg/Kg		105	80 - 122	3	20
Toluene	0.0500	0.04612		mg/Kg		92	80 - 120	6	20
Trichloroethene	0.0500	0.05057		mg/Kg		101	80 - 127	8	20
Trichlorofluoromethane	0.0500	0.04664		mg/Kg		93	70 - 144	1	20
Vinyl acetate	0.0500	0.04858		mg/Kg		97	71 - 125	5	20
Vinyl chloride	0.0500	0.04552		mg/Kg		91	79 - 133	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-510528/6
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/05/24 19:53	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/05/24 19:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/05/24 19:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/05/24 19:53	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/05/24 19:53	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/05/24 19:53	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 19:53	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/05/24 19:53	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/05/24 19:53	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/05/24 19:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/05/24 19:53	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/05/24 19:53	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/05/24 19:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510528/6
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/05/24 19:53	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 19:53	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/05/24 19:53	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/05/24 19:53	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/05/24 19:53	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/05/24 19:53	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/05/24 19:53	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/05/24 19:53	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/05/24 19:53	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/05/24 19:53	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/05/24 19:53	1
2-Hexanone	ND		10	2.7	ug/L			12/05/24 19:53	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/05/24 19:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/05/24 19:53	1
Acetone	ND		10	7.4	ug/L			12/05/24 19:53	1
Benzene	ND		0.50	0.24	ug/L			12/05/24 19:53	1
Bromobenzene	ND		1.0	0.29	ug/L			12/05/24 19:53	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/05/24 19:53	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/05/24 19:53	1
Bromoform	ND		5.0	1.9	ug/L			12/05/24 19:53	1
Bromomethane	ND		25	7.4	ug/L			12/05/24 19:53	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/05/24 19:53	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/05/24 19:53	1
Carbon disulfide	ND		10	0.42	ug/L			12/05/24 19:53	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/05/24 19:53	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/05/24 19:53	1
Chloroethane	ND		5.0	1.9	ug/L			12/05/24 19:53	1
Chloroform	ND		1.0	0.32	ug/L			12/05/24 19:53	1
Chloromethane	ND		10	2.2	ug/L			12/05/24 19:53	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/05/24 19:53	1
Dibromomethane	ND		1.0	0.33	ug/L			12/05/24 19:53	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/05/24 19:53	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/05/24 19:53	1
Ethanol	ND		100	52	ug/L			12/05/24 19:53	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/05/24 19:53	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/05/24 19:53	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/05/24 19:53	1
Methylene Chloride	ND		10	3.0	ug/L			12/05/24 19:53	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/05/24 19:53	1
Naphthalene	ND		10	4.9	ug/L			12/05/24 19:53	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/05/24 19:53	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/05/24 19:53	1
o-Xylene	ND		1.0	0.27	ug/L			12/05/24 19:53	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/05/24 19:53	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/05/24 19:53	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/05/24 19:53	1
Styrene	ND		1.0	0.38	ug/L			12/05/24 19:53	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/05/24 19:53	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/05/24 19:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510528/6
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/05/24 19:53	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/05/24 19:53	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/05/24 19:53	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/05/24 19:53	1
Toluene	ND		1.0	0.30	ug/L			12/05/24 19:53	1
Trichloroethene	ND		1.0	0.39	ug/L			12/05/24 19:53	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/05/24 19:53	1
Vinyl acetate	ND		10	5.0	ug/L			12/05/24 19:53	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/05/24 19:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*12/05/24 19:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/05/24 19:53*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*12/05/24 19:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/05/24 19:53*	*1*

Lab Sample ID: LCS 570-510528/1002
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.20		ug/L		96	80 - 122
1,1,1-Trichloroethane	20.0	19.70		ug/L		98	78 - 125
1,1,2,2-Tetrachloroethane	20.0	22.65		ug/L		113	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.50		ug/L		98	72 - 138
1,1,2-Trichloroethane	20.0	20.77		ug/L		104	80 - 124
1,1-Dichloroethane	20.0	20.45		ug/L		102	80 - 127
1,1-Dichloroethene	20.0	20.35		ug/L		102	80 - 133
1,1-Dichloropropene	20.0	20.57		ug/L		103	79 - 126
1,2,3-Trichlorobenzene	20.0	20.85		ug/L		104	79 - 128
1,2,3-Trichloropropane	20.0	19.30		ug/L		96	71 - 128
1,2,4-Trichlorobenzene	20.0	20.15		ug/L		101	77 - 126
1,2,4-Trimethylbenzene	20.0	20.47		ug/L		102	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	18.77		ug/L		94	66 - 122
1,2-Dibromoethane	20.0	20.95		ug/L		105	80 - 120
1,2-Dichlorobenzene	20.0	20.06		ug/L		100	80 - 121
1,2-Dichloroethane	20.0	20.41		ug/L		102	77 - 122
1,2-Dichloropropane	20.0	21.01		ug/L		105	80 - 122
1,3,5-Trimethylbenzene	20.0	20.20		ug/L		101	80 - 123
1,3-Dichlorobenzene	20.0	19.80		ug/L		99	80 - 120
1,3-Dichloropropane	20.0	21.02		ug/L		105	80 - 121
1,4-Dichlorobenzene	20.0	19.54		ug/L		98	80 - 120
2,2-Dichloropropane	20.0	17.95		ug/L		90	68 - 143
2-Butanone (MEK)	20.0	18.76		ug/L		94	61 - 139
2-Chlorotoluene	20.0	19.30		ug/L		96	80 - 121
2-Hexanone	20.0	18.87		ug/L		94	63 - 134
4-Chlorotoluene	20.0	19.11		ug/L		96	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	19.28		ug/L		96	67 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510528/1002
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	18.39		ug/L		92	45 - 150
Benzene	20.0	21.21		ug/L		106	80 - 121
Bromobenzene	20.0	19.92		ug/L		100	80 - 120
Bromochloromethane	20.0	20.58		ug/L		103	80 - 121
Bromodichloromethane	20.0	20.14		ug/L		101	80 - 121
Bromoform	20.0	18.78		ug/L		94	78 - 124
Bromomethane	20.0	23.94	J	ug/L		120	48 - 156
cis-1,2-Dichloroethene	20.0	20.13		ug/L		101	80 - 125
cis-1,3-Dichloropropene	20.0	21.62		ug/L		108	80 - 120
Carbon disulfide	20.0	18.44		ug/L		92	76 - 129
Carbon tetrachloride	20.0	19.98		ug/L		100	71 - 137
Chlorobenzene	20.0	20.05		ug/L		100	80 - 120
Chloroethane	20.0	20.95		ug/L		105	73 - 138
Chloroform	20.0	20.68		ug/L		103	80 - 121
Chloromethane	20.0	18.72		ug/L		94	57 - 138
Dibromochloromethane	20.0	18.90		ug/L		95	80 - 126
Dibromomethane	20.0	21.23		ug/L		106	80 - 120
Dichlorodifluoromethane	20.0	17.91		ug/L		90	44 - 148
Di-isopropyl ether (DIPE)	20.0	20.36		ug/L		102	75 - 134
Ethanol	200	228.2		ug/L		114	50 - 168
Ethylbenzene	20.0	20.06		ug/L		100	80 - 121
Ethyl-t-butyl ether (ETBE)	20.0	19.42		ug/L		97	80 - 124
Isopropylbenzene	20.0	18.84		ug/L		94	80 - 121
Methylene Chloride	20.0	20.20		ug/L		101	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	19.66		ug/L		98	78 - 123
Naphthalene	20.0	21.69		ug/L		108	65 - 133
n-Butylbenzene	20.0	19.69		ug/L		98	80 - 125
N-Propylbenzene	20.0	19.72		ug/L		99	80 - 125
o-Xylene	20.0	20.22		ug/L		101	80 - 122
m,p-Xylene	40.0	40.36		ug/L		101	80 - 123
p-Isopropyltoluene	20.0	19.92		ug/L		100	80 - 124
sec-Butylbenzene	20.0	19.69		ug/L		98	80 - 122
Styrene	20.0	20.39		ug/L		102	80 - 120
trans-1,2-Dichloroethene	20.0	19.84		ug/L		99	80 - 122
trans-1,3-Dichloropropene	20.0	17.59		ug/L		88	80 - 125
Tert-amyl-methyl ether (TAME)	20.0	19.37		ug/L		97	74 - 125
tert-Butyl alcohol (TBA)	100	99.84		ug/L		100	70 - 141
tert-Butylbenzene	20.0	19.95		ug/L		100	80 - 122
Tetrachloroethene	20.0	20.15		ug/L		101	80 - 122
Toluene	20.0	20.47		ug/L		102	80 - 120
Trichloroethene	20.0	19.35		ug/L		97	80 - 120
Trichlorofluoromethane	20.0	19.47		ug/L		97	67 - 142
Vinyl acetate	20.0	18.50		ug/L		92	62 - 140
Vinyl chloride	20.0	20.17		ug/L		101	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510528/1002
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-510528/3
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			20.0	18.94		ug/L		95	80 - 122	1	20
1,1,1-Trichloroethane			20.0	18.85		ug/L		94	78 - 125	4	20
1,1,2,2-Tetrachloroethane			20.0	22.97		ug/L		115	79 - 127	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.17		ug/L		91	72 - 138	7	20
1,1,2-Trichloroethane			20.0	20.63		ug/L		103	80 - 124	1	20
1,1-Dichloroethane			20.0	19.29		ug/L		96	80 - 127	6	20
1,1-Dichloroethene			20.0	18.99		ug/L		95	80 - 133	7	20
1,1-Dichloropropene			20.0	19.41		ug/L		97	79 - 126	6	20
1,2,3-Trichlorobenzene			20.0	20.32		ug/L		102	79 - 128	3	20
1,2,3-Trichloropropane			20.0	20.40		ug/L		102	71 - 128	6	20
1,2,4-Trichlorobenzene			20.0	19.32		ug/L		97	77 - 126	4	20
1,2,4-Trimethylbenzene			20.0	19.68		ug/L		98	80 - 121	4	20
1,2-Dibromo-3-Chloropropane			20.0	19.66		ug/L		98	66 - 122	5	20
1,2-Dibromoethane			20.0	20.72		ug/L		104	80 - 120	1	20
1,2-Dichlorobenzene			20.0	19.62		ug/L		98	80 - 121	2	20
1,2-Dichloroethane			20.0	19.27		ug/L		96	77 - 122	6	20
1,2-Dichloropropane			20.0	19.56		ug/L		98	80 - 122	7	20
1,3,5-Trimethylbenzene			20.0	19.25		ug/L		96	80 - 123	5	20
1,3-Dichlorobenzene			20.0	19.34		ug/L		97	80 - 120	2	20
1,3-Dichloropropane			20.0	20.71		ug/L		104	80 - 121	1	20
1,4-Dichlorobenzene			20.0	19.16		ug/L		96	80 - 120	2	20
2,2-Dichloropropane			20.0	16.65		ug/L		83	68 - 143	8	20
2-Butanone (MEK)			20.0	22.07		ug/L		110	61 - 139	16	25
2-Chlorotoluene			20.0	18.36		ug/L		92	80 - 121	5	20
2-Hexanone			20.0	19.33		ug/L		97	63 - 134	2	21
4-Chlorotoluene			20.0	18.60		ug/L		93	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)			20.0	18.29		ug/L		91	67 - 125	5	20
Acetone			20.0	19.72		ug/L		99	45 - 150	7	23
Benzene			20.0	19.55		ug/L		98	80 - 121	8	20
Bromobenzene			20.0	19.72		ug/L		99	80 - 120	1	20
Bromochloromethane			20.0	20.28		ug/L		101	80 - 121	1	20
Bromodichloromethane			20.0	18.90		ug/L		95	80 - 121	6	20
Bromoform			20.0	18.89		ug/L		94	78 - 124	1	20
Bromomethane			20.0	19.96	J	ug/L		100	48 - 156	18	21
cis-1,2-Dichloroethene			20.0	19.49		ug/L		97	80 - 125	3	20
cis-1,3-Dichloropropene			20.0	20.75		ug/L		104	80 - 120	4	20
Carbon disulfide			20.0	17.28		ug/L		86	76 - 129	7	20
Carbon tetrachloride			20.0	18.78		ug/L		94	71 - 137	6	20
Chlorobenzene			20.0	19.51		ug/L		98	80 - 120	3	20
Chloroethane			20.0	19.22		ug/L		96	73 - 138	9	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510528/3
Matrix: Water
Analysis Batch: 510528

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform			20.0	19.76		ug/L		99	80 - 121	5	20
Chloromethane			20.0	17.44		ug/L		87	57 - 138	7	20
Dibromochloromethane			20.0	18.61		ug/L		93	80 - 126	2	20
Dibromomethane			20.0	20.09		ug/L		100	80 - 120	6	20
Dichlorodifluoromethane			20.0	16.60		ug/L		83	44 - 148	8	28
Di-isopropyl ether (DIPE)			20.0	19.63		ug/L		98	75 - 134	4	20
Ethanol			200	215.2		ug/L		108	50 - 168	6	29
Ethylbenzene			20.0	19.43		ug/L		97	80 - 121	3	20
Ethyl-t-butyl ether (ETBE)			20.0	18.70		ug/L		93	80 - 124	4	20
Isopropylbenzene			20.0	18.35		ug/L		92	80 - 121	3	20
Methylene Chloride			20.0	19.57		ug/L		98	80 - 121	3	20
Methyl-t-Butyl Ether (MTBE)			20.0	19.37		ug/L		97	78 - 123	2	20
Naphthalene			20.0	21.35		ug/L		107	65 - 133	2	20
n-Butylbenzene			20.0	18.81		ug/L		94	80 - 125	5	20
N-Propylbenzene			20.0	18.91		ug/L		95	80 - 125	4	20
o-Xylene			20.0	19.52		ug/L		98	80 - 122	4	20
m,p-Xylene			40.0	38.99		ug/L		97	80 - 123	3	20
p-Isopropyltoluene			20.0	19.24		ug/L		96	80 - 124	3	20
sec-Butylbenzene			20.0	19.09		ug/L		95	80 - 122	3	20
Styrene			20.0	19.59		ug/L		98	80 - 120	4	20
trans-1,2-Dichloroethene			20.0	18.87		ug/L		94	80 - 122	5	20
trans-1,3-Dichloropropene			20.0	17.32		ug/L		87	80 - 125	2	20
Tert-amyl-methyl ether (TAME)			20.0	18.14		ug/L		91	74 - 125	7	20
tert-Butyl alcohol (TBA)			100	101.5		ug/L		101	70 - 141	2	20
tert-Butylbenzene			20.0	19.73		ug/L		99	80 - 122	1	20
Tetrachloroethene			20.0	19.07		ug/L		95	80 - 122	5	20
Toluene			20.0	19.16		ug/L		96	80 - 120	7	20
Trichloroethene			20.0	18.20		ug/L		91	80 - 120	6	20
Trichlorofluoromethane			20.0	18.04		ug/L		90	67 - 142	8	20
Vinyl acetate			20.0	18.42		ug/L		92	62 - 140	0	21
Vinyl chloride			20.0	18.94		ug/L		95	66 - 136	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-510544/6
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/05/24 17:51	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/05/24 17:51	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/05/24 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/05/24 17:51	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/05/24 17:51	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510544/6
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/05/24 17:51	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/05/24 17:51	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/05/24 17:51	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/05/24 17:51	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/05/24 17:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/05/24 17:51	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/05/24 17:51	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/05/24 17:51	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/05/24 17:51	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/05/24 17:51	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/05/24 17:51	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/05/24 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/05/24 17:51	1
Acetone	ND		0.020	0.0098	mg/Kg			12/05/24 17:51	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/05/24 17:51	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/05/24 17:51	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/05/24 17:51	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/05/24 17:51	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/05/24 17:51	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/05/24 17:51	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/05/24 17:51	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/05/24 17:51	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/05/24 17:51	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/05/24 17:51	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/05/24 17:51	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/05/24 17:51	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/05/24 17:51	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/05/24 17:51	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/05/24 17:51	1
Ethanol	ND		0.25	0.092	mg/Kg			12/05/24 17:51	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/05/24 17:51	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/05/24 17:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/05/24 17:51	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/05/24 17:51	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510544/6
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/05/24 17:51	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/05/24 17:51	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/05/24 17:51	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/05/24 17:51	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/05/24 17:51	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/05/24 17:51	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/05/24 17:51	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/05/24 17:51	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/05/24 17:51	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/05/24 17:51	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/05/24 17:51	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/05/24 17:51	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/05/24 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*		*12/05/24 17:51*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/05/24 17:51*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*		*12/05/24 17:51*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/05/24 17:51*	*1*

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05439		mg/Kg		109	80 - 125
1,1,1-Trichloroethane	0.0500	0.05393		mg/Kg		108	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05458		mg/Kg		109	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05202		mg/Kg		104	73 - 130
1,1,2-Trichloroethane	0.0500	0.05141		mg/Kg		103	80 - 123
1,1-Dichloroethane	0.0500	0.05150		mg/Kg		103	79 - 124
1,1-Dichloroethene	0.0500	0.05185		mg/Kg		104	74 - 132
1,1-Dichloropropene	0.0500	0.05573		mg/Kg		111	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05451		mg/Kg		109	80 - 123
1,2,3-Trichloropropane	0.0500	0.05534		mg/Kg		111	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05501		mg/Kg		110	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05457		mg/Kg		109	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05256		mg/Kg		105	67 - 120
1,2-Dibromoethane	0.0500	0.05495		mg/Kg		110	80 - 120
1,2-Dichlorobenzene	0.0500	0.05394		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0500	0.05317		mg/Kg		106	77 - 120
1,2-Dichloropropane	0.0500	0.05241		mg/Kg		105	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05368		mg/Kg		107	80 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	0.0500	0.05513		mg/Kg		110	80 - 120
1,3-Dichloropropane	0.0500	0.05366		mg/Kg		107	80 - 120
1,4-Dichlorobenzene	0.0500	0.05405		mg/Kg		108	80 - 120
2,2-Dichloropropane	0.0500	0.05306		mg/Kg		106	73 - 135
2-Butanone (MEK)	0.0500	0.04926		mg/Kg		99	67 - 136
2-Chlorotoluene	0.0500	0.05373		mg/Kg		107	80 - 120
2-Hexanone	0.0500	0.05269		mg/Kg		105	70 - 137
4-Chlorotoluene	0.0500	0.05357		mg/Kg		107	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05069		mg/Kg		101	74 - 124
Acetone	0.0500	0.05594		mg/Kg		112	61 - 142
Benzene	0.0500	0.05286		mg/Kg		106	80 - 120
Bromobenzene	0.0500	0.05384		mg/Kg		108	80 - 120
Bromochloromethane	0.0500	0.05201		mg/Kg		104	80 - 120
Bromodichloromethane	0.0500	0.05418		mg/Kg		108	80 - 125
Bromoform	0.0500	0.05233		mg/Kg		105	74 - 138
Bromomethane	0.0500	0.05568		mg/Kg		111	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05182		mg/Kg		104	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05499		mg/Kg		110	80 - 123
Carbon disulfide	0.0500	0.05111		mg/Kg		102	68 - 128
Carbon tetrachloride	0.0500	0.05366		mg/Kg		107	75 - 140
Chlorobenzene	0.0500	0.05343		mg/Kg		107	80 - 120
Chloroethane	0.0500	0.05169		mg/Kg		103	76 - 137
Chloroform	0.0500	0.05213		mg/Kg		104	80 - 121
Chloromethane	0.0500	0.04951		mg/Kg		99	74 - 133
Dibromochloromethane	0.0500	0.05443		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05171		mg/Kg		103	80 - 120
Dichlorodifluoromethane	0.0500	0.05404		mg/Kg		108	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05227		mg/Kg		105	73 - 132
Ethanol	0.500	0.4680		mg/Kg		94	46 - 159
Ethylbenzene	0.0500	0.05334		mg/Kg		107	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05338		mg/Kg		107	77 - 129
Isopropylbenzene	0.0500	0.05328		mg/Kg		107	80 - 122
Methylene Chloride	0.0500	0.05074		mg/Kg		101	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05349		mg/Kg		107	79 - 123
Naphthalene	0.0500	0.05403		mg/Kg		108	79 - 121
n-Butylbenzene	0.0500	0.05565		mg/Kg		111	79 - 131
N-Propylbenzene	0.0500	0.05407		mg/Kg		108	80 - 122
o-Xylene	0.0500	0.05304		mg/Kg		106	80 - 120
m,p-Xylene	0.100	0.1067		mg/Kg		107	80 - 120
p-Isopropyltoluene	0.0500	0.05519		mg/Kg		110	80 - 126
sec-Butylbenzene	0.0500	0.05506		mg/Kg		110	80 - 125
Styrene	0.0500	0.05438		mg/Kg		109	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05101		mg/Kg		102	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05364		mg/Kg		107	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.05188		mg/Kg		104	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2263		mg/Kg		91	74 - 123
tert-Butylbenzene	0.0500	0.05395		mg/Kg		108	80 - 124
Tetrachloroethene	0.0500	0.05335		mg/Kg		107	80 - 122
Toluene	0.0500	0.05100		mg/Kg		102	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Trichloroethene			0.0500	0.05330		mg/Kg		107	80 - 127		
Trichlorofluoromethane			0.0500	0.05274		mg/Kg		105	70 - 144		
Vinyl acetate			0.0500	0.05256		mg/Kg		105	71 - 125		
Vinyl chloride			0.0500	0.05164		mg/Kg		103	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 179*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*58 - 147*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-510544/4
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05221		mg/Kg		104	80 - 125	4	20
1,1,1-Trichloroethane			0.0500	0.05238		mg/Kg		105	78 - 130	3	20
1,1,2,2-Tetrachloroethane			0.0500	0.05138		mg/Kg		103	80 - 124	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05069		mg/Kg		101	73 - 130	3	20
1,1,2-Trichloroethane			0.0500	0.04996		mg/Kg		100	80 - 123	3	20
1,1-Dichloroethane			0.0500	0.05096		mg/Kg		102	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.05120		mg/Kg		102	74 - 132	1	20
1,1-Dichloropropene			0.0500	0.05361		mg/Kg		107	78 - 130	4	20
1,2,3-Trichlorobenzene			0.0500	0.05165		mg/Kg		103	80 - 123	5	20
1,2,3-Trichloropropane			0.0500	0.05425		mg/Kg		108	79 - 120	2	20
1,2,4-Trichlorobenzene			0.0500	0.05184		mg/Kg		104	80 - 125	6	20
1,2,4-Trimethylbenzene			0.0500	0.05077		mg/Kg		102	80 - 124	7	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04956		mg/Kg		99	67 - 120	6	20
1,2-Dibromoethane			0.0500	0.05252		mg/Kg		105	80 - 120	5	20
1,2-Dichlorobenzene			0.0500	0.05165		mg/Kg		103	80 - 120	4	20
1,2-Dichloroethane			0.0500	0.05174		mg/Kg		103	77 - 120	3	20
1,2-Dichloropropane			0.0500	0.05051		mg/Kg		101	80 - 126	4	20
1,3,5-Trimethylbenzene			0.0500	0.05225		mg/Kg		105	80 - 121	3	20
1,3-Dichlorobenzene			0.0500	0.05131		mg/Kg		103	80 - 120	7	20
1,3-Dichloropropane			0.0500	0.05101		mg/Kg		102	80 - 120	5	20
1,4-Dichlorobenzene			0.0500	0.05080		mg/Kg		102	80 - 120	6	20
2,2-Dichloropropane			0.0500	0.05163		mg/Kg		103	73 - 135	3	20
2-Butanone (MEK)			0.0500	0.04822		mg/Kg		96	67 - 136	2	20
2-Chlorotoluene			0.0500	0.05239		mg/Kg		105	80 - 120	3	20
2-Hexanone			0.0500	0.05282		mg/Kg		106	70 - 137	0	20
4-Chlorotoluene			0.0500	0.04983		mg/Kg		100	80 - 121	7	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04997		mg/Kg		100	74 - 124	1	20
Acetone			0.0500	0.04713		mg/Kg		94	61 - 142	17	23
Benzene			0.0500	0.05120		mg/Kg		102	80 - 120	3	20
Bromobenzene			0.0500	0.05301		mg/Kg		106	80 - 120	2	20
Bromochloromethane			0.0500	0.05250		mg/Kg		105	80 - 120	1	20
Bromodichloromethane			0.0500	0.05186		mg/Kg		104	80 - 125	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510544/4
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform			0.0500	0.05007		mg/Kg		100	74 - 138	4	20
Bromomethane			0.0500	0.05563		mg/Kg		111	58 - 136	0	20
cis-1,2-Dichloroethene			0.0500	0.05116		mg/Kg		102	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05292		mg/Kg		106	80 - 123	4	20
Carbon disulfide			0.0500	0.05040		mg/Kg		101	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05249		mg/Kg		105	75 - 140	2	20
Chlorobenzene			0.0500	0.05163		mg/Kg		103	80 - 120	3	20
Chloroethane			0.0500	0.05315		mg/Kg		106	76 - 137	3	20
Chloroform			0.0500	0.05089		mg/Kg		102	80 - 121	2	20
Chloromethane			0.0500	0.05018		mg/Kg		100	74 - 133	1	20
Dibromochloromethane			0.0500	0.05165		mg/Kg		103	80 - 132	5	20
Dibromomethane			0.0500	0.05001		mg/Kg		100	80 - 120	3	20
Dichlorodifluoromethane			0.0500	0.05457		mg/Kg		109	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.05014		mg/Kg		100	73 - 132	4	20
Ethanol			0.500	0.5524		mg/Kg		110	46 - 159	17	30
Ethylbenzene			0.0500	0.05121		mg/Kg		102	80 - 120	4	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05103		mg/Kg		102	77 - 129	5	20
Isopropylbenzene			0.0500	0.05187		mg/Kg		104	80 - 122	3	20
Methylene Chloride			0.0500	0.04922		mg/Kg		98	74 - 120	3	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.05112		mg/Kg		102	79 - 123	5	20
Naphthalene			0.0500	0.05098		mg/Kg		102	79 - 121	6	20
n-Butylbenzene			0.0500	0.05143		mg/Kg		103	79 - 131	8	20
N-Propylbenzene			0.0500	0.05224		mg/Kg		104	80 - 122	3	20
o-Xylene			0.0500	0.05109		mg/Kg		102	80 - 120	4	20
m,p-Xylene			0.100	0.1027		mg/Kg		103	80 - 120	4	20
p-Isopropyltoluene			0.0500	0.05099		mg/Kg		102	80 - 126	8	20
sec-Butylbenzene			0.0500	0.05079		mg/Kg		102	80 - 125	8	20
Styrene			0.0500	0.05187		mg/Kg		104	80 - 120	5	20
trans-1,2-Dichloroethene			0.0500	0.04975		mg/Kg		99	75 - 123	3	20
trans-1,3-Dichloropropene			0.0500	0.05134		mg/Kg		103	80 - 124	4	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04958		mg/Kg		99	80 - 120	5	20
tert-Butyl alcohol (TBA)			0.250	0.2524		mg/Kg		101	74 - 123	11	20
tert-Butylbenzene			0.0500	0.05004		mg/Kg		100	80 - 124	8	20
Tetrachloroethene			0.0500	0.05019		mg/Kg		100	80 - 122	6	20
Toluene			0.0500	0.04920		mg/Kg		98	80 - 120	4	20
Trichloroethene			0.0500	0.05120		mg/Kg		102	80 - 127	4	20
Trichlorofluoromethane			0.0500	0.05267		mg/Kg		105	70 - 144	0	20
Vinyl acetate			0.0500	0.05243		mg/Kg		105	71 - 125	0	20
Vinyl chloride			0.0500	0.05222		mg/Kg		104	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*58 - 147*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/06/24 09:29	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/06/24 09:29	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/06/24 09:29	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/06/24 09:29	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/06/24 09:29	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/06/24 09:29	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/06/24 09:29	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/06/24 09:29	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/06/24 09:29	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/06/24 09:29	1
Acetone	ND		0.020	0.0098	mg/Kg			12/06/24 09:29	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/06/24 09:29	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/06/24 09:29	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/06/24 09:29	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/06/24 09:29	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/06/24 09:29	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/06/24 09:29	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/06/24 09:29	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/06/24 09:29	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/06/24 09:29	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/06/24 09:29	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/06/24 09:29	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/06/24 09:29	1
Ethanol	ND		0.25	0.092	mg/Kg			12/06/24 09:29	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/06/24 09:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/06/24 09:29	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/06/24 09:29	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/06/24 09:29	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/06/24 09:29	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/06/24 09:29	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/06/24 09:29	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/06/24 09:29	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/06/24 09:29	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/06/24 09:29	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/06/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*32 - 179*		*12/06/24 09:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/06/24 09:29*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*12/06/24 09:29*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/06/24 09:29*	*1*

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05593		mg/Kg		112	80 - 125
1,1,1-Trichloroethane	0.0500	0.05619		mg/Kg		112	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04977		mg/Kg		100	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05361		mg/Kg		107	73 - 130
1,1,2-Trichloroethane	0.0500	0.05127		mg/Kg		103	80 - 123
1,1-Dichloroethane	0.0500	0.05194		mg/Kg		104	79 - 124
1,1-Dichloroethene	0.0500	0.05273		mg/Kg		105	74 - 132
1,1-Dichloropropene	0.0500	0.05633		mg/Kg		113	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05500		mg/Kg		110	80 - 123
1,2,3-Trichloropropane	0.0500	0.05356		mg/Kg		107	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05674		mg/Kg		113	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05530		mg/Kg		111	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.04600		mg/Kg		92	67 - 120
1,2-Dibromoethane	0.0500	0.05473		mg/Kg		109	80 - 120
1,2-Dichlorobenzene	0.0500	0.05519		mg/Kg		110	80 - 120
1,2-Dichloroethane	0.0500	0.05365		mg/Kg		107	77 - 120
1,2-Dichloropropane	0.0500	0.05262		mg/Kg		105	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05869		mg/Kg		117	80 - 121
1,3-Dichlorobenzene	0.0500	0.05645		mg/Kg		113	80 - 120
1,3-Dichloropropane	0.0500	0.05315		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0500	0.05526		mg/Kg		111	80 - 120
2,2-Dichloropropane	0.0500	0.05457		mg/Kg		109	73 - 135
2-Butanone (MEK)	0.0500	0.04822		mg/Kg		96	67 - 136
2-Chlorotoluene	0.0500	0.05758		mg/Kg		115	80 - 120
2-Hexanone	0.0500	0.04898		mg/Kg		98	70 - 137
4-Chlorotoluene	0.0500	0.05516		mg/Kg		110	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04849		mg/Kg		97	74 - 124
Acetone	0.0500	0.04988		mg/Kg		100	61 - 142
Benzene	0.0500	0.05433		mg/Kg		109	80 - 120
Bromobenzene	0.0500	0.05737		mg/Kg		115	80 - 120
Bromochloromethane	0.0500	0.05400		mg/Kg		108	80 - 120
Bromodichloromethane	0.0500	0.05506		mg/Kg		110	80 - 125
Bromoform	0.0500	0.05026		mg/Kg		101	74 - 138
Bromomethane	0.0500	0.05822		mg/Kg		116	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05212		mg/Kg		104	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05540		mg/Kg		111	80 - 123
Carbon disulfide	0.0500	0.05226		mg/Kg		105	68 - 128
Carbon tetrachloride	0.0500	0.05653		mg/Kg		113	75 - 140
Chlorobenzene	0.0500	0.05658		mg/Kg		113	80 - 120
Chloroethane	0.0500	0.05448		mg/Kg		109	76 - 137
Chloroform	0.0500	0.05398		mg/Kg		108	80 - 121
Chloromethane	0.0500	0.04980		mg/Kg		100	74 - 133
Dibromochloromethane	0.0500	0.05473		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05226		mg/Kg		105	80 - 120
Dichlorodifluoromethane	0.0500	0.05339		mg/Kg		107	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05069		mg/Kg		101	73 - 132
Ethanol	0.500	0.4993		mg/Kg		100	46 - 159
Ethylbenzene	0.0500	0.05717		mg/Kg		114	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05060		mg/Kg		101	77 - 129
Isopropylbenzene	0.0500	0.05769		mg/Kg		115	80 - 122
Methylene Chloride	0.0500	0.05123		mg/Kg		102	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05055		mg/Kg		101	79 - 123
Naphthalene	0.0500	0.05110		mg/Kg		102	79 - 121
n-Butylbenzene	0.0500	0.05780		mg/Kg		116	79 - 131
N-Propylbenzene	0.0500	0.05847		mg/Kg		117	80 - 122
o-Xylene	0.0500	0.05683		mg/Kg		114	80 - 120
m,p-Xylene	0.100	0.1151		mg/Kg		115	80 - 120
p-Isopropyltoluene	0.0500	0.05708		mg/Kg		114	80 - 126
sec-Butylbenzene	0.0500	0.05586		mg/Kg		112	80 - 125
Styrene	0.0500	0.05713		mg/Kg		114	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05278		mg/Kg		106	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0500	0.05416		mg/Kg		108	80 - 124		
Tert-amyl-methyl ether (TAME)			0.0500	0.04960		mg/Kg		99	80 - 120		
tert-Butyl alcohol (TBA)			0.250	0.2446		mg/Kg		98	74 - 123		
tert-Butylbenzene			0.0500	0.05494		mg/Kg		110	80 - 124		
Tetrachloroethene			0.0500	0.05648		mg/Kg		113	80 - 122		
Toluene			0.0500	0.05324		mg/Kg		106	80 - 120		
Trichloroethene			0.0500	0.05473		mg/Kg		109	80 - 127		
Trichlorofluoromethane			0.0500	0.05568		mg/Kg		111	70 - 144		
Vinyl acetate			0.0500	0.04989		mg/Kg		100	71 - 125		
Vinyl chloride			0.0500	0.05239		mg/Kg		105	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05499		mg/Kg		110	80 - 125	2	20
1,1,1-Trichloroethane			0.0500	0.05467		mg/Kg		109	78 - 130	3	20
1,1,2,2-Tetrachloroethane			0.0500	0.04996		mg/Kg		100	80 - 124	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05299		mg/Kg		106	73 - 130	1	20
1,1,2-Trichloroethane			0.0500	0.05059		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.05174		mg/Kg		103	79 - 124	0	20
1,1-Dichloroethene			0.0500	0.05251		mg/Kg		105	74 - 132	0	20
1,1-Dichloropropene			0.0500	0.05491		mg/Kg		110	78 - 130	3	20
1,2,3-Trichlorobenzene			0.0500	0.05536		mg/Kg		111	80 - 123	1	20
1,2,3-Trichloropropane			0.0500	0.05298		mg/Kg		106	79 - 120	1	20
1,2,4-Trichlorobenzene			0.0500	0.05611		mg/Kg		112	80 - 125	1	20
1,2,4-Trimethylbenzene			0.0500	0.05562		mg/Kg		111	80 - 124	1	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04645		mg/Kg		93	67 - 120	1	20
1,2-Dibromoethane			0.0500	0.05356		mg/Kg		107	80 - 120	2	20
1,2-Dichlorobenzene			0.0500	0.05479		mg/Kg		110	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.05351		mg/Kg		107	77 - 120	0	20
1,2-Dichloropropane			0.0500	0.05165		mg/Kg		103	80 - 126	2	20
1,3,5-Trimethylbenzene			0.0500	0.05741		mg/Kg		115	80 - 121	2	20
1,3-Dichlorobenzene			0.0500	0.05658		mg/Kg		113	80 - 120	0	20
1,3-Dichloropropane			0.0500	0.05225		mg/Kg		104	80 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.05601		mg/Kg		112	80 - 120	1	20
2,2-Dichloropropane			0.0500	0.05385		mg/Kg		108	73 - 135	1	20
2-Butanone (MEK)			0.0500	0.05001		mg/Kg		100	67 - 136	4	20
2-Chlorotoluene			0.0500	0.05649		mg/Kg		113	80 - 120	2	20
2-Hexanone			0.0500	0.04663		mg/Kg		93	70 - 137	5	20
4-Chlorotoluene			0.0500	0.05466		mg/Kg		109	80 - 121	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	0.0500	0.04760		mg/Kg		95	74 - 124	2	20
Acetone	0.0500	0.04763		mg/Kg		95	61 - 142	5	23
Benzene	0.0500	0.05327		mg/Kg		107	80 - 120	2	20
Bromobenzene	0.0500	0.05634		mg/Kg		113	80 - 120	2	20
Bromochloromethane	0.0500	0.05348		mg/Kg		107	80 - 120	1	20
Bromodichloromethane	0.0500	0.05422		mg/Kg		108	80 - 125	2	20
Bromoform	0.0500	0.04905		mg/Kg		98	74 - 138	2	20
Bromomethane	0.0500	0.05818		mg/Kg		116	58 - 136	0	20
cis-1,2-Dichloroethene	0.0500	0.05298		mg/Kg		106	80 - 124	2	20
cis-1,3-Dichloropropene	0.0500	0.05434		mg/Kg		109	80 - 123	2	20
Carbon disulfide	0.0500	0.05147		mg/Kg		103	68 - 128	2	20
Carbon tetrachloride	0.0500	0.05472		mg/Kg		109	75 - 140	3	20
Chlorobenzene	0.0500	0.05528		mg/Kg		111	80 - 120	2	20
Chloroethane	0.0500	0.05489		mg/Kg		110	76 - 137	1	20
Chloroform	0.0500	0.05310		mg/Kg		106	80 - 121	2	20
Chloromethane	0.0500	0.05024		mg/Kg		100	74 - 133	1	20
Dibromochloromethane	0.0500	0.05291		mg/Kg		106	80 - 132	3	20
Dibromomethane	0.0500	0.05092		mg/Kg		102	80 - 120	3	20
Dichlorodifluoromethane	0.0500	0.05330		mg/Kg		107	63 - 146	0	20
Di-isopropyl ether (DIPE)	0.0500	0.04913		mg/Kg		98	73 - 132	3	20
Ethanol	0.500	0.4880		mg/Kg		98	46 - 159	2	30
Ethylbenzene	0.0500	0.05539		mg/Kg		111	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.04985		mg/Kg		100	77 - 129	1	20
Isopropylbenzene	0.0500	0.05623		mg/Kg		112	80 - 122	3	20
Methylene Chloride	0.0500	0.05057		mg/Kg		101	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04957		mg/Kg		99	79 - 123	2	20
Naphthalene	0.0500	0.05130		mg/Kg		103	79 - 121	0	20
n-Butylbenzene	0.0500	0.05791		mg/Kg		116	79 - 131	0	20
N-Propylbenzene	0.0500	0.05698		mg/Kg		114	80 - 122	3	20
o-Xylene	0.0500	0.05488		mg/Kg		110	80 - 120	3	20
m,p-Xylene	0.100	0.1127		mg/Kg		113	80 - 120	2	20
p-Isopropyltoluene	0.0500	0.05769		mg/Kg		115	80 - 126	1	20
sec-Butylbenzene	0.0500	0.05632		mg/Kg		113	80 - 125	1	20
Styrene	0.0500	0.05563		mg/Kg		111	80 - 120	3	20
trans-1,2-Dichloroethene	0.0500	0.05263		mg/Kg		105	75 - 123	0	20
trans-1,3-Dichloropropene	0.0500	0.05144		mg/Kg		103	80 - 124	5	20
Tert-amyl-methyl ether (TAME)	0.0500	0.04874		mg/Kg		97	80 - 120	2	20
tert-Butyl alcohol (TBA)	0.250	0.2358		mg/Kg		94	74 - 123	4	20
tert-Butylbenzene	0.0500	0.05531		mg/Kg		111	80 - 124	1	20
Tetrachloroethene	0.0500	0.05564		mg/Kg		111	80 - 122	1	20
Toluene	0.0500	0.05232		mg/Kg		105	80 - 120	2	20
Trichloroethene	0.0500	0.05418		mg/Kg		108	80 - 127	1	20
Trichlorofluoromethane	0.0500	0.05515		mg/Kg		110	70 - 144	1	20
Vinyl acetate	0.0500	0.04771		mg/Kg		95	71 - 125	4	20
Vinyl chloride	0.0500	0.05119		mg/Kg		102	79 - 133	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*58 - 147*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 570-511986/8
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/10/24 10:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/10/24 10:32	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/10/24 10:32	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/10/24 10:32	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/10/24 10:32	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/10/24 10:32	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/10/24 10:32	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/10/24 10:32	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/10/24 10:32	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/10/24 10:32	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/10/24 10:32	50
Acetone	ND		1.0	0.49	mg/Kg			12/10/24 10:32	50
Benzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/10/24 10:32	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/10/24 10:32	50
Bromoform	ND		0.25	0.066	mg/Kg			12/10/24 10:32	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/10/24 10:32	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/10/24 10:32	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/10/24 10:32	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/10/24 10:32	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511986/8
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.10	0.037	mg/Kg			12/10/24 10:32	50
Chloroform	ND		0.050	0.029	mg/Kg			12/10/24 10:32	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/10/24 10:32	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/10/24 10:32	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/10/24 10:32	50
Ethanol	ND		13	4.6	mg/Kg			12/10/24 10:32	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/10/24 10:32	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/10/24 10:32	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/10/24 10:32	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/10/24 10:32	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/10/24 10:32	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/10/24 10:32	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
Styrene	ND		0.050	0.016	mg/Kg			12/10/24 10:32	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/10/24 10:32	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/10/24 10:32	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/10/24 10:32	50
Toluene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/10/24 10:32	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/10/24 10:32	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/10/24 10:32	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/10/24 10:32	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*		*12/10/24 10:32*	*50*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/10/24 10:32*	*50*
Dibromofluoromethane (Surr)	*94*		*58 - 147*		*12/10/24 10:32*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/10/24 10:32*	*50*

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane			0.0500	0.05241		mg/Kg		105	80 - 125		
1,1,1-Trichloroethane			0.0500	0.05375		mg/Kg		107	78 - 130		
1,1,2,2-Tetrachloroethane			0.0500	0.04922		mg/Kg		98	80 - 124		

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05176		mg/Kg		104	73 - 130
1,1,2-Trichloroethane	0.0500	0.04993		mg/Kg		100	80 - 123
1,1-Dichloroethane	0.0500	0.04978		mg/Kg		100	79 - 124
1,1-Dichloroethene	0.0500	0.05036		mg/Kg		101	74 - 132
1,1-Dichloropropene	0.0500	0.04962		mg/Kg		99	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05102		mg/Kg		102	80 - 123
1,2,3-Trichloropropane	0.0500	0.04587		mg/Kg		92	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05097		mg/Kg		102	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04939		mg/Kg		99	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04439		mg/Kg		89	67 - 120
1,2-Dibromoethane	0.0500	0.05228		mg/Kg		105	80 - 120
1,2-Dichlorobenzene	0.0500	0.04912		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0500	0.04688		mg/Kg		94	77 - 120
1,2-Dichloropropane	0.0500	0.05033		mg/Kg		101	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05047		mg/Kg		101	80 - 121
1,3-Dichlorobenzene	0.0500	0.05063		mg/Kg		101	80 - 120
1,3-Dichloropropane	0.0500	0.04854		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0500	0.04966		mg/Kg		99	80 - 120
2,2-Dichloropropane	0.0500	0.05293		mg/Kg		106	73 - 135
2-Butanone (MEK)	0.0500	0.05789		mg/Kg		116	67 - 136
2-Chlorotoluene	0.0500	0.04895		mg/Kg		98	80 - 120
2-Hexanone	0.0500	0.04848		mg/Kg		97	70 - 137
4-Chlorotoluene	0.0500	0.04776		mg/Kg		96	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04639		mg/Kg		93	74 - 124
Acetone	0.0500	0.05293		mg/Kg		106	61 - 142
Benzene	0.0500	0.04963		mg/Kg		99	80 - 120
Bromobenzene	0.0500	0.05032		mg/Kg		101	80 - 120
Bromochloromethane	0.0500	0.05143		mg/Kg		103	80 - 120
Bromodichloromethane	0.0500	0.05320		mg/Kg		106	80 - 125
Bromoform	0.0500	0.05387		mg/Kg		108	74 - 138
Bromomethane	0.0500	0.04750		mg/Kg		95	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05022		mg/Kg		100	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05268		mg/Kg		105	80 - 123
Carbon disulfide	0.0500	0.05033		mg/Kg		101	68 - 128
Carbon tetrachloride	0.0500	0.05843		mg/Kg		117	75 - 140
Chlorobenzene	0.0500	0.04932		mg/Kg		99	80 - 120
Chloroethane	0.0500	0.04405		mg/Kg		88	76 - 137
Chloroform	0.0500	0.04959		mg/Kg		99	80 - 121
Chloromethane	0.0500	0.04278		mg/Kg		86	74 - 133
Dibromochloromethane	0.0500	0.05280		mg/Kg		106	80 - 132
Dibromomethane	0.0500	0.05180		mg/Kg		104	80 - 120
Dichlorodifluoromethane	0.0500	0.04628		mg/Kg		93	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04824		mg/Kg		96	73 - 132
Ethanol	0.500	0.4673		mg/Kg		93	46 - 159
Ethylbenzene	0.0500	0.04893		mg/Kg		98	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04835		mg/Kg		97	77 - 129
Isopropylbenzene	0.0500	0.05029		mg/Kg		101	80 - 122
Methylene Chloride	0.0500	0.04883		mg/Kg		98	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04639		mg/Kg		93	79 - 123		
Naphthalene			0.0500	0.04807		mg/Kg		96	79 - 121		
n-Butylbenzene			0.0500	0.05190		mg/Kg		104	79 - 131		
N-Propylbenzene			0.0500	0.05089		mg/Kg		102	80 - 122		
o-Xylene			0.0500	0.04944		mg/Kg		99	80 - 120		
m,p-Xylene			0.100	0.09871		mg/Kg		99	80 - 120		
p-Isopropyltoluene			0.0500	0.04980		mg/Kg		100	80 - 126		
sec-Butylbenzene			0.0500	0.05050		mg/Kg		101	80 - 125		
Styrene			0.0500	0.04975		mg/Kg		99	80 - 120		
trans-1,2-Dichloroethene			0.0500	0.05074		mg/Kg		101	75 - 123		
trans-1,3-Dichloropropene			0.0500	0.05321		mg/Kg		106	80 - 124		
Tert-amyl-methyl ether (TAME)			0.0500	0.04718		mg/Kg		94	80 - 120		
tert-Butyl alcohol (TBA)			0.250	0.2636		mg/Kg		105	74 - 123		
tert-Butylbenzene			0.0500	0.05051		mg/Kg		101	80 - 124		
Tetrachloroethene			0.0500	0.05149		mg/Kg		103	80 - 122		
Toluene			0.0500	0.05062		mg/Kg		101	80 - 120		
Trichloroethene			0.0500	0.05236		mg/Kg		105	80 - 127		
Trichlorofluoromethane			0.0500	0.05051		mg/Kg		101	70 - 144		
Vinyl acetate			0.0500	0.05289		mg/Kg		106	71 - 125		
Vinyl chloride			0.0500	0.04748		mg/Kg		95	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05383		mg/Kg		108	80 - 125	3	20
1,1,1-Trichloroethane			0.0500	0.05414		mg/Kg		108	78 - 130	1	20
1,1,2,2-Tetrachloroethane			0.0500	0.05050		mg/Kg		101	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05154		mg/Kg		103	73 - 130	0	20
1,1,2-Trichloroethane			0.0500	0.05040		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.05036		mg/Kg		101	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.05050		mg/Kg		101	74 - 132	0	20
1,1-Dichloropropene			0.0500	0.05015		mg/Kg		100	78 - 130	1	20
1,2,3-Trichlorobenzene			0.0500	0.05297		mg/Kg		106	80 - 123	4	20
1,2,3-Trichloropropane			0.0500	0.04590		mg/Kg		92	79 - 120	0	20
1,2,4-Trichlorobenzene			0.0500	0.05146		mg/Kg		103	80 - 125	1	20
1,2,4-Trimethylbenzene			0.0500	0.05074		mg/Kg		101	80 - 124	3	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04571		mg/Kg		91	67 - 120	3	20
1,2-Dibromoethane			0.0500	0.05221		mg/Kg		104	80 - 120	0	20
1,2-Dichlorobenzene			0.0500	0.05060		mg/Kg		101	80 - 120	3	20
1,2-Dichloroethane			0.0500	0.04726		mg/Kg		95	77 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	0.0500	0.05090		mg/Kg		102	80 - 126	1	20
1,3,5-Trimethylbenzene	0.0500	0.05116		mg/Kg		102	80 - 121	1	20
1,3-Dichlorobenzene	0.0500	0.05199		mg/Kg		104	80 - 120	3	20
1,3-Dichloropropane	0.0500	0.04990		mg/Kg		100	80 - 120	3	20
1,4-Dichlorobenzene	0.0500	0.05083		mg/Kg		102	80 - 120	2	20
2,2-Dichloropropane	0.0500	0.05378		mg/Kg		108	73 - 135	2	20
2-Butanone (MEK)	0.0500	0.05900		mg/Kg		118	67 - 136	2	20
2-Chlorotoluene	0.0500	0.04969		mg/Kg		99	80 - 120	2	20
2-Hexanone	0.0500	0.04504		mg/Kg		90	70 - 137	7	20
4-Chlorotoluene	0.0500	0.04940		mg/Kg		99	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.04689		mg/Kg		94	74 - 124	1	20
Acetone	0.0500	0.04699		mg/Kg		94	61 - 142	12	23
Benzene	0.0500	0.04992		mg/Kg		100	80 - 120	1	20
Bromobenzene	0.0500	0.05139		mg/Kg		103	80 - 120	2	20
Bromochloromethane	0.0500	0.05109		mg/Kg		102	80 - 120	1	20
Bromodichloromethane	0.0500	0.05412		mg/Kg		108	80 - 125	2	20
Bromoform	0.0500	0.05450		mg/Kg		109	74 - 138	1	20
Bromomethane	0.0500	0.04781		mg/Kg		96	58 - 136	1	20
cis-1,2-Dichloroethene	0.0500	0.05118		mg/Kg		102	80 - 124	2	20
cis-1,3-Dichloropropene	0.0500	0.05414		mg/Kg		108	80 - 123	3	20
Carbon disulfide	0.0500	0.05095		mg/Kg		102	68 - 128	1	20
Carbon tetrachloride	0.0500	0.05881		mg/Kg		118	75 - 140	1	20
Chlorobenzene	0.0500	0.05064		mg/Kg		101	80 - 120	3	20
Chloroethane	0.0500	0.04448		mg/Kg		89	76 - 137	1	20
Chloroform	0.0500	0.04996		mg/Kg		100	80 - 121	1	20
Chloromethane	0.0500	0.04374		mg/Kg		87	74 - 133	2	20
Dibromochloromethane	0.0500	0.05351		mg/Kg		107	80 - 132	1	20
Dibromomethane	0.0500	0.05224		mg/Kg		104	80 - 120	1	20
Dichlorodifluoromethane	0.0500	0.04609		mg/Kg		92	63 - 146	0	20
Di-isopropyl ether (DIPE)	0.0500	0.04936		mg/Kg		99	73 - 132	2	20
Ethanol	0.500	0.4455		mg/Kg		89	46 - 159	5	30
Ethylbenzene	0.0500	0.05013		mg/Kg		100	80 - 120	2	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.04966		mg/Kg		99	77 - 129	3	20
Isopropylbenzene	0.0500	0.05132		mg/Kg		103	80 - 122	2	20
Methylene Chloride	0.0500	0.04927		mg/Kg		99	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04739		mg/Kg		95	79 - 123	2	20
Naphthalene	0.0500	0.04937		mg/Kg		99	79 - 121	3	20
n-Butylbenzene	0.0500	0.05289		mg/Kg		106	79 - 131	2	20
N-Propylbenzene	0.0500	0.05155		mg/Kg		103	80 - 122	1	20
o-Xylene	0.0500	0.05021		mg/Kg		100	80 - 120	2	20
m,p-Xylene	0.100	0.1007		mg/Kg		101	80 - 120	2	20
p-Isopropyltoluene	0.0500	0.05138		mg/Kg		103	80 - 126	3	20
sec-Butylbenzene	0.0500	0.05245		mg/Kg		105	80 - 125	4	20
Styrene	0.0500	0.05090		mg/Kg		102	80 - 120	2	20
trans-1,2-Dichloroethene	0.0500	0.05146		mg/Kg		103	75 - 123	1	20
trans-1,3-Dichloropropene	0.0500	0.05408		mg/Kg		108	80 - 124	2	20
Tert-amyl-methyl ether (TAME)	0.0500	0.04846		mg/Kg		97	80 - 120	3	20
tert-Butyl alcohol (TBA)	0.250	0.2511		mg/Kg		100	74 - 123	5	20
tert-Butylbenzene	0.0500	0.05208		mg/Kg		104	80 - 124	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene			0.0500	0.05245		mg/Kg		105	80 - 122	2	20
Toluene			0.0500	0.05164		mg/Kg		103	80 - 120	2	20
Trichloroethene			0.0500	0.05297		mg/Kg		106	80 - 127	1	20
Trichlorofluoromethane			0.0500	0.05007		mg/Kg		100	70 - 144	1	20
Vinyl acetate			0.0500	0.05406		mg/Kg		108	71 - 125	2	20
Vinyl chloride			0.0500	0.04780		mg/Kg		96	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510295/1-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/05/24 06:34	12/07/24 18:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510295/1-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.50	0.079	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Aniline	ND		0.50	0.095	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Anthracene	ND		0.50	0.078	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzidine	ND		5.0	0.58	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Chrysene	ND		0.50	0.083	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Fluorene	ND		0.50	0.094	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Isophorone	ND		0.50	0.080	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Phenol	ND		0.50	0.097	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Pyrene	ND		0.50	0.10	mg/Kg		12/05/24 06:34	12/07/24 18:46	1
Pyridine	ND		0.50	0.24	mg/Kg		12/05/24 06:34	12/07/24 18:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 134*	*12/05/24 06:34*	*12/07/24 18:46*	*1*
2-Fluorobiphenyl (Surr)	*98*		*14 - 142*	*12/05/24 06:34*	*12/07/24 18:46*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510295/1-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510295

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	98		10 - 123	12/05/24 06:34	12/07/24 18:46	1
Nitrobenzene-d5 (Surr)	95		10 - 129	12/05/24 06:34	12/07/24 18:46	1
p-Terphenyl-d14 (Surr)	87		31 - 139	12/05/24 06:34	12/07/24 18:46	1
Phenol-d6 (Surr)	89		10 - 120	12/05/24 06:34	12/07/24 18:46	1

Lab Sample ID: LCS 570-510295/2-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.112		mg/Kg		82	24 - 137
1,2-Dichlorobenzene	5.00	3.945		mg/Kg		79	24 - 148
1,3-Dichlorobenzene	5.00	3.990		mg/Kg		80	22 - 144
1,4-Dichlorobenzene	5.00	3.773		mg/Kg		75	24 - 143
1-Methylnaphthalene	5.00	4.234		mg/Kg		85	26 - 143
2,4,5-Trichlorophenol	5.00	4.438		mg/Kg		89	24 - 139
2,4,6-Trichlorophenol	5.00	4.467		mg/Kg		89	26 - 140
2,4-Dichlorophenol	5.00	4.592		mg/Kg		92	24 - 139
2,4-Dimethylphenol	5.00	4.416		mg/Kg		88	23 - 136
2,4-Dinitrophenol	5.00	4.668		mg/Kg		93	10 - 174
2,4-Dinitrotoluene	5.00	4.894		mg/Kg		98	28 - 166
2,6-Dichlorophenol	5.00	4.454		mg/Kg		89	23 - 134
2,6-Dinitrotoluene	5.00	4.684		mg/Kg		94	30 - 157
2-Chloronaphthalene	5.00	4.212		mg/Kg		84	30 - 144
2-Chlorophenol	5.00	4.622		mg/Kg		92	26 - 157
2-Methylnaphthalene	5.00	4.517		mg/Kg		90	23 - 134
2-Methylphenol	5.00	5.463		mg/Kg		109	30 - 161
2-Nitroaniline	5.00	4.293		mg/Kg		86	16 - 142
2-Nitrophenol	5.00	4.174		mg/Kg		83	23 - 142
3,3'-Dichlorobenzidine	5.00	3.866		mg/Kg		77	28 - 143
3/4-Methylphenol	10.0	10.37		mg/Kg		104	10 - 120
3-Nitroaniline	5.00	4.366		mg/Kg		87	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.787		mg/Kg		96	10 - 144
4-Bromophenyl phenyl ether	5.00	3.780		mg/Kg		76	33 - 150
4-Chloro-3-methylphenol	5.00	4.612		mg/Kg		92	23 - 142
4-Chloroaniline	5.00	3.711		mg/Kg		74	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.448		mg/Kg		89	29 - 143
4-Nitroaniline	5.00	5.339		mg/Kg		107	26 - 147
4-Nitrophenol	5.00	3.459		mg/Kg		69	10 - 145
Acenaphthene	5.00	4.180		mg/Kg		84	30 - 144
Acenaphthylene	5.00	4.162		mg/Kg		83	28 - 148
Aniline	5.00	4.023		mg/Kg		80	10 - 120
Anthracene	5.00	4.059		mg/Kg		81	30 - 149
Azobenzene	5.00	3.989		mg/Kg		80	14 - 147
Benzidine	5.00	1.124	J	mg/Kg		22	10 - 120
Benzo[a]anthracene	5.00	4.588		mg/Kg		92	27 - 156
Benzo[a]pyrene	5.00	4.774		mg/Kg		95	36 - 157
Benzo[b]fluoranthene	5.00	4.756		mg/Kg		95	35 - 159

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510295/2-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	5.00	3.243		mg/Kg		65	30 - 156
Benzo[k]fluoranthene	5.00	4.544		mg/Kg		91	35 - 159
Benzoic acid	5.00	1.979	J	mg/Kg		40	10 - 136
Benzyl alcohol	5.00	4.772		mg/Kg		95	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.779		mg/Kg		96	21 - 140
Bis(2-chloroethyl)ether	5.00	4.505		mg/Kg		90	22 - 151
bis (2-Chloroisopropyl) ether	5.00	3.797		mg/Kg		76	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.311		mg/Kg		86	23 - 166
Butyl benzyl phthalate	5.00	4.073		mg/Kg		81	18 - 170
Chrysene	5.00	4.292		mg/Kg		86	28 - 145
Dibenz(a,h)anthracene	5.00	3.623		mg/Kg		72	32 - 149
Dibenzofuran	5.00	4.637		mg/Kg		93	29 - 143
Diethyl phthalate	5.00	4.394		mg/Kg		88	26 - 151
Dimethyl phthalate	5.00	4.197		mg/Kg		84	27 - 150
Di-n-butyl phthalate	5.00	4.143		mg/Kg		83	27 - 152
Di-n-octyl phthalate	5.00	4.713		mg/Kg		94	40 - 178
Fluoranthene	5.00	4.197		mg/Kg		84	33 - 156
Fluorene	5.00	4.477		mg/Kg		90	27 - 146
Hexachloro-1,3-butadiene	5.00	4.130		mg/Kg		83	22 - 140
Hexachlorobenzene	5.00	3.539		mg/Kg		71	20 - 143
Hexachlorocyclopentadiene	5.00	4.236		mg/Kg		85	10 - 172
Hexachloroethane	5.00	3.658		mg/Kg		73	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	3.741		mg/Kg		75	38 - 157
Isophorone	5.00	4.360		mg/Kg		87	15 - 165
Naphthalene	5.00	3.896		mg/Kg		78	25 - 140
Nitrobenzene	5.00	4.094		mg/Kg		82	17 - 136
N-Nitrosodimethylamine	5.00	3.984		mg/Kg		80	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.383		mg/Kg		88	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.991		mg/Kg		100	33 - 166
Pentachlorophenol	5.00	4.586		mg/Kg		92	10 - 141
Phenanthrene	5.00	4.195		mg/Kg		84	29 - 144
Phenol	5.00	4.602		mg/Kg		92	19 - 164
Pyrene	5.00	4.380		mg/Kg		88	17 - 156
Pyridine	5.00	2.541		mg/Kg		51	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 134*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*
2-Fluorophenol (Surr)	*93*		*10 - 123*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*
Phenol-d6 (Surr)	*100*		*10 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510295/3-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.134		mg/Kg		83	24 - 137	1	30
1,2-Dichlorobenzene	5.00	3.980		mg/Kg		80	24 - 148	1	30
1,3-Dichlorobenzene	5.00	3.842		mg/Kg		77	22 - 144	4	30
1,4-Dichlorobenzene	5.00	3.594		mg/Kg		72	24 - 143	5	30
1-Methylnaphthalene	5.00	4.174		mg/Kg		83	26 - 143	1	24
2,4,5-Trichlorophenol	5.00	4.369		mg/Kg		87	24 - 139	2	21
2,4,6-Trichlorophenol	5.00	4.294		mg/Kg		86	26 - 140	4	23
2,4-Dichlorophenol	5.00	4.407		mg/Kg		88	24 - 139	4	27
2,4-Dimethylphenol	5.00	4.281		mg/Kg		86	23 - 136	3	27
2,4-Dinitrophenol	5.00	3.971		mg/Kg		79	10 - 174	16	27
2,4-Dinitrotoluene	5.00	4.606		mg/Kg		92	28 - 166	6	27
2,6-Dichlorophenol	5.00	4.476		mg/Kg		90	23 - 134	0	25
2,6-Dinitrotoluene	5.00	4.461		mg/Kg		89	30 - 157	5	25
2-Chloronaphthalene	5.00	4.114		mg/Kg		82	30 - 144	2	22
2-Chlorophenol	5.00	4.427		mg/Kg		89	26 - 157	4	30
2-Methylnaphthalene	5.00	4.710		mg/Kg		94	23 - 134	4	27
2-Methylphenol	5.00	5.270		mg/Kg		105	30 - 161	4	28
2-Nitroaniline	5.00	4.104		mg/Kg		82	16 - 142	4	30
2-Nitrophenol	5.00	4.288		mg/Kg		86	23 - 142	3	30
3,3'-Dichlorobenzidine	5.00	3.542		mg/Kg		71	28 - 143	9	23
3/4-Methylphenol	10.0	10.18		mg/Kg		102	10 - 120	2	30
3-Nitroaniline	5.00	4.321		mg/Kg		86	25 - 138	1	27
4,6-Dinitro-2-methylphenol	5.00	4.269		mg/Kg		85	10 - 144	11	23
4-Bromophenyl phenyl ether	5.00	3.612		mg/Kg		72	33 - 150	5	22
4-Chloro-3-methylphenol	5.00	4.622		mg/Kg		92	23 - 142	0	30
4-Chloroaniline	5.00	3.706		mg/Kg		74	12 - 120	0	29
4-Chlorophenyl phenyl ether	5.00	4.246		mg/Kg		85	29 - 143	5	23
4-Nitroaniline	5.00	4.937		mg/Kg		99	26 - 147	8	29
4-Nitrophenol	5.00	3.255		mg/Kg		65	10 - 145	6	30
Acenaphthene	5.00	4.046		mg/Kg		81	30 - 144	3	22
Acenaphthylene	5.00	4.203		mg/Kg		84	28 - 148	1	25
Aniline	5.00	3.898		mg/Kg		78	10 - 120	3	30
Anthracene	5.00	3.972		mg/Kg		79	30 - 149	2	24
Azobenzene	5.00	3.674		mg/Kg		73	14 - 147	8	30
Benzidine	5.00	1.247	J	mg/Kg		25	10 - 120	10	30
Benzo[a]anthracene	5.00	4.400		mg/Kg		88	27 - 156	4	24
Benzo[a]pyrene	5.00	3.925		mg/Kg		78	36 - 157	20	21
Benzo[b]fluoranthene	5.00	3.823	*1	mg/Kg		76	35 - 159	22	21
Benzo[g,h,i]perylene	5.00	3.118		mg/Kg		62	30 - 156	4	25
Benzo[k]fluoranthene	5.00	4.161		mg/Kg		83	35 - 159	9	22
Benzoic acid	5.00	1.904	J	mg/Kg		38	10 - 136	4	20
Benzyl alcohol	5.00	4.461		mg/Kg		89	18 - 154	7	30
Bis(2-chloroethoxy)methane	5.00	4.552		mg/Kg		91	21 - 140	5	29
Bis(2-chloroethyl)ether	5.00	4.514		mg/Kg		90	22 - 151	0	30
bis (2-Chloroisopropyl) ether	5.00	3.584		mg/Kg		72	10 - 179	6	30
Bis(2-ethylhexyl) phthalate	5.00	4.209		mg/Kg		84	23 - 166	2	27
Butyl benzyl phthalate	5.00	4.041		mg/Kg		81	18 - 170	1	29
Chrysene	5.00	4.072		mg/Kg		81	28 - 145	5	21

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510295/3-A
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	5.00	3.411		mg/Kg		68	32 - 149	6	25
Dibenzofuran	5.00	4.161		mg/Kg		83	29 - 143	11	24
Diethyl phthalate	5.00	3.944		mg/Kg		79	26 - 151	11	26
Dimethyl phthalate	5.00	3.998		mg/Kg		80	27 - 150	5	24
Di-n-butyl phthalate	5.00	3.754		mg/Kg		75	27 - 152	10	27
Di-n-octyl phthalate	5.00	4.326		mg/Kg		87	40 - 178	9	21
Fluoranthene	5.00	4.144		mg/Kg		83	33 - 156	1	26
Fluorene	5.00	4.405		mg/Kg		88	27 - 146	2	26
Hexachloro-1,3-butadiene	5.00	4.223		mg/Kg		84	22 - 140	2	30
Hexachlorobenzene	5.00	3.161		mg/Kg		63	20 - 143	11	25
Hexachlorocyclopentadiene	5.00	4.151		mg/Kg		83	10 - 172	2	27
Hexachloroethane	5.00	3.606		mg/Kg		72	22 - 144	1	30
Indeno[1,2,3-cd]pyrene	5.00	3.602		mg/Kg		72	38 - 157	4	25
Isophorone	5.00	4.217		mg/Kg		84	15 - 165	3	30
Naphthalene	5.00	4.226		mg/Kg		85	25 - 140	8	28
Nitrobenzene	5.00	4.174		mg/Kg		83	17 - 136	2	30
N-Nitrosodimethylamine	5.00	3.762		mg/Kg		75	10 - 134	6	30
N-Nitrosodi-n-propylamine	5.00	4.300		mg/Kg		86	16 - 158	2	30
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.582		mg/Kg		92	33 - 166	9	23
Pentachlorophenol	5.00	3.863		mg/Kg		77	10 - 141	17	25
Phenanthrene	5.00	4.017		mg/Kg		80	29 - 144	4	23
Phenol	5.00	4.437		mg/Kg		89	19 - 164	4	30
Pyrene	5.00	4.111		mg/Kg		82	17 - 156	6	27
Pyridine	5.00	2.677		mg/Kg		54	10 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 134*
2-Fluorobiphenyl (Surr)	*86*		*14 - 142*
2-Fluorophenol (Surr)	*90*		*10 - 123*
Nitrobenzene-d5 (Surr)	*87*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*98*		*10 - 120*

Lab Sample ID: 570-209335-19 MS
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.65	4.511		mg/Kg	☼	80	50 - 125
1,2-Dichlorobenzene	ND		5.65	4.359		mg/Kg	☼	77	42 - 125
1,3-Dichlorobenzene	ND		5.65	4.128		mg/Kg	☼	73	40 - 125
1,4-Dichlorobenzene	ND		5.65	4.019		mg/Kg	☼	71	45 - 125
1-Methylnaphthalene	ND		5.65	4.212		mg/Kg	☼	75	54 - 125
2,4,5-Trichlorophenol	ND		5.65	5.367		mg/Kg	☼	95	35 - 125
2,4,6-Trichlorophenol	ND		5.65	5.159		mg/Kg	☼	91	33 - 126
2,4-Dichlorophenol	ND		5.65	5.354		mg/Kg	☼	95	45 - 125
2,4-Dimethylphenol	ND		5.65	4.957		mg/Kg	☼	88	44 - 125
2,4-Dinitrophenol	ND	F1	5.65	ND	F1	mg/Kg	☼	0	10 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-19 MS
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	ND		5.65	4.700		mg/Kg	☼	83	47 - 125
2,6-Dichlorophenol	ND		5.65	4.763		mg/Kg	☼	84	38 - 125
2,6-Dinitrotoluene	ND		5.65	5.029		mg/Kg	☼	89	41 - 125
2-Chloronaphthalene	ND		5.65	5.156		mg/Kg	☼	91	47 - 125
2-Chlorophenol	ND		5.65	4.904		mg/Kg	☼	87	49 - 125
2-Methylnaphthalene	ND		5.65	5.068		mg/Kg	☼	90	42 - 125
2-Methylphenol	ND		5.65	5.633		mg/Kg	☼	100	46 - 125
2-Nitroaniline	ND		5.65	4.818		mg/Kg	☼	85	43 - 125
2-Nitrophenol	ND		5.65	4.196		mg/Kg	☼	74	25 - 126
3,3'-Dichlorobenzidine	ND		5.65	3.891	J	mg/Kg	☼	69	29 - 125
3/4-Methylphenol	ND		11.3	10.98		mg/Kg	☼	97	26 - 125
3-Nitroaniline	ND		5.65	4.941		mg/Kg	☼	87	39 - 125
4,6-Dinitro-2-methylphenol	ND	F1	5.65	8.955	J F1	mg/Kg	☼	159	10 - 125
4-Bromophenyl phenyl ether	ND		5.65	4.171		mg/Kg	☼	74	47 - 125
4-Chloro-3-methylphenol	ND		5.65	5.386		mg/Kg	☼	95	53 - 125
4-Chloroaniline	ND		5.65	4.024		mg/Kg	☼	71	33 - 125
4-Chlorophenyl phenyl ether	ND		5.65	5.198		mg/Kg	☼	92	49 - 125
4-Nitroaniline	ND		5.65	5.233		mg/Kg	☼	93	35 - 125
4-Nitrophenol	ND		5.65	4.067		mg/Kg	☼	72	22 - 134
Acenaphthene	ND		5.65	4.796		mg/Kg	☼	85	51 - 125
Acenaphthylene	ND		5.65	4.842		mg/Kg	☼	86	54 - 125
Aniline	ND		5.65	3.470		mg/Kg	☼	61	24 - 125
Anthracene	ND		5.65	4.840		mg/Kg	☼	86	50 - 125
Azobenzene	ND		5.65	5.094		mg/Kg	☼	90	48 - 125
Benzidine	ND	F1	5.65	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.65	4.486		mg/Kg	☼	79	62 - 125
Benzo[a]pyrene	ND		5.65	4.175		mg/Kg	☼	74	55 - 131
Benzo[b]fluoranthene	ND	*1	5.65	3.978		mg/Kg	☼	70	49 - 128
Benzo[g,h,i]perylene	ND		5.65	4.236		mg/Kg	☼	75	56 - 125
Benzo[k]fluoranthene	ND		5.65	4.056		mg/Kg	☼	72	48 - 125
Benzoic acid	ND	F1	5.65	9.259	J F1	mg/Kg	☼	164	10 - 125
Benzyl alcohol	ND		5.65	4.512		mg/Kg	☼	80	47 - 125
Bis(2-chloroethoxy)methane	ND		5.65	4.794		mg/Kg	☼	85	48 - 125
Bis(2-chloroethyl)ether	ND		5.65	4.482	J	mg/Kg	☼	79	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.65	3.876		mg/Kg	☼	69	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.65	5.482		mg/Kg	☼	97	50 - 125
Butyl benzyl phthalate	ND		5.65	5.487		mg/Kg	☼	97	58 - 125
Chrysene	ND		5.65	4.554		mg/Kg	☼	81	53 - 125
Dibenz(a,h)anthracene	ND		5.65	4.448		mg/Kg	☼	79	57 - 125
Dibenzofuran	ND		5.65	4.934		mg/Kg	☼	87	47 - 125
Diethyl phthalate	ND		5.65	4.425		mg/Kg	☼	78	53 - 125
Dimethyl phthalate	ND		5.65	4.431		mg/Kg	☼	78	52 - 125
Di-n-butyl phthalate	ND		5.65	4.252		mg/Kg	☼	75	49 - 125
Di-n-octyl phthalate	ND		5.65	5.726		mg/Kg	☼	101	57 - 125
Fluoranthene	ND		5.65	4.115		mg/Kg	☼	73	50 - 125
Fluorene	ND		5.65	5.104		mg/Kg	☼	90	54 - 125
Hexachloro-1,3-butadiene	ND		5.65	4.710		mg/Kg	☼	83	43 - 125
Hexachlorobenzene	ND		5.65	4.245		mg/Kg	☼	75	55 - 125
Hexachlorocyclopentadiene	ND		5.65	1.171	J	mg/Kg	☼	21	10 - 150

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-19 MS
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloroethane	ND		5.65	4.010		mg/Kg	☼	71	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.65	4.568		mg/Kg	☼	81	55 - 125
Isophorone	ND		5.65	4.089		mg/Kg	☼	72	50 - 125
Naphthalene	ND		5.65	4.392		mg/Kg	☼	78	39 - 127
Nitrobenzene	ND		5.65	4.529	J	mg/Kg	☼	80	43 - 125
N-Nitrosodimethylamine	ND		5.65	3.259		mg/Kg	☼	58	36 - 125
N-Nitrosodi-n-propylamine	ND		5.65	5.007		mg/Kg	☼	89	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	5.65	5.632		mg/Kg	☼	100	57 - 134
Pentachlorophenol	ND		5.65	ND		mg/Kg	☼	NC	10 - 125
Phenanthrene	ND		5.65	4.457		mg/Kg	☼	79	51 - 125
Phenol	ND		5.65	4.313		mg/Kg	☼	76	45 - 125
Pyrene	ND		5.65	5.273		mg/Kg	☼	93	56 - 125
Pyridine	ND		5.65	2.972		mg/Kg	☼	53	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 134*
2-Fluorobiphenyl (Surr)	*94*		*14 - 142*
2-Fluorophenol (Surr)	*86*		*10 - 123*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*
Phenol-d6 (Surr)	*92*		*10 - 120*

Lab Sample ID: 570-209335-19 MSD
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.69	4.745		mg/Kg	☼	83	50 - 125	5	20
1,2-Dichlorobenzene	ND		5.69	4.396		mg/Kg	☼	77	42 - 125	1	20
1,3-Dichlorobenzene	ND		5.69	4.102		mg/Kg	☼	72	40 - 125	1	21
1,4-Dichlorobenzene	ND		5.69	3.986		mg/Kg	☼	70	45 - 125	1	24
1-Methylnaphthalene	ND		5.69	4.321		mg/Kg	☼	76	54 - 125	3	20
2,4,5-Trichlorophenol	ND		5.69	5.473		mg/Kg	☼	96	35 - 125	2	20
2,4,6-Trichlorophenol	ND		5.69	5.087		mg/Kg	☼	89	33 - 126	1	20
2,4-Dichlorophenol	ND		5.69	5.211		mg/Kg	☼	92	45 - 125	3	20
2,4-Dimethylphenol	ND		5.69	5.103		mg/Kg	☼	90	44 - 125	3	20
2,4-Dinitrophenol	ND	F1	5.69	ND	F1	mg/Kg	☼	0	10 - 125	NC	22
2,4-Dinitrotoluene	ND		5.69	4.875		mg/Kg	☼	86	47 - 125	4	20
2,6-Dichlorophenol	ND		5.69	5.146		mg/Kg	☼	90	38 - 125	8	20
2,6-Dinitrotoluene	ND		5.69	4.729		mg/Kg	☼	83	41 - 125	6	20
2-Chloronaphthalene	ND		5.69	5.107		mg/Kg	☼	90	47 - 125	1	20
2-Chlorophenol	ND		5.69	4.895		mg/Kg	☼	86	49 - 125	0	20
2-Methylnaphthalene	ND		5.69	5.146		mg/Kg	☼	90	42 - 125	2	20
2-Methylphenol	ND		5.69	5.521		mg/Kg	☼	97	46 - 125	2	20
2-Nitroaniline	ND		5.69	4.821		mg/Kg	☼	85	43 - 125	0	20
2-Nitrophenol	ND		5.69	4.644		mg/Kg	☼	82	25 - 126	10	21
3,3'-Dichlorobenzidine	ND		5.69	4.424	J	mg/Kg	☼	78	29 - 125	13	20
3/4-Methylphenol	ND		11.4	10.88		mg/Kg	☼	96	26 - 125	1	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-19 MSD
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	ND		5.69	5.327		mg/Kg	☼	94	39 - 125	8	20
4,6-Dinitro-2-methylphenol	ND	F1	5.69	8.516	J F1	mg/Kg	☼	150	10 - 125	5	24
4-Bromophenyl phenyl ether	ND		5.69	5.120		mg/Kg	☼	90	47 - 125	20	20
4-Chloro-3-methylphenol	ND		5.69	5.433		mg/Kg	☼	95	53 - 125	1	20
4-Chloroaniline	ND		5.69	4.212		mg/Kg	☼	74	33 - 125	5	20
4-Chlorophenyl phenyl ether	ND		5.69	5.131		mg/Kg	☼	90	49 - 125	1	20
4-Nitroaniline	ND		5.69	4.884		mg/Kg	☼	86	35 - 125	7	20
4-Nitrophenol	ND		5.69	3.788		mg/Kg	☼	67	22 - 134	7	21
Acenaphthene	ND		5.69	4.680		mg/Kg	☼	82	51 - 125	2	20
Acenaphthylene	ND		5.69	4.658		mg/Kg	☼	82	54 - 125	4	20
Aniline	ND		5.69	4.050		mg/Kg	☼	71	24 - 125	15	20
Anthracene	ND		5.69	5.298		mg/Kg	☼	93	50 - 125	9	20
Azobenzene	ND		5.69	5.949		mg/Kg	☼	105	48 - 125	15	20
Benzidine	ND	F1	5.69	ND	F1	mg/Kg	☼	0	10 - 126	NC	30
Benzo[a]anthracene	ND		5.69	4.660		mg/Kg	☼	82	62 - 125	4	20
Benzo[a]pyrene	ND		5.69	4.656		mg/Kg	☼	82	55 - 131	11	20
Benzo[b]fluoranthene	ND	*1	5.69	4.532		mg/Kg	☼	80	49 - 128	13	20
Benzo[g,h,i]perylene	ND		5.69	4.881		mg/Kg	☼	86	56 - 125	14	20
Benzo[k]fluoranthene	ND		5.69	4.533		mg/Kg	☼	80	48 - 125	11	20
Benzoic acid	ND	F1	5.69	ND	F1	mg/Kg	☼	0	10 - 125	NC	35
Benzyl alcohol	ND		5.69	4.840		mg/Kg	☼	85	47 - 125	7	20
Bis(2-chloroethoxy)methane	ND		5.69	4.755		mg/Kg	☼	84	48 - 125	1	20
Bis(2-chloroethyl)ether	ND		5.69	4.924	J	mg/Kg	☼	87	43 - 125	9	20
bis (2-Chloroisopropyl) ether	ND		5.69	4.088		mg/Kg	☼	72	46 - 125	5	20
Bis(2-ethylhexyl) phthalate	ND		5.69	5.843		mg/Kg	☼	103	50 - 125	6	20
Butyl benzyl phthalate	ND		5.69	5.894		mg/Kg	☼	104	58 - 125	7	20
Chrysene	ND		5.69	4.904		mg/Kg	☼	86	53 - 125	7	20
Dibenz(a,h)anthracene	ND		5.69	5.137		mg/Kg	☼	90	57 - 125	14	20
Dibenzofuran	ND		5.69	5.106		mg/Kg	☼	90	47 - 125	3	20
Diethyl phthalate	ND		5.69	4.361		mg/Kg	☼	77	53 - 125	1	20
Dimethyl phthalate	ND		5.69	4.384		mg/Kg	☼	77	52 - 125	1	20
Di-n-butyl phthalate	ND		5.69	4.643		mg/Kg	☼	82	49 - 125	9	20
Di-n-octyl phthalate	ND		5.69	5.896		mg/Kg	☼	104	57 - 125	3	20
Fluoranthene	ND		5.69	4.155		mg/Kg	☼	73	50 - 125	1	20
Fluorene	ND		5.69	5.113		mg/Kg	☼	90	54 - 125	0	20
Hexachloro-1,3-butadiene	ND		5.69	4.979		mg/Kg	☼	87	43 - 125	6	20
Hexachlorobenzene	ND		5.69	4.879		mg/Kg	☼	86	55 - 125	14	20
Hexachlorocyclopentadiene	ND		5.69	0.9690	J	mg/Kg	☼	17	10 - 150	19	33
Hexachloroethane	ND		5.69	4.262		mg/Kg	☼	75	27 - 125	6	27
Indeno[1,2,3-cd]pyrene	ND		5.69	5.152		mg/Kg	☼	91	55 - 125	12	20
Isophorone	ND		5.69	4.543		mg/Kg	☼	80	50 - 125	11	20
Naphthalene	ND		5.69	4.458		mg/Kg	☼	78	39 - 127	1	20
Nitrobenzene	ND		5.69	4.283	J	mg/Kg	☼	75	43 - 125	6	20
N-Nitrosodimethylamine	ND		5.69	3.404		mg/Kg	☼	60	36 - 125	4	26
N-Nitrosodi-n-propylamine	ND		5.69	4.209		mg/Kg	☼	74	47 - 125	17	20
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	5.69	6.996	F2	mg/Kg	☼	123	57 - 134	22	20
Pentachlorophenol	ND		5.69	ND		mg/Kg	☼	NC	10 - 125	NC	20
Phenanthrene	ND		5.69	5.126		mg/Kg	☼	90	51 - 125	14	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-19 MSD
Matrix: Solid
Analysis Batch: 511364

Client Sample ID: SB20-2.0
Prep Type: Total/NA
Prep Batch: 510295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol	ND		5.69	5.016		mg/Kg	☼	88	45 - 125	15	20
Pyrene	ND		5.69	6.091		mg/Kg	☼	107	56 - 125	14	20
Pyridine	ND		5.69	2.935		mg/Kg	☼	52	17 - 125	1	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 134*
2-Fluorobiphenyl (Surr)	*86*		*14 - 142*
2-Fluorophenol (Surr)	*84*		*10 - 123*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*
p-Terphenyl-d14 (Surr)	*113*		*31 - 139*
Phenol-d6 (Surr)	*94*		*10 - 120*

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.77	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,2-Dichlorobenzene	ND		10	0.59	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,3-Dichlorobenzene	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,4-Dichlorobenzene	ND		10	0.70	ug/L		12/05/24 09:15	12/09/24 14:51	1
1-Methylnaphthalene	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dimethylphenol	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrophenol	ND		50	13	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chloronaphthalene	ND		10	0.69	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chlorophenol	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylnaphthalene	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylphenol	ND		10	0.80	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Nitroaniline	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Nitrophenol	ND		10	2.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
3,3'-Dichlorobenzidine	ND		10	2.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
3/4-Methylphenol	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
3-Nitroaniline	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloroaniline	ND		10	0.92	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chlorophenyl phenyl ether	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitroaniline	ND		10	2.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitrophenol	ND		10	3.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
Acenaphthene	ND		10	0.91	ug/L		12/05/24 09:15	12/09/24 14:51	1
Acenaphthylene	ND		10	0.87	ug/L		12/05/24 09:15	12/09/24 14:51	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		10	0.79	ug/L		12/05/24 09:15	12/09/24 14:51	1
Anthracene	ND		10	0.98	ug/L		12/05/24 09:15	12/09/24 14:51	1
Azobenzene	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzidine	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]anthracene	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[b]fluoranthene	ND		10	1.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzoic acid	ND		50	15	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzyl alcohol	ND		10	2.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethyl)ether	ND		25	7.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		10	4.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Butyl benzyl phthalate	ND		10	4.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Chrysene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenz(a,h)anthracene	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenzofuran	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Diethyl phthalate	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dimethyl phthalate	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-butyl phthalate	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-octyl phthalate	ND		10	4.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluoranthene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluorene	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorobenzene	ND		10	0.89	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloroethane	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
Indeno[1,2,3-cd]pyrene	ND		10	3.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Isophorone	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Naphthalene	ND		10	3.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Nitrobenzene	ND		25	7.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodimethylamine	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodi-n-propylamine	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pentachlorophenol	ND		10	4.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenanthrene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenol	ND		10	0.42	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyrene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyridine	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*27 - 140*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
2-Fluorobiphenyl (Surr)	*80*		*28 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
2-Fluorophenol (Surr)	*43*		*20 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
Nitrobenzene-d5 (Surr)	*75*		*31 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	88		45 - 136	12/05/24 09:15	12/09/24 14:51	1
Phenol-d6 (Surr)	24		20 - 120	12/05/24 09:15	12/09/24 14:51	1

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	100	71.24		ug/L		71	20 - 120
1,2-Dichlorobenzene	100	68.84		ug/L		69	16 - 122
1,3-Dichlorobenzene	100	64.70		ug/L		65	14 - 120
1,4-Dichlorobenzene	100	62.83		ug/L		63	15 - 120
1-Methylnaphthalene	100	69.53		ug/L		70	21 - 129
2,4,5-Trichlorophenol	100	77.75		ug/L		78	26 - 144
2,4,6-Trichlorophenol	100	77.91		ug/L		78	27 - 143
2,4-Dichlorophenol	100	76.63		ug/L		77	22 - 128
2,4-Dimethylphenol	100	68.66		ug/L		69	20 - 125
2,4-Dinitrophenol	100	80.89		ug/L		81	10 - 180
2,4-Dinitrotoluene	100	73.98		ug/L		74	28 - 160
2,6-Dichlorophenol	100	77.82		ug/L		78	22 - 124
2,6-Dinitrotoluene	100	74.96		ug/L		75	30 - 157
2-Chloronaphthalene	100	69.42		ug/L		69	25 - 141
2-Chlorophenol	100	73.35		ug/L		73	22 - 129
2-Methylnaphthalene	100	73.92		ug/L		74	19 - 120
2-Methylphenol	100	69.54		ug/L		70	15 - 130
2-Nitroaniline	100	58.07		ug/L		58	17 - 141
2-Nitrophenol	100	65.27		ug/L		65	23 - 128
3,3'-Dichlorobenzidine	100	46.77		ug/L		47	18 - 162
3/4-Methylphenol	200	123.8		ug/L		62	10 - 120
3-Nitroaniline	100	70.54		ug/L		71	17 - 152
4,6-Dinitro-2-methylphenol	100	78.37		ug/L		78	11 - 159
4-Bromophenyl phenyl ether	100	67.57		ug/L		68	29 - 161
4-Chloro-3-methylphenol	100	69.85		ug/L		70	23 - 135
4-Chloroaniline	100	57.89		ug/L		58	10 - 127
4-Chlorophenyl phenyl ether	100	75.95		ug/L		76	27 - 150
4-Nitroaniline	100	80.08		ug/L		80	16 - 151
4-Nitrophenol	100	31.53		ug/L		32	10 - 120
Acenaphthene	100	64.98		ug/L		65	26 - 143
Acenaphthylene	100	63.27		ug/L		63	21 - 156
Aniline	100	12.44		ug/L		12	10 - 120
Anthracene	100	67.13		ug/L		67	28 - 155
Azobenzene	100	47.71		ug/L		48	19 - 146
Benzidine	100	34.83	J	ug/L		35	10 - 120
Benzo[a]anthracene	100	68.70		ug/L		69	26 - 159
Benzo[a]pyrene	100	72.23		ug/L		72	27 - 164
Benzo[b]fluoranthene	100	76.03		ug/L		76	26 - 166
Benzo[g,h,i]perylene	100	65.73		ug/L		66	26 - 162
Benzo[k]fluoranthene	100	73.17		ug/L		73	30 - 165

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzoic acid	100	35.91	J	ug/L		36	10 - 123
Benzyl alcohol	100	66.51		ug/L		67	10 - 151
Bis(2-chloroethoxy)methane	100	60.84		ug/L		61	19 - 129
Bis(2-chloroethyl)ether	100	59.46		ug/L		59	19 - 136
bis (2-Chloroisopropyl) ether	100	41.70		ug/L		42	10 - 154
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L		58	27 - 163
Butyl benzyl phthalate	100	58.38		ug/L		58	26 - 161
Chrysene	100	65.80		ug/L		66	26 - 153
Dibenz(a,h)anthracene	100	71.11		ug/L		71	26 - 153
Dibenzofuran	100	70.67		ug/L		71	27 - 139
Diethyl phthalate	100	69.36		ug/L		69	28 - 149
Dimethyl phthalate	100	74.24		ug/L		74	29 - 148
Di-n-butyl phthalate	100	59.56		ug/L		60	30 - 151
Di-n-octyl phthalate	100	59.51		ug/L		60	40 - 166
Fluoranthene	100	66.24		ug/L		66	28 - 159
Fluorene	100	73.47		ug/L		73	26 - 149
Hexachloro-1,3-butadiene	100	75.99		ug/L		76	17 - 120
Hexachlorobenzene	100	61.03		ug/L		61	20 - 157
Hexachlorocyclopentadiene	100	77.53		ug/L		78	21 - 145
Hexachloroethane	100	57.57		ug/L		58	11 - 121
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L		72	23 - 162
Isophorone	100	55.25		ug/L		55	15 - 146
Naphthalene	100	66.02		ug/L		66	19 - 120
Nitrobenzene	100	57.31		ug/L		57	17 - 120
N-Nitrosodimethylamine	100	34.19		ug/L		34	10 - 120
N-Nitrosodi-n-propylamine	100	58.34		ug/L		58	19 - 138
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L		75	30 - 168
Pentachlorophenol	100	74.69		ug/L		75	10 - 153
Phenanthrene	100	64.20		ug/L		64	27 - 150
Phenol	100	27.87		ug/L		28	10 - 120
Pyrene	100	67.27		ug/L		67	23 - 153
Pyridine	100	ND	*-	ug/L		0	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*27 - 140*
2-Fluorobiphenyl (Surr)	*68*		*28 - 120*
2-Fluorophenol (Surr)	*43*		*20 - 120*
Nitrobenzene-d5 (Surr)	*59*		*31 - 120*
p-Terphenyl-d14 (Surr)	*78*		*45 - 136*
Phenol-d6 (Surr)	*28*		*20 - 120*

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	91.43		ug/L		91	20 - 120	25	27
1,2-Dichlorobenzene	100	84.49		ug/L		84	16 - 122	20	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	100	85.15		ug/L		85	14 - 120	27	30
1,4-Dichlorobenzene	100	78.06		ug/L		78	15 - 120	22	30
1-Methylnaphthalene	100	83.31		ug/L		83	21 - 129	18	26
2,4,5-Trichlorophenol	100	97.39		ug/L		97	26 - 144	22	27
2,4,6-Trichlorophenol	100	98.44		ug/L		98	27 - 143	23	27
2,4-Dichlorophenol	100	93.19		ug/L		93	22 - 128	19	24
2,4-Dimethylphenol	100	81.38		ug/L		81	20 - 125	17	23
2,4-Dinitrophenol	100	81.91		ug/L		82	10 - 180	1	30
2,4-Dinitrotoluene	100	100.2	*1	ug/L		100	28 - 160	30	27
2,6-Dichlorophenol	100	91.96		ug/L		92	22 - 124	17	24
2,6-Dinitrotoluene	100	94.23		ug/L		94	30 - 157	23	26
2-Chloronaphthalene	100	90.38		ug/L		90	25 - 141	26	27
2-Chlorophenol	100	84.33		ug/L		84	22 - 129	14	27
2-Methylnaphthalene	100	94.20		ug/L		94	19 - 120	24	25
2-Methylphenol	100	78.01		ug/L		78	15 - 130	11	27
2-Nitroaniline	100	73.30		ug/L		73	17 - 141	23	30
2-Nitrophenol	100	88.75	*1	ug/L		89	23 - 128	30	27
3,3'-Dichlorobenzidine	100	89.01	*1	ug/L		89	18 - 162	62	30
3/4-Methylphenol	200	145.8		ug/L		73	10 - 120	16	30
3-Nitroaniline	100	94.28		ug/L		94	17 - 152	29	30
4,6-Dinitro-2-methylphenol	100	94.84		ug/L		95	11 - 159	19	27
4-Bromophenyl phenyl ether	100	96.87	*1	ug/L		97	29 - 161	36	25
4-Chloro-3-methylphenol	100	84.46		ug/L		84	23 - 135	19	21
4-Chloroaniline	100	78.76	*1	ug/L		79	10 - 127	31	30
4-Chlorophenyl phenyl ether	100	99.04	*1	ug/L		99	27 - 150	26	25
4-Nitroaniline	100	104.6		ug/L		105	16 - 151	27	30
4-Nitrophenol	100	35.29		ug/L		35	10 - 120	11	29
Acenaphthene	100	87.95	*1	ug/L		88	26 - 143	30	26
Acenaphthylene	100	83.62	*1	ug/L		84	21 - 156	28	27
Aniline	100	68.19	*1	ug/L		68	10 - 120	138	30
Anthracene	100	86.43		ug/L		86	28 - 155	25	25
Azobenzene	100	66.26	*1	ug/L		66	19 - 146	33	24
Benzidine	100	47.42	J *1	ug/L		47	10 - 120	31	30
Benzo[a]anthracene	100	89.92	*1	ug/L		90	26 - 159	27	24
Benzo[a]pyrene	100	92.00		ug/L		92	27 - 164	24	25
Benzo[b]fluoranthene	100	97.29		ug/L		97	26 - 166	25	25
Benzo[g,h,i]perylene	100	88.20	*1	ug/L		88	26 - 162	29	26
Benzo[k]fluoranthene	100	91.02		ug/L		91	30 - 165	22	25
Benzoic acid	100	20.45	J *1	ug/L		20	10 - 123	55	30
Benzyl alcohol	100	68.14		ug/L		68	10 - 151	2	25
Bis(2-chloroethoxy)methane	100	73.19		ug/L		73	19 - 129	18	25
Bis(2-chloroethyl)ether	100	73.74		ug/L		74	19 - 136	21	29
bis (2-Chloroisopropyl) ether	100	51.19		ug/L		51	10 - 154	20	28
Bis(2-ethylhexyl) phthalate	100	76.10	*1	ug/L		76	27 - 163	28	24
Butyl benzyl phthalate	100	75.44		ug/L		75	26 - 161	25	25
Chrysene	100	86.84	*1	ug/L		87	26 - 153	28	24
Dibenz(a,h)anthracene	100	97.78	*1	ug/L		98	26 - 153	32	26
Dibenzofuran	100	92.73	*1	ug/L		93	27 - 139	27	25
Diethyl phthalate	100	91.69	*1	ug/L		92	28 - 149	28	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate			100	90.33		ug/L		90	29 - 148	20	24
Di-n-butyl phthalate			100	80.45	*1	ug/L		80	30 - 151	30	24
Di-n-octyl phthalate			100	77.96	*1	ug/L		78	40 - 166	27	22
Fluoranthene			100	93.10	*1	ug/L		93	28 - 159	34	26
Fluorene			100	94.21		ug/L		94	26 - 149	25	26
Hexachloro-1,3-butadiene			100	99.36		ug/L		99	17 - 120	27	28
Hexachlorobenzene			100	78.16		ug/L		78	20 - 157	25	25
Hexachlorocyclopentadiene			100	98.44		ug/L		98	21 - 145	24	30
Hexachloroethane			100	74.61		ug/L		75	11 - 121	26	30
Indeno[1,2,3-cd]pyrene			100	96.45		ug/L		96	23 - 162	29	30
Isophorone			100	72.01	*1	ug/L		72	15 - 146	26	24
Naphthalene			100	85.33		ug/L		85	19 - 120	26	26
Nitrobenzene			100	69.59		ug/L		70	17 - 120	19	26
N-Nitrosodimethylamine			100	37.80		ug/L		38	10 - 120	10	30
N-Nitrosodi-n-propylamine			100	79.90	*1	ug/L		80	19 - 138	31	27
n-Nitrosodiphenylamine(as diphenylamine)			100	104.7	*1	ug/L		105	30 - 168	33	25
Pentachlorophenol			100	104.3	*1	ug/L		104	10 - 153	33	29
Phenanthrene			100	87.11	*1	ug/L		87	27 - 150	30	24
Phenol			100	29.41		ug/L		29	10 - 120	5	26
Pyrene			100	85.86		ug/L		86	23 - 153	24	27
Pyridine			100	41.87	*1	ug/L		42	10 - 120	200	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*112*		*27 - 140*
2-Fluorobiphenyl (Surr)	*89*		*28 - 120*
2-Fluorophenol (Surr)	*49*		*20 - 120*
Nitrobenzene-d5 (Surr)	*72*		*31 - 120*
p-Terphenyl-d14 (Surr)	*98*		*45 - 136*
Phenol-d6 (Surr)	*30*		*20 - 120*

Lab Sample ID: MB 570-510466/1-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/05/24 12:23	12/07/24 17:11	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510466/1-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Aniline	ND		0.50	0.095	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Anthracene	ND		0.50	0.078	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzidine	ND		5.0	0.58	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Chrysene	ND		0.50	0.083	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Fluorene	ND		0.50	0.094	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Isophorone	ND		0.50	0.080	mg/Kg		12/05/24 12:23	12/07/24 17:11	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510466/1-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.14	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Phenol	ND		0.50	0.097	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Pyrene	ND		0.50	0.10	mg/Kg		12/05/24 12:23	12/07/24 17:11	1
Pyridine	ND		0.50	0.24	mg/Kg		12/05/24 12:23	12/07/24 17:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 134*	*12/05/24 12:23*	*12/07/24 17:11*	*1*
2-Fluorobiphenyl (Surr)	*77*		*14 - 142*	*12/05/24 12:23*	*12/07/24 17:11*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/05/24 12:23*	*12/07/24 17:11*	*1*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*12/05/24 12:23*	*12/07/24 17:11*	*1*
p-Terphenyl-d14 (Surr)	*83*		*31 - 139*	*12/05/24 12:23*	*12/07/24 17:11*	*1*
Phenol-d6 (Surr)	*83*		*10 - 120*	*12/05/24 12:23*	*12/07/24 17:11*	*1*

Lab Sample ID: LCS 570-510466/2-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.293		mg/Kg		86	24 - 137
1,2-Dichlorobenzene	5.00	4.216		mg/Kg		84	24 - 148
1,3-Dichlorobenzene	5.00	4.120		mg/Kg		82	22 - 144
1,4-Dichlorobenzene	5.00	3.734		mg/Kg		75	24 - 143
1-Methylnaphthalene	5.00	4.139		mg/Kg		83	26 - 143
2,4,5-Trichlorophenol	5.00	4.516		mg/Kg		90	24 - 139
2,4,6-Trichlorophenol	5.00	4.341		mg/Kg		87	26 - 140
2,4-Dichlorophenol	5.00	4.361		mg/Kg		87	24 - 139
2,4-Dimethylphenol	5.00	4.267		mg/Kg		85	23 - 136
2,4-Dinitrophenol	5.00	4.591		mg/Kg		92	10 - 174
2,4-Dinitrotoluene	5.00	5.304		mg/Kg		106	28 - 166
2,6-Dichlorophenol	5.00	4.422		mg/Kg		88	23 - 134
2,6-Dinitrotoluene	5.00	4.873		mg/Kg		97	30 - 157
2-Chloronaphthalene	5.00	4.353		mg/Kg		87	30 - 144
2-Chlorophenol	5.00	4.275		mg/Kg		86	26 - 157
2-Methylnaphthalene	5.00	4.927		mg/Kg		99	23 - 134
2-Methylphenol	5.00	4.438		mg/Kg		89	30 - 161
2-Nitroaniline	5.00	4.525		mg/Kg		91	16 - 142
2-Nitrophenol	5.00	4.593		mg/Kg		92	23 - 142
3,3'-Dichlorobenzidine	5.00	4.203		mg/Kg		84	28 - 143
3/4-Methylphenol	10.0	8.794		mg/Kg		88	10 - 120
3-Nitroaniline	5.00	4.572		mg/Kg		91	25 - 138
4,6-Dinitro-2-methylphenol	5.00	5.368		mg/Kg		107	10 - 144
4-Bromophenyl phenyl ether	5.00	4.311		mg/Kg		86	33 - 150

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510466/2-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	5.00	4.453		mg/Kg		89	23 - 142
4-Chloroaniline	5.00	3.885		mg/Kg		78	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.409		mg/Kg		88	29 - 143
4-Nitroaniline	5.00	5.107		mg/Kg		102	26 - 147
4-Nitrophenol	5.00	3.875		mg/Kg		77	10 - 145
Acenaphthene	5.00	4.188		mg/Kg		84	30 - 144
Acenaphthylene	5.00	4.086		mg/Kg		82	28 - 148
Aniline	5.00	3.729		mg/Kg		75	10 - 120
Anthracene	5.00	4.593		mg/Kg		92	30 - 149
Azobenzene	5.00	4.301		mg/Kg		86	14 - 147
Benzidine	5.00	2.365	J	mg/Kg		47	10 - 120
Benzo[a]anthracene	5.00	4.541		mg/Kg		91	27 - 156
Benzo[a]pyrene	5.00	4.801		mg/Kg		96	36 - 157
Benzo[b]fluoranthene	5.00	4.839		mg/Kg		97	35 - 159
Benzo[g,h,i]perylene	5.00	4.347		mg/Kg		87	30 - 156
Benzo[k]fluoranthene	5.00	4.515		mg/Kg		90	35 - 159
Benzoic acid	5.00	2.960		mg/Kg		59	10 - 136
Benzyl alcohol	5.00	4.154		mg/Kg		83	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.230		mg/Kg		85	21 - 140
Bis(2-chloroethyl)ether	5.00	4.121		mg/Kg		82	22 - 151
bis (2-Chloroisopropyl) ether	5.00	3.795		mg/Kg		76	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.891		mg/Kg		98	23 - 166
Butyl benzyl phthalate	5.00	4.846		mg/Kg		97	18 - 170
Chrysene	5.00	4.550		mg/Kg		91	28 - 145
Dibenz(a,h)anthracene	5.00	4.726		mg/Kg		95	32 - 149
Dibenzofuran	5.00	4.349		mg/Kg		87	29 - 143
Diethyl phthalate	5.00	4.581		mg/Kg		92	26 - 151
Dimethyl phthalate	5.00	4.506		mg/Kg		90	27 - 150
Di-n-butyl phthalate	5.00	4.770		mg/Kg		95	27 - 152
Di-n-octyl phthalate	5.00	5.012		mg/Kg		100	40 - 178
Fluoranthene	5.00	4.644		mg/Kg		93	33 - 156
Fluorene	5.00	4.421		mg/Kg		88	27 - 146
Hexachloro-1,3-butadiene	5.00	4.345		mg/Kg		87	22 - 140
Hexachlorobenzene	5.00	4.209		mg/Kg		84	20 - 143
Hexachlorocyclopentadiene	5.00	4.297		mg/Kg		86	10 - 172
Hexachloroethane	5.00	3.547		mg/Kg		71	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.762		mg/Kg		95	38 - 157
Isophorone	5.00	3.921		mg/Kg		78	15 - 165
Naphthalene	5.00	4.174		mg/Kg		83	25 - 140
Nitrobenzene	5.00	4.013		mg/Kg		80	17 - 136
N-Nitrosodimethylamine	5.00	3.643		mg/Kg		73	10 - 134
N-Nitrosodi-n-propylamine	5.00	3.942		mg/Kg		79	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.219		mg/Kg		104	33 - 166
Pentachlorophenol	5.00	4.094		mg/Kg		82	10 - 141
Phenanthrene	5.00	4.431		mg/Kg		89	29 - 144
Phenol	5.00	4.255		mg/Kg		85	19 - 164
Pyrene	5.00	4.429		mg/Kg		89	17 - 156
Pyridine	5.00	3.685		mg/Kg		74	10 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	91		10 - 134
2-Fluorobiphenyl (Surr)	81		14 - 142
2-Fluorophenol (Surr)	90		10 - 123
Nitrobenzene-d5 (Surr)	79		10 - 129
p-Terphenyl-d14 (Surr)	86		31 - 139
Phenol-d6 (Surr)	89		10 - 120

Lab Sample ID: LCSD 570-510466/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511354
Prep Batch: 510466

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.465		mg/Kg		89	24 - 137	4	30
1,2-Dichlorobenzene			5.00	4.507		mg/Kg		90	24 - 148	7	30
1,3-Dichlorobenzene			5.00	4.251		mg/Kg		85	22 - 144	3	30
1,4-Dichlorobenzene			5.00	4.093		mg/Kg		82	24 - 143	9	30
1-Methylnaphthalene			5.00	4.346		mg/Kg		87	26 - 143	5	24
2,4,5-Trichlorophenol			5.00	4.491		mg/Kg		90	24 - 139	1	21
2,4,6-Trichlorophenol			5.00	4.634		mg/Kg		93	26 - 140	7	23
2,4-Dichlorophenol			5.00	4.717		mg/Kg		94	24 - 139	8	27
2,4-Dimethylphenol			5.00	4.481		mg/Kg		90	23 - 136	5	27
2,4-Dinitrophenol			5.00	4.693		mg/Kg		94	10 - 174	2	27
2,4-Dinitrotoluene			5.00	5.420		mg/Kg		108	28 - 166	2	27
2,6-Dichlorophenol			5.00	4.666		mg/Kg		93	23 - 134	5	25
2,6-Dinitrotoluene			5.00	5.305		mg/Kg		106	30 - 157	8	25
2-Chloronaphthalene			5.00	4.486		mg/Kg		90	30 - 144	3	22
2-Chlorophenol			5.00	4.688		mg/Kg		94	26 - 157	9	30
2-Methylnaphthalene			5.00	4.973		mg/Kg		99	23 - 134	1	27
2-Methylphenol			5.00	4.757		mg/Kg		95	30 - 161	7	28
2-Nitroaniline			5.00	4.621		mg/Kg		92	16 - 142	2	30
2-Nitrophenol			5.00	4.807		mg/Kg		96	23 - 142	5	30
3,3'-Dichlorobenzidine			5.00	3.734		mg/Kg		75	28 - 143	12	23
3/4-Methylphenol			10.0	9.378		mg/Kg		94	10 - 120	6	30
3-Nitroaniline			5.00	4.402		mg/Kg		88	25 - 138	4	27
4,6-Dinitro-2-methylphenol			5.00	5.539		mg/Kg		111	10 - 144	3	23
4-Bromophenyl phenyl ether			5.00	4.454		mg/Kg		89	33 - 150	3	22
4-Chloro-3-methylphenol			5.00	4.599		mg/Kg		92	23 - 142	3	30
4-Chloroaniline			5.00	3.649		mg/Kg		73	12 - 120	6	29
4-Chlorophenyl phenyl ether			5.00	4.597		mg/Kg		92	29 - 143	4	23
4-Nitroaniline			5.00	5.249		mg/Kg		105	26 - 147	3	29
4-Nitrophenol			5.00	4.440		mg/Kg		89	10 - 145	14	30
Acenaphthene			5.00	4.367		mg/Kg		87	30 - 144	4	22
Acenaphthylene			5.00	4.282		mg/Kg		86	28 - 148	5	25
Aniline			5.00	3.654		mg/Kg		73	10 - 120	2	30
Anthracene			5.00	4.619		mg/Kg		92	30 - 149	1	24
Azobenzene			5.00	4.257		mg/Kg		85	14 - 147	1	30
Benzidine			5.00	1.881	J	mg/Kg		38	10 - 120	23	30
Benzo[a]anthracene			5.00	4.610		mg/Kg		92	27 - 156	2	24
Benzo[a]pyrene			5.00	4.906		mg/Kg		98	36 - 157	2	21
Benzo[b]fluoranthene			5.00	4.674		mg/Kg		93	35 - 159	3	21
Benzo[g,h,i]perylene			5.00	4.364		mg/Kg		87	30 - 156	0	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510466/3-A
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510466

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene			5.00	4.731		mg/Kg		95	35 - 159	5	22
Benzoic acid			5.00	3.026		mg/Kg		61	10 - 136	2	20
Benzyl alcohol			5.00	4.675		mg/Kg		94	18 - 154	12	30
Bis(2-chloroethoxy)methane			5.00	4.361		mg/Kg		87	21 - 140	3	29
Bis(2-chloroethyl)ether			5.00	4.041		mg/Kg		81	22 - 151	2	30
bis (2-Chloroisopropyl) ether			5.00	3.981		mg/Kg		80	10 - 179	5	30
Bis(2-ethylhexyl) phthalate			5.00	4.963		mg/Kg		99	23 - 166	1	27
Butyl benzyl phthalate			5.00	4.870		mg/Kg		97	18 - 170	0	29
Chrysene			5.00	4.507		mg/Kg		90	28 - 145	1	21
Dibenz(a,h)anthracene			5.00	4.772		mg/Kg		95	32 - 149	1	25
Dibenzofuran			5.00	4.554		mg/Kg		91	29 - 143	5	24
Diethyl phthalate			5.00	4.835		mg/Kg		97	26 - 151	5	26
Dimethyl phthalate			5.00	4.601		mg/Kg		92	27 - 150	2	24
Di-n-butyl phthalate			5.00	4.883		mg/Kg		98	27 - 152	2	27
Di-n-octyl phthalate			5.00	5.028		mg/Kg		101	40 - 178	0	21
Fluoranthene			5.00	4.814		mg/Kg		96	33 - 156	4	26
Fluorene			5.00	4.624		mg/Kg		92	27 - 146	4	26
Hexachloro-1,3-butadiene			5.00	4.541		mg/Kg		91	22 - 140	4	30
Hexachlorobenzene			5.00	4.359		mg/Kg		87	20 - 143	3	25
Hexachlorocyclopentadiene			5.00	4.390		mg/Kg		88	10 - 172	2	27
Hexachloroethane			5.00	3.969		mg/Kg		79	22 - 144	11	30
Indeno[1,2,3-cd]pyrene			5.00	4.838		mg/Kg		97	38 - 157	2	25
Isophorone			5.00	4.015		mg/Kg		80	15 - 165	2	30
Naphthalene			5.00	4.339		mg/Kg		87	25 - 140	4	28
Nitrobenzene			5.00	4.118		mg/Kg		82	17 - 136	3	30
N-Nitrosodimethylamine			5.00	3.841		mg/Kg		77	10 - 134	5	30
N-Nitrosodi-n-propylamine			5.00	4.342		mg/Kg		87	16 - 158	10	30
n-Nitrosodiphenylamine(as diphenylamine)			5.00	5.291		mg/Kg		106	33 - 166	1	23
Pentachlorophenol			5.00	4.153		mg/Kg		83	10 - 141	1	25
Phenanthrene			5.00	4.543		mg/Kg		91	29 - 144	2	23
Phenol			5.00	4.761		mg/Kg		95	19 - 164	11	30
Pyrene			5.00	4.488		mg/Kg		90	17 - 156	1	27
Pyridine			5.00	3.749		mg/Kg		75	10 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 134*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*
2-Fluorophenol (Surr)	*95*		*10 - 123*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*94*		*10 - 120*

Lab Sample ID: 570-209335-21 MS
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trichlorobenzene	ND		5.48	4.763		mg/Kg	☼	87	50 - 125		

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-21 MS
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	ND		5.48	4.902		mg/Kg	☼	89	42 - 125
1,3-Dichlorobenzene	ND		5.48	4.632		mg/Kg	☼	85	40 - 125
1,4-Dichlorobenzene	ND		5.48	4.367		mg/Kg	☼	80	45 - 125
1-Methylnaphthalene	ND		5.48	4.810		mg/Kg	☼	88	54 - 125
2,4,5-Trichlorophenol	ND		5.48	4.866		mg/Kg	☼	89	35 - 125
2,4,6-Trichlorophenol	ND		5.48	5.002		mg/Kg	☼	91	33 - 126
2,4-Dichlorophenol	ND		5.48	5.084		mg/Kg	☼	93	45 - 125
2,4-Dimethylphenol	ND		5.48	4.913		mg/Kg	☼	90	44 - 125
2,4-Dinitrophenol	ND		5.48	5.558		mg/Kg	☼	101	10 - 125
2,4-Dinitrotoluene	ND		5.48	6.169		mg/Kg	☼	113	47 - 125
2,6-Dichlorophenol	ND		5.48	5.033		mg/Kg	☼	92	38 - 125
2,6-Dinitrotoluene	ND		5.48	5.607		mg/Kg	☼	102	41 - 125
2-Chloronaphthalene	ND		5.48	4.952		mg/Kg	☼	90	47 - 125
2-Chlorophenol	ND		5.48	5.058		mg/Kg	☼	92	49 - 125
2-Methylnaphthalene	ND		5.48	5.412		mg/Kg	☼	99	42 - 125
2-Methylphenol	ND		5.48	5.107		mg/Kg	☼	93	46 - 125
2-Nitroaniline	ND		5.48	5.017		mg/Kg	☼	92	43 - 125
2-Nitrophenol	ND		5.48	5.230		mg/Kg	☼	95	25 - 126
3,3'-Dichlorobenzidine	ND		5.48	4.385		mg/Kg	☼	80	29 - 125
3/4-Methylphenol	ND		11.0	10.29		mg/Kg	☼	94	26 - 125
3-Nitroaniline	ND		5.48	5.070		mg/Kg	☼	92	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.48	6.305		mg/Kg	☼	115	10 - 125
4-Bromophenyl phenyl ether	ND		5.48	4.913		mg/Kg	☼	90	47 - 125
4-Chloro-3-methylphenol	ND		5.48	5.000		mg/Kg	☼	91	53 - 125
4-Chloroaniline	ND		5.48	4.377		mg/Kg	☼	80	33 - 125
4-Chlorophenyl phenyl ether	ND		5.48	5.034		mg/Kg	☼	92	49 - 125
4-Nitroaniline	ND		5.48	5.732		mg/Kg	☼	105	35 - 125
4-Nitrophenol	ND		5.48	4.639		mg/Kg	☼	85	22 - 134
Acenaphthene	ND		5.48	4.771		mg/Kg	☼	87	51 - 125
Acenaphthylene	ND		5.48	4.611		mg/Kg	☼	84	54 - 125
Aniline	ND		5.48	4.109		mg/Kg	☼	75	24 - 125
Anthracene	ND		5.48	5.104		mg/Kg	☼	93	50 - 125
Azobenzene	ND		5.48	4.728		mg/Kg	☼	86	48 - 125
Benzidine	ND		5.48	2.931	J	mg/Kg	☼	53	10 - 126
Benzo[a]anthracene	ND		5.48	5.268		mg/Kg	☼	96	62 - 125
Benzo[a]pyrene	ND		5.48	5.165		mg/Kg	☼	94	55 - 131
Benzo[b]fluoranthene	ND		5.48	5.032		mg/Kg	☼	92	49 - 128
Benzo[g,h,i]perylene	ND		5.48	4.811		mg/Kg	☼	88	56 - 125
Benzo[k]fluoranthene	ND		5.48	4.937		mg/Kg	☼	90	48 - 125
Benzoic acid	ND		5.48	2.244	J	mg/Kg	☼	41	10 - 125
Benzyl alcohol	ND		5.48	4.908		mg/Kg	☼	90	47 - 125
Bis(2-chloroethoxy)methane	ND		5.48	4.640		mg/Kg	☼	85	48 - 125
Bis(2-chloroethyl)ether	ND		5.48	4.921		mg/Kg	☼	90	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.48	4.445		mg/Kg	☼	81	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.48	5.556		mg/Kg	☼	101	50 - 125
Butyl benzyl phthalate	ND		5.48	5.616		mg/Kg	☼	102	58 - 125
Chrysene	ND		5.48	5.132		mg/Kg	☼	94	53 - 125
Dibenz(a,h)anthracene	ND		5.48	5.180		mg/Kg	☼	94	57 - 125
Dibenzofuran	ND		5.48	4.902		mg/Kg	☼	89	47 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-21 MS
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diethyl phthalate	ND		5.48	5.242		mg/Kg	☼	96	53 - 125
Dimethyl phthalate	ND		5.48	5.104		mg/Kg	☼	93	52 - 125
Di-n-butyl phthalate	ND		5.48	5.386		mg/Kg	☼	98	49 - 125
Di-n-octyl phthalate	ND		5.48	5.443		mg/Kg	☼	99	57 - 125
Fluoranthene	ND		5.48	5.232		mg/Kg	☼	95	50 - 125
Fluorene	ND		5.48	5.041		mg/Kg	☼	92	54 - 125
Hexachloro-1,3-butadiene	ND		5.48	5.004		mg/Kg	☼	91	43 - 125
Hexachlorobenzene	ND		5.48	4.723		mg/Kg	☼	86	55 - 125
Hexachlorocyclopentadiene	ND		5.48	4.873		mg/Kg	☼	89	10 - 150
Hexachloroethane	ND		5.48	4.266		mg/Kg	☼	78	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.48	5.234		mg/Kg	☼	95	55 - 125
Isophorone	ND		5.48	4.331		mg/Kg	☼	79	50 - 125
Naphthalene	ND		5.48	4.707		mg/Kg	☼	86	39 - 127
Nitrobenzene	ND		5.48	4.539		mg/Kg	☼	83	43 - 125
N-Nitrosodimethylamine	ND		5.48	4.033		mg/Kg	☼	74	36 - 125
N-Nitrosodi-n-propylamine	ND		5.48	4.582		mg/Kg	☼	84	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.48	5.877		mg/Kg	☼	107	57 - 134
Pentachlorophenol	ND		5.48	4.645		mg/Kg	☼	85	10 - 125
Phenanthrene	ND		5.48	5.003		mg/Kg	☼	91	51 - 125
Phenol	ND		5.48	5.102		mg/Kg	☼	93	45 - 125
Pyrene	ND		5.48	5.238		mg/Kg	☼	96	56 - 125
Pyridine	ND		5.48	4.103		mg/Kg	☼	75	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 134*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*
2-Fluorophenol (Surr)	*93*		*10 - 123*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*
p-Terphenyl-d14 (Surr)	*90*		*31 - 139*
Phenol-d6 (Surr)	*92*		*10 - 120*

Lab Sample ID: 570-209335-21 MSD
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.59	4.781		mg/Kg	☼	86	50 - 125	0	20
1,2-Dichlorobenzene	ND		5.59	4.789		mg/Kg	☼	86	42 - 125	2	20
1,3-Dichlorobenzene	ND		5.59	4.492		mg/Kg	☼	80	40 - 125	3	21
1,4-Dichlorobenzene	ND		5.59	4.186		mg/Kg	☼	75	45 - 125	4	24
1-Methylnaphthalene	ND		5.59	4.685		mg/Kg	☼	84	54 - 125	3	20
2,4,5-Trichlorophenol	ND		5.59	4.877		mg/Kg	☼	87	35 - 125	0	20
2,4,6-Trichlorophenol	ND		5.59	4.861		mg/Kg	☼	87	33 - 126	3	20
2,4-Dichlorophenol	ND		5.59	4.984		mg/Kg	☼	89	45 - 125	2	20
2,4-Dimethylphenol	ND		5.59	4.634		mg/Kg	☼	83	44 - 125	6	20
2,4-Dinitrophenol	ND		5.59	5.177		mg/Kg	☼	93	10 - 125	7	22
2,4-Dinitrotoluene	ND		5.59	5.745		mg/Kg	☼	103	47 - 125	7	20
2,6-Dichlorophenol	ND		5.59	5.008		mg/Kg	☼	90	38 - 125	0	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-21 MSD
Client Sample ID: SB20-15.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511354
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND		5.59	5.425		mg/Kg	☼	97	41 - 125	3	20
2-Chloronaphthalene	ND		5.59	4.729		mg/Kg	☼	85	47 - 125	5	20
2-Chlorophenol	ND		5.59	4.885		mg/Kg	☼	87	49 - 125	3	20
2-Methylnaphthalene	ND		5.59	5.330		mg/Kg	☼	95	42 - 125	2	20
2-Methylphenol	ND		5.59	4.955		mg/Kg	☼	89	46 - 125	3	20
2-Nitroaniline	ND		5.59	4.883		mg/Kg	☼	87	43 - 125	3	20
2-Nitrophenol	ND		5.59	5.074		mg/Kg	☼	91	25 - 126	3	21
3,3'-Dichlorobenzidine	ND		5.59	3.890		mg/Kg	☼	70	29 - 125	12	20
3/4-Methylphenol	ND		11.2	9.933		mg/Kg	☼	89	26 - 125	4	20
3-Nitroaniline	ND		5.59	4.605		mg/Kg	☼	82	39 - 125	10	20
4,6-Dinitro-2-methylphenol	ND		5.59	6.155		mg/Kg	☼	110	10 - 125	2	24
4-Bromophenyl phenyl ether	ND		5.59	4.627		mg/Kg	☼	83	47 - 125	6	20
4-Chloro-3-methylphenol	ND		5.59	4.836		mg/Kg	☼	87	53 - 125	3	20
4-Chloroaniline	ND		5.59	3.986		mg/Kg	☼	71	33 - 125	9	20
4-Chlorophenyl phenyl ether	ND		5.59	4.798		mg/Kg	☼	86	49 - 125	5	20
4-Nitroaniline	ND		5.59	5.559		mg/Kg	☼	99	35 - 125	3	20
4-Nitrophenol	ND		5.59	4.814		mg/Kg	☼	86	22 - 134	4	21
Acenaphthene	ND		5.59	4.636		mg/Kg	☼	83	51 - 125	3	20
Acenaphthylene	ND		5.59	4.447		mg/Kg	☼	80	54 - 125	4	20
Aniline	ND		5.59	3.936		mg/Kg	☼	70	24 - 125	4	20
Anthracene	ND		5.59	4.972		mg/Kg	☼	89	50 - 125	3	20
Azobenzene	ND		5.59	4.511		mg/Kg	☼	81	48 - 125	5	20
Benzidine	ND		5.59	2.425	J	mg/Kg	☼	43	10 - 126	19	30
Benzo[a]anthracene	ND		5.59	4.907		mg/Kg	☼	88	62 - 125	7	20
Benzo[a]pyrene	ND		5.59	5.087		mg/Kg	☼	91	55 - 131	2	20
Benzo[b]fluoranthene	ND		5.59	5.097		mg/Kg	☼	91	49 - 128	1	20
Benzo[g,h,i]perylene	ND		5.59	4.686		mg/Kg	☼	84	56 - 125	3	20
Benzo[k]fluoranthene	ND		5.59	4.704		mg/Kg	☼	84	48 - 125	5	20
Benzoic acid	ND		5.59	2.247	J	mg/Kg	☼	40	10 - 125	0	35
Benzyl alcohol	ND		5.59	4.755		mg/Kg	☼	85	47 - 125	3	20
Bis(2-chloroethoxy)methane	ND		5.59	4.607		mg/Kg	☼	82	48 - 125	1	20
Bis(2-chloroethyl)ether	ND		5.59	4.431		mg/Kg	☼	79	43 - 125	10	20
bis (2-Chloroisopropyl) ether	ND		5.59	4.094		mg/Kg	☼	73	46 - 125	8	20
Bis(2-ethylhexyl) phthalate	ND		5.59	5.267		mg/Kg	☼	94	50 - 125	5	20
Butyl benzyl phthalate	ND		5.59	5.079		mg/Kg	☼	91	58 - 125	10	20
Chrysene	ND		5.59	4.883		mg/Kg	☼	87	53 - 125	5	20
Dibenz(a,h)anthracene	ND		5.59	5.090		mg/Kg	☼	91	57 - 125	2	20
Dibenzofuran	ND		5.59	4.765		mg/Kg	☼	85	47 - 125	3	20
Diethyl phthalate	ND		5.59	4.983		mg/Kg	☼	89	53 - 125	5	20
Dimethyl phthalate	ND		5.59	4.868		mg/Kg	☼	87	52 - 125	5	20
Di-n-butyl phthalate	ND		5.59	5.249		mg/Kg	☼	94	49 - 125	3	20
Di-n-octyl phthalate	ND		5.59	5.165		mg/Kg	☼	92	57 - 125	5	20
Fluoranthene	ND		5.59	5.139		mg/Kg	☼	92	50 - 125	2	20
Fluorene	ND		5.59	4.839		mg/Kg	☼	87	54 - 125	4	20
Hexachloro-1,3-butadiene	ND		5.59	4.922		mg/Kg	☼	88	43 - 125	2	20
Hexachlorobenzene	ND		5.59	4.547		mg/Kg	☼	81	55 - 125	4	20
Hexachlorocyclopentadiene	ND		5.59	4.700		mg/Kg	☼	84	10 - 150	4	33
Hexachloroethane	ND		5.59	4.199		mg/Kg	☼	75	27 - 125	2	27
Indeno[1,2,3-cd]pyrene	ND		5.59	5.099		mg/Kg	☼	91	55 - 125	3	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209335-21 MSD
Matrix: Solid
Analysis Batch: 511354

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	ND		5.59	4.213		mg/Kg	☼	75	50 - 125	3	20
Naphthalene	ND		5.59	4.596		mg/Kg	☼	82	39 - 127	2	20
Nitrobenzene	ND		5.59	4.407		mg/Kg	☼	79	43 - 125	3	20
N-Nitrosodimethylamine	ND		5.59	3.979		mg/Kg	☼	71	36 - 125	1	26
N-Nitrosodi-n-propylamine	ND		5.59	4.435		mg/Kg	☼	79	47 - 125	3	20
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.59	5.623		mg/Kg	☼	101	57 - 134	4	20
Pentachlorophenol	ND		5.59	4.357		mg/Kg	☼	78	10 - 125	6	20
Phenanthrene	ND		5.59	4.805		mg/Kg	☼	86	51 - 125	4	20
Phenol	ND		5.59	4.830		mg/Kg	☼	86	45 - 125	5	20
Pyrene	ND		5.59	4.794		mg/Kg	☼	86	56 - 125	9	20
Pyridine	ND		5.59	4.011		mg/Kg	☼	72	17 - 125	2	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 134*
2-Fluorobiphenyl (Surr)	*78*		*14 - 142*
2-Fluorophenol (Surr)	*88*		*10 - 123*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*
p-Terphenyl-d14 (Surr)	*82*		*31 - 139*
Phenol-d6 (Surr)	*89*		*10 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-510294/1-A
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Chrysene	ND		0.020	0.0065	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/05/24 06:30	12/07/24 21:20	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/05/24 06:30	12/07/24 21:20	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510294/1-A
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510294

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	72		22 - 130	12/05/24 06:30	12/07/24 21:20	1
Nitrobenzene-d5 (Surr)	78		20 - 145	12/05/24 06:30	12/07/24 21:20	1
p-Terphenyl-d14 (Surr)	65		33 - 147	12/05/24 06:30	12/07/24 21:20	1

Lab Sample ID: LCS 570-510294/2-A
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7627		mg/Kg		76	54 - 132
2-Methylnaphthalene	1.00	0.8709		mg/Kg		87	50 - 127
Acenaphthene	1.00	0.8741		mg/Kg		87	53 - 125
Acenaphthylene	1.00	0.8778		mg/Kg		88	50 - 123
Anthracene	1.00	0.8788		mg/Kg		88	50 - 132
Benzo[g,h,i]perylene	1.00	0.8511		mg/Kg		85	50 - 130
Benzo[k]fluoranthene	1.00	0.8996		mg/Kg		90	49 - 150
Benzo[a]anthracene	1.00	0.8787		mg/Kg		88	50 - 133
Benzo[a]pyrene	1.00	0.9601		mg/Kg		96	50 - 134
Benzo[b]fluoranthene	1.00	0.9154		mg/Kg		92	50 - 142
Chrysene	1.00	0.8043		mg/Kg		80	51 - 129
Dibenz(a,h)anthracene	1.00	0.9050		mg/Kg		90	50 - 133
Fluoranthene	1.00	1.037		mg/Kg		104	55 - 127
Fluorene	1.00	0.9155		mg/Kg		92	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9485		mg/Kg		95	50 - 148
Naphthalene	1.00	0.7901		mg/Kg		79	51 - 129
Phenanthrene	1.00	0.8542		mg/Kg		85	50 - 122
Pyrene	1.00	0.7335		mg/Kg		73	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	88		22 - 130
Nitrobenzene-d5 (Surr)	90		20 - 145
p-Terphenyl-d14 (Surr)	75		33 - 147

Lab Sample ID: LCSD 570-510294/3-A
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510294

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.7699		mg/Kg		77	54 - 132	1	20
2-Methylnaphthalene	1.00	0.8673		mg/Kg		87	50 - 127	0	20
Acenaphthene	1.00	0.8828		mg/Kg		88	53 - 125	1	20
Acenaphthylene	1.00	0.8722		mg/Kg		87	50 - 123	1	20
Anthracene	1.00	0.8671		mg/Kg		87	50 - 132	1	20
Benzo[g,h,i]perylene	1.00	0.8413		mg/Kg		84	50 - 130	1	20
Benzo[k]fluoranthene	1.00	0.8927		mg/Kg		89	49 - 150	1	20
Benzo[a]anthracene	1.00	0.8753		mg/Kg		88	50 - 133	0	20
Benzo[a]pyrene	1.00	0.9486		mg/Kg		95	50 - 134	1	20
Benzo[b]fluoranthene	1.00	0.9090		mg/Kg		91	50 - 142	1	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510294/3-A
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510294

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene			1.00	0.8046		mg/Kg		80	51 - 129	0	20
Dibenz(a,h)anthracene			1.00	0.9046		mg/Kg		90	50 - 133	0	20
Fluoranthene			1.00	1.052		mg/Kg		105	55 - 127	1	20
Fluorene			1.00	0.9322		mg/Kg		93	55 - 127	2	20
Indeno[1,2,3-cd]pyrene			1.00	0.9349		mg/Kg		93	50 - 148	1	20
Naphthalene			1.00	0.7977		mg/Kg		80	51 - 129	1	20
Phenanthrene			1.00	0.8515		mg/Kg		85	50 - 122	0	20
Pyrene			1.00	0.7370		mg/Kg		74	50 - 134	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*

Lab Sample ID: 570-209335-1 MS
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: SB17-2.0
Prep Type: Total/NA
Prep Batch: 510294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.10	0.9136		mg/Kg	☼	83	34 - 136
2-Methylnaphthalene	ND		1.10	0.9866		mg/Kg	☼	90	29 - 137
Acenaphthene	ND		1.10	1.081		mg/Kg	☼	98	29 - 137
Acenaphthylene	ND		1.10	0.9365		mg/Kg	☼	85	29 - 131
Anthracene	ND		1.10	1.141		mg/Kg	☼	104	26 - 134
Benzo[g,h,i]perylene	ND		1.10	1.029		mg/Kg	☼	93	20 - 148
Benzo[k]fluoranthene	ND		1.10	1.107		mg/Kg	☼	100	28 - 148
Benzo[a]anthracene	ND		1.10	1.075		mg/Kg	☼	98	24 - 150
Benzo[a]pyrene	ND		1.10	1.161		mg/Kg	☼	105	29 - 149
Benzo[b]fluoranthene	ND		1.10	1.090		mg/Kg	☼	99	21 - 153
Chrysene	ND		1.10	0.9693		mg/Kg	☼	88	25 - 145
Dibenz(a,h)anthracene	ND		1.10	1.047		mg/Kg	☼	95	20 - 132
Fluoranthene	ND		1.10	1.307		mg/Kg	☼	119	20 - 151
Fluorene	ND		1.10	1.040		mg/Kg	☼	94	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.10	1.061		mg/Kg	☼	96	20 - 154
Naphthalene	ND		1.10	1.021		mg/Kg	☼	93	20 - 150
Phenanthrene	ND		1.10	1.085		mg/Kg	☼	98	20 - 144
Pyrene	ND		1.10	0.9903		mg/Kg	☼	90	20 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*
Nitrobenzene-d5 (Surr)	*93*		*20 - 145*
p-Terphenyl-d14 (Surr)	*90*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209335-1 MSD
Matrix: Solid
Analysis Batch: 511370

Client Sample ID: SB17-2.0
Prep Type: Total/NA
Prep Batch: 510294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.08	0.9258		mg/Kg	☼	86	34 - 136	1	29
2-Methylnaphthalene	ND		1.08	1.005		mg/Kg	☼	93	29 - 137	2	31
Acenaphthene	ND		1.08	1.099		mg/Kg	☼	102	29 - 137	2	28
Acenaphthylene	ND		1.08	0.9505		mg/Kg	☼	88	29 - 131	1	32
Anthracene	ND		1.08	1.164		mg/Kg	☼	108	26 - 134	2	27
Benzo[g,h,i]perylene	ND		1.08	1.023		mg/Kg	☼	95	20 - 148	1	27
Benzo[k]fluoranthene	ND		1.08	1.088		mg/Kg	☼	101	28 - 148	2	26
Benzo[a]anthracene	ND		1.08	1.083		mg/Kg	☼	100	24 - 150	1	24
Benzo[a]pyrene	ND		1.08	1.156		mg/Kg	☼	107	29 - 149	0	22
Benzo[b]fluoranthene	ND		1.08	1.088		mg/Kg	☼	101	21 - 153	0	26
Chrysene	ND		1.08	0.9613		mg/Kg	☼	89	25 - 145	1	28
Dibenz(a,h)anthracene	ND		1.08	1.062		mg/Kg	☼	98	20 - 132	1	26
Fluoranthene	ND		1.08	1.293		mg/Kg	☼	120	20 - 151	1	26
Fluorene	ND		1.08	1.041		mg/Kg	☼	96	36 - 132	0	27
Indeno[1,2,3-cd]pyrene	ND		1.08	1.071		mg/Kg	☼	99	20 - 154	1	25
Naphthalene	ND		1.08	1.022		mg/Kg	☼	95	20 - 150	0	33
Phenanthrene	ND		1.08	1.093		mg/Kg	☼	101	20 - 144	1	27
Pyrene	ND		1.08	0.9851		mg/Kg	☼	91	20 - 150	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*
Nitrobenzene-d5 (Surr)	*96*		*20 - 145*
p-Terphenyl-d14 (Surr)	*92*		*33 - 147*

Lab Sample ID: MB 570-510467/1-A
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Chrysene	ND		0.020	0.0065	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/05/24 12:25	12/07/24 21:34	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/05/24 12:25	12/07/24 21:34	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510467/1-A
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510467

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	89		22 - 130	12/05/24 12:25	12/07/24 21:34	1
Nitrobenzene-d5 (Surr)	83		20 - 145	12/05/24 12:25	12/07/24 21:34	1
p-Terphenyl-d14 (Surr)	82		33 - 147	12/05/24 12:25	12/07/24 21:34	1

Lab Sample ID: LCS 570-510467/2-A
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7963		mg/Kg		80	54 - 132
2-Methylnaphthalene	1.00	0.9184		mg/Kg		92	50 - 127
Acenaphthene	1.00	0.8951		mg/Kg		90	53 - 125
Acenaphthylene	1.00	0.8764		mg/Kg		88	50 - 123
Anthracene	1.00	0.9138		mg/Kg		91	50 - 132
Benzo[g,h,i]perylene	1.00	0.7654		mg/Kg		77	50 - 130
Benzo[k]fluoranthene	1.00	0.9618		mg/Kg		96	49 - 150
Benzo[a]anthracene	1.00	0.8274		mg/Kg		83	50 - 133
Benzo[a]pyrene	1.00	0.8837		mg/Kg		88	50 - 134
Benzo[b]fluoranthene	1.00	0.8424		mg/Kg		84	50 - 142
Chrysene	1.00	0.8401		mg/Kg		84	51 - 129
Dibenz(a,h)anthracene	1.00	0.8541		mg/Kg		85	50 - 133
Fluoranthene	1.00	0.8883		mg/Kg		89	55 - 127
Fluorene	1.00	0.9234		mg/Kg		92	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	1.056		mg/Kg		106	50 - 148
Naphthalene	1.00	0.7865		mg/Kg		79	51 - 129
Phenanthrene	1.00	0.8164		mg/Kg		82	50 - 122
Pyrene	1.00	0.8233		mg/Kg		82	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	87		22 - 130
Nitrobenzene-d5 (Surr)	78		20 - 145
p-Terphenyl-d14 (Surr)	82		33 - 147

Lab Sample ID: LCSD 570-510467/3-A
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510467

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.7928		mg/Kg		79	54 - 132	0	20
2-Methylnaphthalene	1.00	0.9211		mg/Kg		92	50 - 127	0	20
Acenaphthene	1.00	0.8836		mg/Kg		88	53 - 125	1	20
Acenaphthylene	1.00	0.8526		mg/Kg		85	50 - 123	3	20
Anthracene	1.00	0.9337		mg/Kg		93	50 - 132	2	20
Benzo[g,h,i]perylene	1.00	0.7802		mg/Kg		78	50 - 130	2	20
Benzo[k]fluoranthene	1.00	0.9796		mg/Kg		98	49 - 150	2	20
Benzo[a]anthracene	1.00	0.8385		mg/Kg		84	50 - 133	1	20
Benzo[a]pyrene	1.00	0.9083		mg/Kg		91	50 - 134	3	20
Benzo[b]fluoranthene	1.00	0.8554		mg/Kg		86	50 - 142	2	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510467/3-A
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510467

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene			1.00	0.8555		mg/Kg		86	51 - 129	2	20
Dibenz(a,h)anthracene			1.00	0.8689		mg/Kg		87	50 - 133	2	20
Fluoranthene			1.00	0.9228		mg/Kg		92	55 - 127	4	20
Fluorene			1.00	0.9261		mg/Kg		93	55 - 127	0	20
Indeno[1,2,3-cd]pyrene			1.00	1.084		mg/Kg		108	50 - 148	3	20
Naphthalene			1.00	0.8085		mg/Kg		81	51 - 129	3	20
Phenanthrene			1.00	0.8414		mg/Kg		84	50 - 122	3	20
Pyrene			1.00	0.8164		mg/Kg		82	50 - 134	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*
Nitrobenzene-d5 (Surr)	*77*		*20 - 145*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*

Lab Sample ID: 570-209335-27 MS
Matrix: Solid
Analysis Batch: 511373

Client Sample ID: SB28-15.0
Prep Type: Total/NA
Prep Batch: 510467

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.22	0.8772		mg/Kg	☼	72	34 - 136
2-Methylnaphthalene	ND		1.22	0.9887		mg/Kg	☼	81	29 - 137
Acenaphthene	ND		1.22	0.9850		mg/Kg	☼	81	29 - 137
Acenaphthylene	ND		1.22	0.9276		mg/Kg	☼	76	29 - 131
Anthracene	ND		1.22	0.9827		mg/Kg	☼	81	26 - 134
Benzo[g,h,i]perylene	ND		1.22	0.8540		mg/Kg	☼	70	20 - 148
Benzo[k]fluoranthene	ND		1.22	1.080		mg/Kg	☼	89	28 - 148
Benzo[a]anthracene	ND		1.22	0.9072		mg/Kg	☼	74	24 - 150
Benzo[a]pyrene	ND		1.22	0.9619		mg/Kg	☼	79	29 - 149
Benzo[b]fluoranthene	ND		1.22	0.9416		mg/Kg	☼	77	21 - 153
Chrysene	ND		1.22	0.9406		mg/Kg	☼	77	25 - 145
Dibenz(a,h)anthracene	ND		1.22	0.9531		mg/Kg	☼	78	20 - 132
Fluoranthene	ND		1.22	1.017		mg/Kg	☼	83	20 - 151
Fluorene	ND		1.22	1.005		mg/Kg	☼	82	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.22	1.182		mg/Kg	☼	97	20 - 154
Naphthalene	ND		1.22	0.9032		mg/Kg	☼	74	20 - 150
Phenanthrene	ND		1.22	0.9179		mg/Kg	☼	75	20 - 144
Pyrene	ND		1.22	0.9172		mg/Kg	☼	75	20 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*
Nitrobenzene-d5 (Surr)	*71*		*20 - 145*
p-Terphenyl-d14 (Surr)	*75*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209335-27 MSD
Client Sample ID: SB28-15.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511373
Prep Batch: 510467

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.18	0.8821		mg/Kg	☼	74	34 - 136	1	29
2-Methylnaphthalene	ND		1.18	1.054		mg/Kg	☼	89	29 - 137	6	31
Acenaphthene	ND		1.18	1.028		mg/Kg	☼	87	29 - 137	4	28
Acenaphthylene	ND		1.18	0.9172		mg/Kg	☼	77	29 - 131	1	32
Anthracene	ND		1.18	1.036		mg/Kg	☼	88	26 - 134	5	27
Benzo[g,h,i]perylene	ND		1.18	0.8754		mg/Kg	☼	74	20 - 148	2	27
Benzo[k]fluoranthene	ND		1.18	1.106		mg/Kg	☼	93	28 - 148	2	26
Benzo[a]anthracene	ND		1.18	0.9486		mg/Kg	☼	80	24 - 150	4	24
Benzo[a]pyrene	ND		1.18	0.9846		mg/Kg	☼	83	29 - 149	2	22
Benzo[b]fluoranthene	ND		1.18	0.9401		mg/Kg	☼	79	21 - 153	0	26
Chrysene	ND		1.18	1.003		mg/Kg	☼	85	25 - 145	6	28
Dibenz(a,h)anthracene	ND		1.18	0.9858		mg/Kg	☼	83	20 - 132	3	26
Fluoranthene	ND		1.18	1.055		mg/Kg	☼	89	20 - 151	4	26
Fluorene	ND		1.18	1.041		mg/Kg	☼	88	36 - 132	4	27
Indeno[1,2,3-cd]pyrene	ND		1.18	1.222		mg/Kg	☼	103	20 - 154	3	25
Naphthalene	ND		1.18	0.9416		mg/Kg	☼	80	20 - 150	4	33
Phenanthrene	ND		1.18	0.9531		mg/Kg	☼	80	20 - 144	4	27
Pyrene	ND		1.18	0.9524		mg/Kg	☼	80	20 - 150	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*
Nitrobenzene-d5 (Surr)	*77*		*20 - 145*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*

Lab Sample ID: MB 570-510534/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 511708
Prep Batch: 510534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthene	ND		0.20	0.097	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/05/24 14:19	12/09/24 14:07	1
Anthracene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/05/24 14:19	12/09/24 14:07	1
Chrysene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluoranthene	ND		0.20	0.14	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluorene	ND		0.20	0.075	ug/L		12/05/24 14:19	12/09/24 14:07	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Naphthalene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Phenanthrene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
Pyrene	ND		0.20	0.066	ug/L		12/05/24 14:19	12/09/24 14:07	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510534/1-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510534

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	93		33 - 144	12/05/24 14:19	12/09/24 14:07	1
Nitrobenzene-d5 (Surr)	97		28 - 139	12/05/24 14:19	12/09/24 14:07	1
p-Terphenyl-d14 (Surr)	86		23 - 160	12/05/24 14:19	12/09/24 14:07	1

Lab Sample ID: LCS 570-510534/2-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	10.0	7.237		ug/L		72	20 - 140
2-Methylnaphthalene	10.0	8.209		ug/L		82	21 - 140
Acenaphthene	10.0	8.692		ug/L		87	55 - 121
Acenaphthylene	10.0	8.737		ug/L		87	33 - 145
Anthracene	10.0	8.928		ug/L		89	27 - 133
Benzo[g,h,i]perylene	10.0	7.883		ug/L		79	25 - 157
Benzo[k]fluoranthene	10.0	8.461		ug/L		85	24 - 159
Benzo[a]anthracene	10.0	8.778		ug/L		88	33 - 143
Benzo[a]pyrene	10.0	9.072		ug/L		91	17 - 163
Benzo[b]fluoranthene	10.0	8.980		ug/L		90	24 - 159
Chrysene	10.0	7.958		ug/L		80	17 - 168
Dibenz(a,h)anthracene	10.0	8.359		ug/L		84	25 - 175
Fluoranthene	10.0	10.74		ug/L		107	26 - 137
Fluorene	10.0	9.444		ug/L		94	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	8.889		ug/L		89	25 - 175
Naphthalene	10.0	7.194		ug/L		72	21 - 133
Phenanthrene	10.0	8.876		ug/L		89	54 - 120
Pyrene	10.0	7.736		ug/L		77	45 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	82		33 - 144
Nitrobenzene-d5 (Surr)	83		28 - 139
p-Terphenyl-d14 (Surr)	66		23 - 160

Lab Sample ID: LCSD 570-510534/3-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510534

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	10.0	8.253		ug/L		83	20 - 140	13	25
2-Methylnaphthalene	10.0	9.358		ug/L		94	21 - 140	13	25
Acenaphthene	10.0	9.912		ug/L		99	55 - 121	13	25
Acenaphthylene	10.0	9.901		ug/L		99	33 - 145	12	25
Anthracene	10.0	10.02		ug/L		100	27 - 133	12	25
Benzo[g,h,i]perylene	10.0	9.370		ug/L		94	25 - 157	17	25
Benzo[k]fluoranthene	10.0	9.825		ug/L		98	24 - 159	15	25
Benzo[a]anthracene	10.0	10.11		ug/L		101	33 - 143	14	25
Benzo[a]pyrene	10.0	10.89		ug/L		109	17 - 163	18	25
Benzo[b]fluoranthene	10.0	10.74		ug/L		107	24 - 159	18	25

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510534/3-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510534

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene			10.0	9.195		ug/L		92	17 - 168	14	25
Dibenz(a,h)anthracene			10.0	9.851		ug/L		99	25 - 175	16	25
Fluoranthene			10.0	11.81		ug/L		118	26 - 137	10	25
Fluorene			10.0	10.74		ug/L		107	59 - 121	13	25
Indeno[1,2,3-cd]pyrene			10.0	10.58		ug/L		106	25 - 175	17	25
Naphthalene			10.0	8.187		ug/L		82	21 - 133	13	25
Phenanthrene			10.0	10.02		ug/L		100	54 - 120	12	25
Pyrene			10.0	8.654		ug/L		87	45 - 129	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*97*		*33 - 144*
Nitrobenzene-d5 (Surr)	*93*		*28 - 139*
p-Terphenyl-d14 (Surr)	*79*		*23 - 160*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-511327/5
Matrix: Solid
Analysis Batch: 511327

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/07/24 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*		*12/07/24 13:23*	*1*

Lab Sample ID: MB 570-511327/6
Matrix: Solid
Analysis Batch: 511327

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/07/24 13:42	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*		*12/07/24 13:42*	*20*

Lab Sample ID: LCS 570-511327/3
Matrix: Solid
Analysis Batch: 511327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.959		mg/Kg		99	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-511327/4
Matrix: Solid
Analysis Batch: 511327

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	2.021		mg/Kg		102	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*

Lab Sample ID: MB 570-511367/33
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/07/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*		*12/07/24 22:56*	*1*

Lab Sample ID: LCS 570-511367/31
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.985		mg/Kg		100	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*

Lab Sample ID: LCSD 570-511367/32
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	1.957		mg/Kg		99	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*42 - 126*

Lab Sample ID: MB 570-511402/6
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/08/24 12:27	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*		*12/08/24 12:27*	*20*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-511402/3
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	2.116		mg/Kg		107	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*42 - 126*

Lab Sample ID: LCSD 570-511402/4
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	2.060		mg/Kg		104	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Lab Sample ID: MB 570-511802/33
Matrix: Water
Analysis Batch: 511802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 00:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*20 - 144*		*12/10/24 00:15*	*1*

Lab Sample ID: LCS 570-511802/31
Matrix: Water
Analysis Batch: 511802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1887		ug/L		94	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*20 - 144*

Lab Sample ID: LCSD 570-511802/32
Matrix: Water
Analysis Batch: 511802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	1875		ug/L		94	71 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*20 - 144*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-510407/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510694
Prep Batch: 510407

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/05/24 10:33	12/05/24 21:29	1
C23-C40	ND		5.0	4.6	mg/Kg		12/05/24 10:33	12/05/24 21:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*12/05/24 10:33*	*12/05/24 21:29*	*1*

Lab Sample ID: LCS 570-510407/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510694
Prep Batch: 510407

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	414.5		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Lab Sample ID: LCSD 570-510407/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510694
Prep Batch: 510407

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	395.6		mg/Kg		99	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*86*		*60 - 138*

Lab Sample ID: MB 570-510431/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510694
Prep Batch: 510431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/05/24 11:05	12/06/24 00:11	1
C23-C40	ND		5.0	4.6	mg/Kg		12/05/24 11:05	12/06/24 00:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*12/05/24 11:05*	*12/06/24 00:11*	*1*

Lab Sample ID: LCS 570-510431/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510694
Prep Batch: 510431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	398.8		mg/Kg		100	70 - 130		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-510431/2-A
Matrix: Solid
Analysis Batch: 510694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510431

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	96		60 - 138

Lab Sample ID: LCSD 570-510431/3-A
Matrix: Solid
Analysis Batch: 510694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510431

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	411.1		mg/Kg		103	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	94		60 - 138

Lab Sample ID: MB 570-510489/1-A
Matrix: Water
Analysis Batch: 510721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/05/24 13:17	12/06/24 09:41	1
C23-C40	ND		50	42	ug/L		12/05/24 13:17	12/06/24 09:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	134		53 - 151	12/05/24 13:17	12/06/24 09:41	1

Lab Sample ID: LCS 570-510489/2-A
Matrix: Water
Analysis Batch: 510721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510489

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			4000	3861		ug/L		97	65 - 129		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	127		53 - 151

Lab Sample ID: LCSD 570-510489/3-A
Matrix: Water
Analysis Batch: 510721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510489

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			4000	3736		ug/L		93	65 - 129	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	129		53 - 151

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-510873/1-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510873

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.90	1.88	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Barium	ND		1.94	0.286	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Beryllium	ND		0.387	0.0910	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Cadmium	ND		0.387	0.148	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Chromium	ND		0.968	0.514	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Cobalt	ND		1.94	0.412	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Copper	ND		1.94	0.551	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Molybdenum	ND		3.87	0.949	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Antimony	ND		9.68	5.48	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Nickel	ND		1.94	1.10	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Selenium	ND		2.90	1.52	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Silver	ND		1.94	0.411	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Thallium	ND		9.68	2.76	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Vanadium	ND		3.87	0.848	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Lead	ND		1.94	1.28	mg/Kg		12/06/24 10:16	12/07/24 06:24	2
Zinc	ND		3.87	1.58	mg/Kg		12/06/24 10:16	12/07/24 06:24	2

Lab Sample ID: LCS 570-510873/2-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510873

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			200	186.3		mg/Kg		93	80 - 120		
Barium			200	194.8		mg/Kg		97	80 - 120		
Beryllium			200	189.3		mg/Kg		95	80 - 120		
Cadmium			200	188.4		mg/Kg		94	80 - 120		
Chromium			200	194.4		mg/Kg		97	80 - 120		
Cobalt			200	192.2		mg/Kg		96	80 - 120		
Copper			200	192.6		mg/Kg		96	80 - 120		
Molybdenum			200	194.3		mg/Kg		97	80 - 120		
Antimony			200	181.3		mg/Kg		91	80 - 120		
Nickel			200	190.4		mg/Kg		95	80 - 120		
Selenium			200	169.9		mg/Kg		85	80 - 120		
Silver			100	95.89		mg/Kg		96	80 - 120		
Thallium			200	185.1		mg/Kg		92	80 - 120		
Vanadium			200	193.9		mg/Kg		97	80 - 120		
Lead			200	191.8		mg/Kg		96	80 - 120		
Zinc			200	187.5		mg/Kg		94	80 - 120		

Lab Sample ID: LCSD 570-510873/3-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510873

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			195	179.7		mg/Kg		92	80 - 120	4	20
Barium			195	187.1		mg/Kg		96	80 - 120	4	20
Beryllium			195	182.0		mg/Kg		93	80 - 120	4	20
Cadmium			195	181.1		mg/Kg		93	80 - 120	4	20
Chromium			195	187.9		mg/Kg		96	80 - 120	3	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-510873/3-A ^2
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511459
Prep Batch: 510873

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt			195	184.3		mg/Kg		95	80 - 120	4	20
Copper			195	185.8		mg/Kg		95	80 - 120	4	20
Molybdenum			195	186.2		mg/Kg		96	80 - 120	4	20
Antimony			195	173.8		mg/Kg		89	80 - 120	4	20
Nickel			195	182.7		mg/Kg		94	80 - 120	4	20
Selenium			195	163.8		mg/Kg		84	80 - 120	4	20
Silver			97.4	91.94		mg/Kg		94	80 - 120	4	20
Thallium			195	177.0		mg/Kg		91	80 - 120	5	20
Vanadium			195	186.3		mg/Kg		96	80 - 120	4	20
Lead			195	184.8		mg/Kg		95	80 - 120	4	20
Zinc			195	180.0		mg/Kg		92	80 - 120	4	20

Lab Sample ID: 570-209335-1 MS
Client Sample ID: SB17-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511459
Prep Batch: 510873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13.2		224	207.2		mg/Kg	☼	86	75 - 125
Barium	2390		224	1936	4	mg/Kg	☼	-203	75 - 125
Beryllium	0.383	J	224	197.9		mg/Kg	☼	88	75 - 125
Cadmium	ND		224	194.6		mg/Kg	☼	87	75 - 125
Chromium	39.1		224	221.0		mg/Kg	☼	81	75 - 125
Cobalt	4.82		224	201.6		mg/Kg	☼	88	75 - 125
Copper	13.9		224	216.4		mg/Kg	☼	90	75 - 125
Molybdenum	ND		224	199.9		mg/Kg	☼	89	75 - 125
Antimony	ND	F1	224	119.5	F1	mg/Kg	☼	53	75 - 125
Nickel	12.1		224	207.2		mg/Kg	☼	87	75 - 125
Selenium	ND		224	181.4		mg/Kg	☼	81	75 - 125
Silver	ND		112	101.3		mg/Kg	☼	90	75 - 125
Thallium	ND		224	176.7		mg/Kg	☼	79	75 - 125
Vanadium	25.5		224	229.2		mg/Kg	☼	91	75 - 125
Lead	21.4		224	222.5		mg/Kg	☼	90	75 - 125
Zinc	54.1		224	242.9		mg/Kg	☼	84	75 - 125

Lab Sample ID: 570-209335-1 MSD
Client Sample ID: SB17-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511459
Prep Batch: 510873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13.2		228	213.4		mg/Kg	☼	88	75 - 125	3	20
Barium	2390		228	1625	4	mg/Kg	☼	-336	75 - 125	17	20
Beryllium	0.383	J	228	207.4		mg/Kg	☼	91	75 - 125	5	20
Cadmium	ND		228	203.4		mg/Kg	☼	89	75 - 125	4	20
Chromium	39.1		228	229.8		mg/Kg	☼	84	75 - 125	4	20
Cobalt	4.82		228	210.6		mg/Kg	☼	90	75 - 125	4	20
Copper	13.9		228	225.8		mg/Kg	☼	93	75 - 125	4	20
Molybdenum	ND		228	208.0		mg/Kg	☼	91	75 - 125	4	20
Antimony	ND	F1	228	123.3	F1	mg/Kg	☼	54	75 - 125	3	20
Nickel	12.1		228	216.8		mg/Kg	☼	90	75 - 125	5	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-209335-1 MSD
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: SB17-2.0
Prep Type: Total/NA
Prep Batch: 510873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	ND		228	184.5		mg/Kg	☼	81	75 - 125	2	20
Silver	ND		114	105.6		mg/Kg	☼	93	75 - 125	4	20
Thallium	ND		228	184.7		mg/Kg	☼	81	75 - 125	4	20
Vanadium	25.5		228	240.5		mg/Kg	☼	94	75 - 125	5	20
Lead	21.4		228	226.2		mg/Kg	☼	90	75 - 125	2	20
Zinc	54.1		228	254.9		mg/Kg	☼	88	75 - 125	5	20

Lab Sample ID: MB 570-510880/1-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.72	1.76	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Barium	ND		1.81	0.268	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Beryllium	ND		0.363	0.0853	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Cadmium	ND		0.363	0.139	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Chromium	ND		0.907	0.482	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Cobalt	ND		1.81	0.386	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Copper	ND		1.81	0.516	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Molybdenum	ND		3.63	0.889	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Antimony	ND		9.07	5.13	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Nickel	ND		1.81	1.03	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Selenium	ND		2.72	1.42	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Silver	ND		1.81	0.385	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Thallium	ND		9.07	2.59	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Vanadium	ND		3.63	0.794	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Lead	ND		1.81	1.20	mg/Kg		12/06/24 10:34	12/07/24 05:38	2
Zinc	ND		3.63	1.48	mg/Kg		12/06/24 10:34	12/07/24 05:38	2

Lab Sample ID: LCS 570-510880/2-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	197	182.7		mg/Kg		93	80 - 120
Barium	197	191.9		mg/Kg		97	80 - 120
Beryllium	197	186.4		mg/Kg		95	80 - 120
Cadmium	197	185.4		mg/Kg		94	80 - 120
Chromium	197	190.9		mg/Kg		97	80 - 120
Cobalt	197	189.3		mg/Kg		96	80 - 120
Copper	197	188.0		mg/Kg		96	80 - 120
Molybdenum	197	190.6		mg/Kg		97	80 - 120
Antimony	197	176.1		mg/Kg		89	80 - 120
Nickel	197	188.0		mg/Kg		96	80 - 120
Selenium	197	165.7		mg/Kg		84	80 - 120
Silver	98.4	94.25		mg/Kg		96	80 - 120
Thallium	197	182.3		mg/Kg		93	80 - 120
Vanadium	197	191.1		mg/Kg		97	80 - 120
Lead	197	189.7		mg/Kg		96	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-510880/2-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	197	184.0		mg/Kg		93	80 - 120

Lab Sample ID: LCSD 570-510880/3-A ^2
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	197	182.8		mg/Kg		93	80 - 120	0	20
Barium	197	191.3		mg/Kg		97	80 - 120	0	20
Beryllium	197	186.2		mg/Kg		95	80 - 120	0	20
Cadmium	197	185.4		mg/Kg		94	80 - 120	0	20
Chromium	197	193.4		mg/Kg		98	80 - 120	1	20
Cobalt	197	188.8		mg/Kg		96	80 - 120	0	20
Copper	197	189.5		mg/Kg		96	80 - 120	1	20
Molybdenum	197	191.3		mg/Kg		97	80 - 120	0	20
Antimony	197	179.1		mg/Kg		91	80 - 120	2	20
Nickel	197	187.1		mg/Kg		95	80 - 120	0	20
Selenium	197	165.2		mg/Kg		84	80 - 120	0	20
Silver	98.4	94.27		mg/Kg		96	80 - 120	0	20
Thallium	197	182.5		mg/Kg		93	80 - 120	0	20
Vanadium	197	190.4		mg/Kg		97	80 - 120	0	20
Lead	197	188.9		mg/Kg		96	80 - 120	0	20
Zinc	197	184.5		mg/Kg		94	80 - 120	0	20

Lab Sample ID: 570-209335-21 MS
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	4.80		218	201.4		mg/Kg	☼	90	75 - 125
Barium	55.0		218	272.5		mg/Kg	☼	100	75 - 125
Beryllium	0.432		218	200.9		mg/Kg	☼	92	75 - 125
Cadmium	ND		218	197.3		mg/Kg	☼	90	75 - 125
Chromium	16.2		218	221.4		mg/Kg	☼	94	75 - 125
Cobalt	3.80		218	204.7		mg/Kg	☼	92	75 - 125
Copper	10.8		218	219.7		mg/Kg	☼	96	75 - 125
Molybdenum	ND		218	202.5		mg/Kg	☼	93	75 - 125
Antimony	ND	F1 F2	218	112.1	F1	mg/Kg	☼	51	75 - 125
Nickel	9.12		218	209.8		mg/Kg	☼	92	75 - 125
Selenium	ND		218	178.1		mg/Kg	☼	82	75 - 125
Silver	ND		109	102.6		mg/Kg	☼	94	75 - 125
Thallium	ND		218	175.9		mg/Kg	☼	81	75 - 125
Vanadium	40.6		218	251.8		mg/Kg	☼	97	75 - 125
Lead	4.71		218	205.6		mg/Kg	☼	92	75 - 125
Zinc	39.3		218	240.6		mg/Kg	☼	92	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-209335-21 MSD
Matrix: Solid
Analysis Batch: 511459

Client Sample ID: SB20-15.0
Prep Type: Total/NA
Prep Batch: 510880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	4.80		223	206.5		mg/Kg	☼	91	75 - 125	3	20
Barium	55.0		223	269.9		mg/Kg	☼	97	75 - 125	1	20
Beryllium	0.432		223	206.2		mg/Kg	☼	92	75 - 125	3	20
Cadmium	ND		223	202.5		mg/Kg	☼	91	75 - 125	3	20
Chromium	16.2		223	226.3		mg/Kg	☼	94	75 - 125	2	20
Cobalt	3.80		223	209.7		mg/Kg	☼	93	75 - 125	2	20
Copper	10.8		223	221.3		mg/Kg	☼	95	75 - 125	1	20
Molybdenum	ND		223	208.8		mg/Kg	☼	94	75 - 125	3	20
Antimony	ND	F1 F2	223	137.8	F1 F2	mg/Kg	☼	62	75 - 125	21	20
Nickel	9.12		223	214.3		mg/Kg	☼	92	75 - 125	2	20
Selenium	ND		223	183.1		mg/Kg	☼	82	75 - 125	3	20
Silver	ND		111	104.7		mg/Kg	☼	94	75 - 125	2	20
Thallium	ND		223	193.1		mg/Kg	☼	87	75 - 125	9	20
Vanadium	40.6		223	248.5		mg/Kg	☼	93	75 - 125	1	20
Lead	4.71		223	211.8		mg/Kg	☼	93	75 - 125	3	20
Zinc	39.3		223	242.1		mg/Kg	☼	91	75 - 125	1	20

Lab Sample ID: MB 570-510350/1-A
Matrix: Water
Analysis Batch: 511459

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 510350

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		100	19.9	ug/L		12/05/24 08:59	12/07/24 00:02	1
Barium	ND		10.0	1.11	ug/L		12/05/24 08:59	12/07/24 00:02	1
Beryllium	ND		10.0	1.27	ug/L		12/05/24 08:59	12/07/24 00:02	1
Cadmium	ND		10.0	0.620	ug/L		12/05/24 08:59	12/07/24 00:02	1
Chromium	ND		50.0	2.96	ug/L		12/05/24 08:59	12/07/24 00:02	1
Cobalt	ND		50.0	0.880	ug/L		12/05/24 08:59	12/07/24 00:02	1
Copper	ND		50.0	2.69	ug/L		12/05/24 08:59	12/07/24 00:02	1
Molybdenum	ND		50.0	3.91	ug/L		12/05/24 08:59	12/07/24 00:02	1
Antimony	ND		100	25.5	ug/L		12/05/24 08:59	12/07/24 00:02	1
Nickel	ND		50.0	3.07	ug/L		12/05/24 08:59	12/07/24 00:02	1
Selenium	ND		50.0	16.2	ug/L		12/05/24 08:59	12/07/24 00:02	1
Silver	ND		10.0	2.59	ug/L		12/05/24 08:59	12/07/24 00:02	1
Thallium	ND		50.0	9.96	ug/L		12/05/24 08:59	12/07/24 00:02	1
Vanadium	ND		10.0	2.39	ug/L		12/05/24 08:59	12/07/24 00:02	1
Lead	ND		50.0	5.27	ug/L		12/05/24 08:59	12/07/24 00:02	1
Zinc	ND		250	13.3	ug/L		12/05/24 08:59	12/07/24 00:02	1

Lab Sample ID: LCS 570-510350/2-A
Matrix: Water
Analysis Batch: 511459

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 510350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	500	518.1		ug/L		104	80 - 120
Barium	500	505.4		ug/L		101	80 - 120
Beryllium	500	512.5		ug/L		103	80 - 120
Cadmium	500	517.4		ug/L		103	80 - 120
Chromium	500	515.6		ug/L		103	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-510350/2-A
Matrix: Water
Analysis Batch: 511459

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 510350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	500	510.6		ug/L		102	80 - 120
Copper	500	512.7		ug/L		103	80 - 120
Molybdenum	500	508.4		ug/L		102	80 - 120
Antimony	500	502.0		ug/L		100	80 - 120
Nickel	500	520.0		ug/L		104	80 - 120
Selenium	500	521.0		ug/L		104	80 - 120
Silver	250	251.6		ug/L		101	80 - 120
Thallium	500	512.1		ug/L		102	80 - 120
Vanadium	500	508.5		ug/L		102	80 - 120
Lead	500	514.5		ug/L		103	80 - 120
Zinc	500	523.1		ug/L		105	80 - 120

Lab Sample ID: LCSD 570-510350/3-A
Matrix: Water
Analysis Batch: 511459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 510350

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	500	531.0		ug/L		106	80 - 120	2	20
Barium	500	514.0		ug/L		103	80 - 120	2	20
Beryllium	500	522.0		ug/L		104	80 - 120	2	20
Cadmium	500	521.3		ug/L		104	80 - 120	1	20
Chromium	500	524.6		ug/L		105	80 - 120	2	20
Cobalt	500	523.9		ug/L		105	80 - 120	3	20
Copper	500	522.0		ug/L		104	80 - 120	2	20
Molybdenum	500	515.2		ug/L		103	80 - 120	1	20
Antimony	500	507.2		ug/L		101	80 - 120	1	20
Nickel	500	527.0		ug/L		105	80 - 120	1	20
Selenium	500	535.1		ug/L		107	80 - 120	3	20
Silver	250	254.9		ug/L		102	80 - 120	1	20
Thallium	500	522.1		ug/L		104	80 - 120	2	20
Vanadium	500	517.6		ug/L		104	80 - 120	2	20
Lead	500	522.0		ug/L		104	80 - 120	1	20
Zinc	500	531.6		ug/L		106	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-511713/1-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:00	1

Lab Sample ID: LCS 570-511713/2-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	8.00	7.808		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-511713/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 511752
Prep Batch: 511713

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			8.00	7.986		ug/L		100	80 - 120	2	10

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-510815/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0786	0.0217	mg/Kg		12/06/24 08:22	12/06/24 16:52	1

Lab Sample ID: LCS 570-510815/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510815

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.408	0.3881		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-510815/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510815

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.426	0.4113		mg/Kg		97	80 - 120	6	10

Lab Sample ID: 570-209335-1 MS
Client Sample ID: SB17-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.0736	J	0.436	0.6132	F1	mg/Kg	☼	124	80 - 120		

Lab Sample ID: 570-209335-1 MSD
Client Sample ID: SB17-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510815

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0736	J	0.472	0.6458	F1	mg/Kg	☼	121	80 - 120	5	20

Lab Sample ID: MB 570-510830/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850	0.0235	mg/Kg		12/06/24 09:04	12/06/24 15:49	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 570-510830/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510830

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.408	0.3898		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 570-510830/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510830

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.377	0.3646		mg/Kg		97	80 - 120	7	10

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-510391/1
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/05/24 09:56	1

Lab Sample ID: 570-209335-1 DU
Client Sample ID: SB17-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510391

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.8		11.8		%		0.2	10

Lab Sample ID: 570-209335-11 DU
Client Sample ID: SB24-5.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510391

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	15.0		15.1		%		0.4	10

Lab Sample ID: MB 570-510434/1
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/05/24 11:09	1

Lab Sample ID: 570-209335-16 DU
Client Sample ID: SB18-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510434

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	12.9		12.0		%		7	10

Method: Moisture - 2540 - Percent Moisture (Continued)

Lab Sample ID: 570-209335-26 DU
Client Sample ID: SB28-5.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 510434

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.4			13.3		%				0.8	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	71.24		ug/L	71	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	68.84		ug/L	69	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	64.70		ug/L	65	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	62.83		ug/L	63	15 - 120	1 - 138	
1-Methylnaphthalene	100	69.53		ug/L	70	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	77.75		ug/L	78	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	77.91		ug/L	78	27 - 143	8 - 162	
2,4-Dichlorophenol	100	76.63		ug/L	77	22 - 128	4 - 146	
2,4-Dimethylphenol	100	68.66		ug/L	69	20 - 125	3 - 143	
2,4-Dinitrophenol	100	80.89		ug/L	81	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	73.98		ug/L	74	28 - 160	6 - 182	
2,6-Dichlorophenol	100	77.82		ug/L	78	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	74.96		ug/L	75	30 - 157	9 - 178	
2-Chloronaphthalene	100	69.42		ug/L	69	25 - 141	6 - 160	
2-Chlorophenol	100	73.35		ug/L	73	22 - 129	4 - 147	
2-Methylnaphthalene	100	73.92		ug/L	74	19 - 120	2 - 137	
2-Methylphenol	100	69.54		ug/L	70	15 - 130	1 - 149	
2-Nitroaniline	100	58.07		ug/L	58	17 - 141	1 - 162	
2-Nitrophenol	100	65.27		ug/L	65	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	46.77		ug/L	47	18 - 162	1 - 186	
3/4-Methylphenol	200	123.8		ug/L	62	10 - 120	1 - 138	
3-Nitroaniline	100	70.54		ug/L	71	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	78.37		ug/L	78	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	67.57		ug/L	68	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	69.85		ug/L	70	23 - 135	4 - 154	
4-Chloroaniline	100	57.89		ug/L	58	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	75.95		ug/L	76	27 - 150	7 - 171	
4-Nitroaniline	100	80.08		ug/L	80	16 - 151	1 - 174	
4-Nitrophenol	100	31.53		ug/L	32	10 - 120	1 - 138	
Acenaphthene	100	64.98		ug/L	65	26 - 143	7 - 163	
Acenaphthylene	100	63.27		ug/L	63	21 - 156	1 - 179	
Aniline	100	12.44		ug/L	12	10 - 120	1 - 138	
Anthracene	100	67.13		ug/L	67	28 - 155	7 - 176	
Azobenzene	100	47.71		ug/L	48	19 - 146	1 - 167	
Benzidine	100	34.83	J	ug/L	35	10 - 120	1 - 138	
Benzo[a]anthracene	100	68.70		ug/L	69	26 - 159	4 - 181	
Benzo[a]pyrene	100	72.23		ug/L	72	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	76.03		ug/L	76	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	65.73		ug/L	66	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	73.17		ug/L	73	30 - 165	8 - 188	
Benzoic acid	100	35.91	J	ug/L	36	10 - 123	1 - 142	
Benzyl alcohol	100	66.51		ug/L	67	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	60.84		ug/L	61	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	59.46		ug/L	59	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	41.70		ug/L	42	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L	58	27 - 163	4 - 186	
Butyl benzyl phthalate	100	58.38		ug/L	58	26 - 161	4 - 184	
Chrysene	100	65.80		ug/L	66	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	71.11		ug/L	71	26 - 153	5 - 174	

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	100	70.67		ug/L	71	27 - 139	8 - 158	
Diethyl phthalate	100	69.36		ug/L	69	28 - 149	8 - 169	
Dimethyl phthalate	100	74.24		ug/L	74	29 - 148	9 - 168	
Di-n-butyl phthalate	100	59.56		ug/L	60	30 - 151	10 - 171	
Di-n-octyl phthalate	100	59.51		ug/L	60	40 - 166	19 - 187	
Fluoranthene	100	66.24		ug/L	66	28 - 159	6 - 181	
Fluorene	100	73.47		ug/L	73	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	75.99		ug/L	76	17 - 120	1 - 137	
Hexachlorobenzene	100	61.03		ug/L	61	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	77.53		ug/L	78	21 - 145	1 - 166	
Hexachloroethane	100	57.57		ug/L	58	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L	72	23 - 162	1 - 185	
Isophorone	100	55.25		ug/L	55	15 - 146	1 - 168	
Naphthalene	100	66.02		ug/L	66	19 - 120	2 - 137	
Nitrobenzene	100	57.31		ug/L	57	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	34.19		ug/L	34	10 - 120	1 - 138	
N-Nitrosodi-n-propylamine	100	58.34		ug/L	58	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L	75	30 - 168	7 - 191	
Pentachlorophenol	100	74.69		ug/L	75	10 - 153	1 - 177	
Phenanthrene	100	64.20		ug/L	64	27 - 150	7 - 171	
Phenol	100	27.87		ug/L	28	10 - 120	1 - 138	
Pyrene	100	67.27		ug/L	67	23 - 153	1 - 175	
Pyridine	100	ND	*-	ug/L	0	10 - 120	1 - 138	X

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 510130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	8260B	510176
570-209335-2	SB17-5.0	Total/NA	Solid	8260B	510176
570-209335-3	SB17-15.0	Total/NA	Solid	8260B	510176
570-209335-4	SB21-2.0	Total/NA	Solid	8260B	510176
570-209335-5	SB21-5.0	Total/NA	Solid	8260B	510176
570-209335-6	SB21-15.0	Total/NA	Solid	8260B	510176
570-209335-7	SB23-2.0	Total/NA	Solid	8260B	510176
MB 570-510130/5	Method Blank	Total/NA	Solid	8260B	
MB 570-510130/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-510130/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510130/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 510176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	5035	
570-209335-2	SB17-5.0	Total/NA	Solid	5035	
570-209335-3	SB17-15.0	Total/NA	Solid	5035	
570-209335-4	SB21-2.0	Total/NA	Solid	5035	
570-209335-5	SB21-5.0	Total/NA	Solid	5035	
570-209335-6	SB21-15.0	Total/NA	Solid	5035	
570-209335-7	SB23-2.0	Total/NA	Solid	5035	
570-209335-8	SB23-5.0	Total/NA	Solid	5035	
570-209335-9	SB23-15.0	Total/NA	Solid	5035	
570-209335-10	SB24-2.0	Total/NA	Solid	5035	
570-209335-11	SB24-5.0	Total/NA	Solid	5035	
570-209335-12	SB24-15.0	Total/NA	Solid	5035	
570-209335-13	SB22-2.0	Total/NA	Solid	5035	
570-209335-14	SB22-5.0	Total/NA	Solid	5035	
570-209335-15	SB22-15.0	Total/NA	Solid	5035	
570-209335-16	SB18-2.0	Total/NA	Solid	5035	
570-209335-17	SB18-5.0	Total/NA	Solid	5035	
570-209335-18	SB18-14.0	Total/NA	Solid	5035	
570-209335-19	SB20-2.0	Total/NA	Solid	5035	
570-209335-20	SB20-5.0	Total/NA	Solid	5035	
570-209335-21	SB20-15.0	Total/NA	Solid	5035	
570-209335-22	SB19-2.0	Total/NA	Solid	5035	
570-209335-23	SB19-5.0	Total/NA	Solid	5035	
570-209335-24	SB19-15.0	Total/NA	Solid	5035	
570-209335-25	SB28-2.0	Total/NA	Solid	5035	
570-209335-26	SB28-5.0	Total/NA	Solid	5035	
570-209335-27	SB28-15.0	Total/NA	Solid	5035	

Analysis Batch: 510307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-9	SB23-15.0	Total/NA	Solid	8260B	510176
570-209335-10	SB24-2.0	Total/NA	Solid	8260B	510176
570-209335-11	SB24-5.0	Total/NA	Solid	8260B	510176
570-209335-12	SB24-15.0	Total/NA	Solid	8260B	510176
570-209335-14	SB22-5.0	Total/NA	Solid	8260B	510176
570-209335-15	SB22-15.0	Total/NA	Solid	8260B	510176
570-209335-16	SB18-2.0	Total/NA	Solid	8260B	510176

GC/MS VOA (Continued)

Analysis Batch: 510307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-17	SB18-5.0	Total/NA	Solid	8260B	510176
570-209335-18	SB18-14.0	Total/NA	Solid	8260B	510176
570-209335-19	SB20-2.0	Total/NA	Solid	8260B	510176
MB 570-510307/6	Method Blank	Total/NA	Solid	8260B	
MB 570-510307/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-510307/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510307/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 510528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	8260B	
570-209335-29	TB20241203	Total/NA	Water	8260B	
MB 570-510528/6	Method Blank	Total/NA	Water	8260B	
LCS 570-510528/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-510528/3	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 510544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	8260B	510176
570-209335-21	SB20-15.0	Total/NA	Solid	8260B	510176
570-209335-22	SB19-2.0	Total/NA	Solid	8260B	510176
570-209335-23	SB19-5.0	Total/NA	Solid	8260B	510176
570-209335-24	SB19-15.0	Total/NA	Solid	8260B	510176
570-209335-25	SB28-2.0	Total/NA	Solid	8260B	510176
570-209335-26	SB28-5.0	Total/NA	Solid	8260B	510176
570-209335-27	SB28-15.0	Total/NA	Solid	8260B	510176
MB 570-510544/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-510544/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510544/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 510793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-8	SB23-5.0	Total/NA	Solid	8260B	510176
MB 570-510793/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-510793/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510793/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 511986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-13	SB22-2.0	Total/NA	Solid	8260B	510176
MB 570-511986/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-511986/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-511986/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 510294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	3546	
570-209335-2	SB17-5.0	Total/NA	Solid	3546	
570-209335-3	SB17-15.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 510294 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-4	SB21-2.0	Total/NA	Solid	3546	
570-209335-5	SB21-5.0	Total/NA	Solid	3546	
570-209335-6	SB21-15.0	Total/NA	Solid	3546	
570-209335-7	SB23-2.0	Total/NA	Solid	3546	
570-209335-8	SB23-5.0	Total/NA	Solid	3546	
570-209335-9	SB23-15.0	Total/NA	Solid	3546	
570-209335-10	SB24-2.0	Total/NA	Solid	3546	
570-209335-11	SB24-5.0	Total/NA	Solid	3546	
570-209335-12	SB24-15.0	Total/NA	Solid	3546	
570-209335-13	SB22-2.0	Total/NA	Solid	3546	
570-209335-14	SB22-5.0	Total/NA	Solid	3546	
570-209335-15	SB22-15.0	Total/NA	Solid	3546	
570-209335-16	SB18-2.0	Total/NA	Solid	3546	
570-209335-17	SB18-5.0	Total/NA	Solid	3546	
570-209335-18	SB18-14.0	Total/NA	Solid	3546	
570-209335-19	SB20-2.0	Total/NA	Solid	3546	
MB 570-510294/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510294/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510294/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209335-1 MS	SB17-2.0	Total/NA	Solid	3546	
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	3546	

Prep Batch: 510295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	3546	
570-209335-2	SB17-5.0	Total/NA	Solid	3546	
570-209335-3	SB17-15.0	Total/NA	Solid	3546	
570-209335-4	SB21-2.0	Total/NA	Solid	3546	
570-209335-5	SB21-5.0	Total/NA	Solid	3546	
570-209335-6	SB21-15.0	Total/NA	Solid	3546	
570-209335-7	SB23-2.0	Total/NA	Solid	3546	
570-209335-8	SB23-5.0	Total/NA	Solid	3546	
570-209335-9	SB23-15.0	Total/NA	Solid	3546	
570-209335-10	SB24-2.0	Total/NA	Solid	3546	
570-209335-11	SB24-5.0	Total/NA	Solid	3546	
570-209335-12	SB24-15.0	Total/NA	Solid	3546	
570-209335-13	SB22-2.0	Total/NA	Solid	3546	
570-209335-14	SB22-5.0	Total/NA	Solid	3546	
570-209335-15	SB22-15.0	Total/NA	Solid	3546	
570-209335-16	SB18-2.0	Total/NA	Solid	3546	
570-209335-17	SB18-5.0	Total/NA	Solid	3546	
570-209335-18	SB18-14.0	Total/NA	Solid	3546	
570-209335-19	SB20-2.0	Total/NA	Solid	3546	
MB 570-510295/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510295/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510295/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209335-19 MS	SB20-2.0	Total/NA	Solid	3546	
570-209335-19 MSD	SB20-2.0	Total/NA	Solid	3546	

GC/MS Semi VOA

Prep Batch: 510363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	3510C	
MB 570-510363/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 510466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	3546	
570-209335-21	SB20-15.0	Total/NA	Solid	3546	
570-209335-22	SB19-2.0	Total/NA	Solid	3546	
570-209335-23	SB19-5.0	Total/NA	Solid	3546	
570-209335-24	SB19-15.0	Total/NA	Solid	3546	
570-209335-25	SB28-2.0	Total/NA	Solid	3546	
570-209335-26	SB28-5.0	Total/NA	Solid	3546	
570-209335-27	SB28-15.0	Total/NA	Solid	3546	
MB 570-510466/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510466/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510466/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209335-21 MS	SB20-15.0	Total/NA	Solid	3546	
570-209335-21 MSD	SB20-15.0	Total/NA	Solid	3546	

Prep Batch: 510467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	3546	
570-209335-21	SB20-15.0	Total/NA	Solid	3546	
570-209335-22	SB19-2.0	Total/NA	Solid	3546	
570-209335-23	SB19-5.0	Total/NA	Solid	3546	
570-209335-24	SB19-15.0	Total/NA	Solid	3546	
570-209335-25	SB28-2.0	Total/NA	Solid	3546	
570-209335-26	SB28-5.0	Total/NA	Solid	3546	
570-209335-27	SB28-15.0	Total/NA	Solid	3546	
MB 570-510467/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510467/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510467/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209335-27 MS	SB28-15.0	Total/NA	Solid	3546	
570-209335-27 MSD	SB28-15.0	Total/NA	Solid	3546	

Prep Batch: 510534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	3510C	
MB 570-510534/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 511354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	8270C	510466
570-209335-21	SB20-15.0	Total/NA	Solid	8270C	510466
570-209335-22	SB19-2.0	Total/NA	Solid	8270C	510466
570-209335-23	SB19-5.0	Total/NA	Solid	8270C	510466
570-209335-24	SB19-15.0	Total/NA	Solid	8270C	510466

GC/MS Semi VOA (Continued)

Analysis Batch: 511354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-25	SB28-2.0	Total/NA	Solid	8270C	510466
570-209335-26	SB28-5.0	Total/NA	Solid	8270C	510466
570-209335-27	SB28-15.0	Total/NA	Solid	8270C	510466
MB 570-510466/1-A	Method Blank	Total/NA	Solid	8270C	510466
LCS 570-510466/2-A	Lab Control Sample	Total/NA	Solid	8270C	510466
LCSD 570-510466/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510466
570-209335-21 MS	SB20-15.0	Total/NA	Solid	8270C	510466
570-209335-21 MSD	SB20-15.0	Total/NA	Solid	8270C	510466

Analysis Batch: 511364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	8270C	510295
570-209335-2	SB17-5.0	Total/NA	Solid	8270C	510295
570-209335-3	SB17-15.0	Total/NA	Solid	8270C	510295
570-209335-4	SB21-2.0	Total/NA	Solid	8270C	510295
570-209335-5	SB21-5.0	Total/NA	Solid	8270C	510295
570-209335-6	SB21-15.0	Total/NA	Solid	8270C	510295
570-209335-7	SB23-2.0	Total/NA	Solid	8270C	510295
570-209335-8	SB23-5.0	Total/NA	Solid	8270C	510295
570-209335-9	SB23-15.0	Total/NA	Solid	8270C	510295
570-209335-10	SB24-2.0	Total/NA	Solid	8270C	510295
570-209335-11	SB24-5.0	Total/NA	Solid	8270C	510295
570-209335-12	SB24-15.0	Total/NA	Solid	8270C	510295
570-209335-13	SB22-2.0	Total/NA	Solid	8270C	510295
570-209335-14	SB22-5.0	Total/NA	Solid	8270C	510295
570-209335-15	SB22-15.0	Total/NA	Solid	8270C	510295
570-209335-16	SB18-2.0	Total/NA	Solid	8270C	510295
570-209335-17	SB18-5.0	Total/NA	Solid	8270C	510295
570-209335-18	SB18-14.0	Total/NA	Solid	8270C	510295
570-209335-19	SB20-2.0	Total/NA	Solid	8270C	510295
MB 570-510295/1-A	Method Blank	Total/NA	Solid	8270C	510295
LCS 570-510295/2-A	Lab Control Sample	Total/NA	Solid	8270C	510295
LCSD 570-510295/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510295
570-209335-19 MS	SB20-2.0	Total/NA	Solid	8270C	510295
570-209335-19 MSD	SB20-2.0	Total/NA	Solid	8270C	510295

Analysis Batch: 511370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-2	SB17-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-3	SB17-15.0	Total/NA	Solid	8270C SIM	510294
570-209335-4	SB21-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-5	SB21-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-6	SB21-15.0	Total/NA	Solid	8270C SIM	510294
570-209335-7	SB23-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-8	SB23-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-9	SB23-15.0	Total/NA	Solid	8270C SIM	510294
570-209335-10	SB24-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-11	SB24-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-12	SB24-15.0	Total/NA	Solid	8270C SIM	510294
MB 570-510294/1-A	Method Blank	Total/NA	Solid	8270C SIM	510294

GC/MS Semi VOA (Continued)

Analysis Batch: 511370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-510294/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510294
LCSD 570-510294/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510294
570-209335-1 MS	SB17-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	8270C SIM	510294

Analysis Batch: 511373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	8270C SIM	510467
570-209335-21	SB20-15.0	Total/NA	Solid	8270C SIM	510467
570-209335-22	SB19-2.0	Total/NA	Solid	8270C SIM	510467
570-209335-23	SB19-5.0	Total/NA	Solid	8270C SIM	510467
570-209335-24	SB19-15.0	Total/NA	Solid	8270C SIM	510467
570-209335-25	SB28-2.0	Total/NA	Solid	8270C SIM	510467
570-209335-26	SB28-5.0	Total/NA	Solid	8270C SIM	510467
570-209335-27	SB28-15.0	Total/NA	Solid	8270C SIM	510467
MB 570-510467/1-A	Method Blank	Total/NA	Solid	8270C SIM	510467
LCS 570-510467/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510467
LCSD 570-510467/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510467
570-209335-27 MS	SB28-15.0	Total/NA	Solid	8270C SIM	510467
570-209335-27 MSD	SB28-15.0	Total/NA	Solid	8270C SIM	510467

Analysis Batch: 511619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	8270C	510363
MB 570-510363/1-A	Method Blank	Total/NA	Water	8270C	510363
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	8270C	510363
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	510363

Analysis Batch: 511708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-13	SB22-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-14	SB22-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-15	SB22-15.0	Total/NA	Solid	8270C SIM	510294
570-209335-16	SB18-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-17	SB18-5.0	Total/NA	Solid	8270C SIM	510294
570-209335-18	SB18-14.0	Total/NA	Solid	8270C SIM	510294
570-209335-19	SB20-2.0	Total/NA	Solid	8270C SIM	510294
570-209335-28	EB20241203	Total/NA	Water	8270C SIM	510534
MB 570-510534/1-A	Method Blank	Total/NA	Water	8270C SIM	510534
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	510534
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	510534

GC VOA

Prep Batch: 510176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	5035	
570-209335-2	SB17-5.0	Total/NA	Solid	5035	
570-209335-3	SB17-15.0	Total/NA	Solid	5035	
570-209335-4	SB21-2.0	Total/NA	Solid	5035	
570-209335-5	SB21-5.0	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 510176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-6	SB21-15.0	Total/NA	Solid	5035	
570-209335-7	SB23-2.0	Total/NA	Solid	5035	
570-209335-8	SB23-5.0	Total/NA	Solid	5035	
570-209335-9	SB23-15.0	Total/NA	Solid	5035	
570-209335-10	SB24-2.0	Total/NA	Solid	5035	
570-209335-11	SB24-5.0	Total/NA	Solid	5035	
570-209335-12	SB24-15.0	Total/NA	Solid	5035	
570-209335-13	SB22-2.0	Total/NA	Solid	5035	
570-209335-14	SB22-5.0	Total/NA	Solid	5035	
570-209335-15	SB22-15.0	Total/NA	Solid	5035	
570-209335-16	SB18-2.0	Total/NA	Solid	5035	
570-209335-17	SB18-5.0	Total/NA	Solid	5035	
570-209335-18	SB18-14.0	Total/NA	Solid	5035	
570-209335-19	SB20-2.0	Total/NA	Solid	5035	
570-209335-20	SB20-5.0	Total/NA	Solid	5035	
570-209335-21	SB20-15.0	Total/NA	Solid	5035	
570-209335-22	SB19-2.0	Total/NA	Solid	5035	
570-209335-23	SB19-5.0	Total/NA	Solid	5035	
570-209335-24	SB19-15.0	Total/NA	Solid	5035	
570-209335-25	SB28-2.0	Total/NA	Solid	5035	
570-209335-26	SB28-5.0	Total/NA	Solid	5035	
570-209335-27	SB28-15.0	Total/NA	Solid	5035	

Analysis Batch: 511327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	8015B	510176
570-209335-2	SB17-5.0	Total/NA	Solid	8015B	510176
570-209335-3	SB17-15.0	Total/NA	Solid	8015B	510176
570-209335-4	SB21-2.0	Total/NA	Solid	8015B	510176
570-209335-5	SB21-5.0	Total/NA	Solid	8015B	510176
570-209335-6	SB21-15.0	Total/NA	Solid	8015B	510176
570-209335-8	SB23-5.0	Total/NA	Solid	8015B	510176
570-209335-9	SB23-15.0	Total/NA	Solid	8015B	510176
570-209335-10	SB24-2.0	Total/NA	Solid	8015B	510176
570-209335-11	SB24-5.0	Total/NA	Solid	8015B	510176
570-209335-12	SB24-15.0	Total/NA	Solid	8015B	510176
570-209335-13	SB22-2.0	Total/NA	Solid	8015B	510176
570-209335-14	SB22-5.0	Total/NA	Solid	8015B	510176
570-209335-15	SB22-15.0	Total/NA	Solid	8015B	510176
570-209335-16	SB18-2.0	Total/NA	Solid	8015B	510176
570-209335-17	SB18-5.0	Total/NA	Solid	8015B	510176
570-209335-18	SB18-14.0	Total/NA	Solid	8015B	510176
MB 570-511327/5	Method Blank	Total/NA	Solid	8015B	
MB 570-511327/6	Method Blank	Total/NA	Solid	8015B	
LCS 570-511327/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-511327/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 511367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-19	SB20-2.0	Total/NA	Solid	8015B	510176
570-209335-20	SB20-5.0	Total/NA	Solid	8015B	510176

GC VOA (Continued)

Analysis Batch: 511367 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-21	SB20-15.0	Total/NA	Solid	8015B	510176
570-209335-22	SB19-2.0	Total/NA	Solid	8015B	510176
570-209335-23	SB19-5.0	Total/NA	Solid	8015B	510176
570-209335-24	SB19-15.0	Total/NA	Solid	8015B	510176
570-209335-25	SB28-2.0	Total/NA	Solid	8015B	510176
570-209335-26	SB28-5.0	Total/NA	Solid	8015B	510176
570-209335-27	SB28-15.0	Total/NA	Solid	8015B	510176
MB 570-511367/33	Method Blank	Total/NA	Solid	8015B	
LCS 570-511367/31	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-511367/32	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 511402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-7	SB23-2.0	Total/NA	Solid	8015B	510176
MB 570-511402/6	Method Blank	Total/NA	Solid	8015B	
LCS 570-511402/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-511402/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 511802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	8015B	
MB 570-511802/33	Method Blank	Total/NA	Water	8015B	
LCS 570-511802/31	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-511802/32	Lab Control Sample Dup	Total/NA	Water	8015B	

GC Semi VOA

Prep Batch: 510407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-16	SB18-2.0	Total/NA	Solid	3550C	
570-209335-17	SB18-5.0	Total/NA	Solid	3550C	
570-209335-18	SB18-14.0	Total/NA	Solid	3550C	
570-209335-19	SB20-2.0	Total/NA	Solid	3550C	
570-209335-20	SB20-5.0	Total/NA	Solid	3550C	
570-209335-21	SB20-15.0	Total/NA	Solid	3550C	
570-209335-22	SB19-2.0	Total/NA	Solid	3550C	
570-209335-23	SB19-5.0	Total/NA	Solid	3550C	
570-209335-24	SB19-15.0	Total/NA	Solid	3550C	
570-209335-25	SB28-2.0	Total/NA	Solid	3550C	
570-209335-26	SB28-5.0	Total/NA	Solid	3550C	
570-209335-27	SB28-15.0	Total/NA	Solid	3550C	
MB 570-510407/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-510407/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-510407/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Prep Batch: 510431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	3550C	
570-209335-2	SB17-5.0	Total/NA	Solid	3550C	
570-209335-3	SB17-15.0	Total/NA	Solid	3550C	
570-209335-4	SB21-2.0	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 510431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-5	SB21-5.0	Total/NA	Solid	3550C	
570-209335-6	SB21-15.0	Total/NA	Solid	3550C	
570-209335-7	SB23-2.0	Total/NA	Solid	3550C	
570-209335-8	SB23-5.0	Total/NA	Solid	3550C	
570-209335-9	SB23-15.0	Total/NA	Solid	3550C	
570-209335-10	SB24-2.0	Total/NA	Solid	3550C	
570-209335-11	SB24-5.0	Total/NA	Solid	3550C	
570-209335-12	SB24-15.0	Total/NA	Solid	3550C	
570-209335-13	SB22-2.0	Total/NA	Solid	3550C	
570-209335-14	SB22-5.0	Total/NA	Solid	3550C	
570-209335-15	SB22-15.0	Total/NA	Solid	3550C	
MB 570-510431/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-510431/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-510431/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Prep Batch: 510489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	3510C	
MB 570-510489/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510489/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510489/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 510694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-16	SB18-2.0	Total/NA	Solid	8015B	510407
570-209335-17	SB18-5.0	Total/NA	Solid	8015B	510407
570-209335-18	SB18-14.0	Total/NA	Solid	8015B	510407
570-209335-19	SB20-2.0	Total/NA	Solid	8015B	510407
MB 570-510407/1-A	Method Blank	Total/NA	Solid	8015B	510407
MB 570-510431/1-A	Method Blank	Total/NA	Solid	8015B	510431
LCS 570-510407/2-A	Lab Control Sample	Total/NA	Solid	8015B	510407
LCS 570-510431/2-A	Lab Control Sample	Total/NA	Solid	8015B	510431
LCSD 570-510407/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	510407
LCSD 570-510431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	510431

Analysis Batch: 510721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	8015B	510489
MB 570-510489/1-A	Method Blank	Total/NA	Water	8015B	510489
LCS 570-510489/2-A	Lab Control Sample	Total/NA	Water	8015B	510489
LCSD 570-510489/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	510489

Analysis Batch: 511020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-20	SB20-5.0	Total/NA	Solid	8015B	510407
570-209335-21	SB20-15.0	Total/NA	Solid	8015B	510407
570-209335-22	SB19-2.0	Total/NA	Solid	8015B	510407
570-209335-23	SB19-5.0	Total/NA	Solid	8015B	510407
570-209335-24	SB19-15.0	Total/NA	Solid	8015B	510407
570-209335-25	SB28-2.0	Total/NA	Solid	8015B	510407
570-209335-26	SB28-5.0	Total/NA	Solid	8015B	510407

GC Semi VOA (Continued)

Analysis Batch: 511020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-27	SB28-15.0	Total/NA	Solid	8015B	510407

Analysis Batch: 511166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	8015B	510431
570-209335-2	SB17-5.0	Total/NA	Solid	8015B	510431
570-209335-3	SB17-15.0	Total/NA	Solid	8015B	510431
570-209335-4	SB21-2.0	Total/NA	Solid	8015B	510431
570-209335-5	SB21-5.0	Total/NA	Solid	8015B	510431
570-209335-6	SB21-15.0	Total/NA	Solid	8015B	510431
570-209335-7	SB23-2.0	Total/NA	Solid	8015B	510431
570-209335-8	SB23-5.0	Total/NA	Solid	8015B	510431
570-209335-9	SB23-15.0	Total/NA	Solid	8015B	510431
570-209335-10	SB24-2.0	Total/NA	Solid	8015B	510431
570-209335-11	SB24-5.0	Total/NA	Solid	8015B	510431
570-209335-12	SB24-15.0	Total/NA	Solid	8015B	510431
570-209335-13	SB22-2.0	Total/NA	Solid	8015B	510431
570-209335-14	SB22-5.0	Total/NA	Solid	8015B	510431
570-209335-15	SB22-15.0	Total/NA	Solid	8015B	510431

Metals

Prep Batch: 510350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	3005A	
MB 570-510350/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-510350/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-510350/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 510815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	7471A	
570-209335-2	SB17-5.0	Total/NA	Solid	7471A	
570-209335-3	SB17-15.0	Total/NA	Solid	7471A	
570-209335-4	SB21-2.0	Total/NA	Solid	7471A	
570-209335-5	SB21-5.0	Total/NA	Solid	7471A	
570-209335-6	SB21-15.0	Total/NA	Solid	7471A	
570-209335-7	SB23-2.0	Total/NA	Solid	7471A	
570-209335-8	SB23-5.0	Total/NA	Solid	7471A	
570-209335-9	SB23-15.0	Total/NA	Solid	7471A	
570-209335-10	SB24-2.0	Total/NA	Solid	7471A	
570-209335-11	SB24-5.0	Total/NA	Solid	7471A	
570-209335-12	SB24-15.0	Total/NA	Solid	7471A	
570-209335-13	SB22-2.0	Total/NA	Solid	7471A	
570-209335-14	SB22-5.0	Total/NA	Solid	7471A	
570-209335-15	SB22-15.0	Total/NA	Solid	7471A	
570-209335-16	SB18-2.0	Total/NA	Solid	7471A	
570-209335-17	SB18-5.0	Total/NA	Solid	7471A	
570-209335-18	SB18-14.0	Total/NA	Solid	7471A	
570-209335-19	SB20-2.0	Total/NA	Solid	7471A	
570-209335-20	SB20-5.0	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 510815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-510815/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-510815/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-510815/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209335-1 MS	SB17-2.0	Total/NA	Solid	7471A	
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	7471A	

Prep Batch: 510830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-21	SB20-15.0	Total/NA	Solid	7471A	
570-209335-22	SB19-2.0	Total/NA	Solid	7471A	
570-209335-23	SB19-5.0	Total/NA	Solid	7471A	
570-209335-24	SB19-15.0	Total/NA	Solid	7471A	
570-209335-25	SB28-2.0	Total/NA	Solid	7471A	
570-209335-26	SB28-5.0	Total/NA	Solid	7471A	
570-209335-27	SB28-15.0	Total/NA	Solid	7471A	
MB 570-510830/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-510830/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-510830/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Prep Batch: 510873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	3051A	
570-209335-2	SB17-5.0	Total/NA	Solid	3051A	
570-209335-3	SB17-15.0	Total/NA	Solid	3051A	
570-209335-4	SB21-2.0	Total/NA	Solid	3051A	
570-209335-5	SB21-5.0	Total/NA	Solid	3051A	
570-209335-6	SB21-15.0	Total/NA	Solid	3051A	
570-209335-7	SB23-2.0	Total/NA	Solid	3051A	
570-209335-8	SB23-5.0	Total/NA	Solid	3051A	
570-209335-9	SB23-15.0	Total/NA	Solid	3051A	
570-209335-10	SB24-2.0	Total/NA	Solid	3051A	
570-209335-11	SB24-5.0	Total/NA	Solid	3051A	
570-209335-12	SB24-15.0	Total/NA	Solid	3051A	
570-209335-13	SB22-2.0	Total/NA	Solid	3051A	
570-209335-14	SB22-5.0	Total/NA	Solid	3051A	
570-209335-15	SB22-15.0	Total/NA	Solid	3051A	
570-209335-16	SB18-2.0	Total/NA	Solid	3051A	
570-209335-17	SB18-5.0	Total/NA	Solid	3051A	
570-209335-18	SB18-14.0	Total/NA	Solid	3051A	
570-209335-19	SB20-2.0	Total/NA	Solid	3051A	
570-209335-20	SB20-5.0	Total/NA	Solid	3051A	
MB 570-510873/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-510873/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-510873/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-209335-1 MS	SB17-2.0	Total/NA	Solid	3051A	
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	3051A	

Prep Batch: 510880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-21	SB20-15.0	Total/NA	Solid	3051A	
570-209335-22	SB19-2.0	Total/NA	Solid	3051A	

Metals (Continued)

Prep Batch: 510880 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-23	SB19-5.0	Total/NA	Solid	3051A	
570-209335-24	SB19-15.0	Total/NA	Solid	3051A	
570-209335-25	SB28-2.0	Total/NA	Solid	3051A	
570-209335-26	SB28-5.0	Total/NA	Solid	3051A	
570-209335-27	SB28-15.0	Total/NA	Solid	3051A	
MB 570-510880/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-510880/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-510880/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-209335-21 MS	SB20-15.0	Total/NA	Solid	3051A	
570-209335-21 MSD	SB20-15.0	Total/NA	Solid	3051A	

Analysis Batch: 511118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	7471A	510815
570-209335-2	SB17-5.0	Total/NA	Solid	7471A	510815
570-209335-3	SB17-15.0	Total/NA	Solid	7471A	510815
570-209335-4	SB21-2.0	Total/NA	Solid	7471A	510815
570-209335-5	SB21-5.0	Total/NA	Solid	7471A	510815
570-209335-6	SB21-15.0	Total/NA	Solid	7471A	510815
570-209335-7	SB23-2.0	Total/NA	Solid	7471A	510815
570-209335-8	SB23-5.0	Total/NA	Solid	7471A	510815
570-209335-9	SB23-15.0	Total/NA	Solid	7471A	510815
570-209335-10	SB24-2.0	Total/NA	Solid	7471A	510815
570-209335-11	SB24-5.0	Total/NA	Solid	7471A	510815
570-209335-12	SB24-15.0	Total/NA	Solid	7471A	510815
570-209335-13	SB22-2.0	Total/NA	Solid	7471A	510815
570-209335-14	SB22-5.0	Total/NA	Solid	7471A	510815
570-209335-15	SB22-15.0	Total/NA	Solid	7471A	510815
570-209335-16	SB18-2.0	Total/NA	Solid	7471A	510815
570-209335-17	SB18-5.0	Total/NA	Solid	7471A	510815
570-209335-18	SB18-14.0	Total/NA	Solid	7471A	510815
570-209335-19	SB20-2.0	Total/NA	Solid	7471A	510815
570-209335-20	SB20-5.0	Total/NA	Solid	7471A	510815
570-209335-21	SB20-15.0	Total/NA	Solid	7471A	510830
570-209335-22	SB19-2.0	Total/NA	Solid	7471A	510830
570-209335-23	SB19-5.0	Total/NA	Solid	7471A	510830
570-209335-24	SB19-15.0	Total/NA	Solid	7471A	510830
570-209335-25	SB28-2.0	Total/NA	Solid	7471A	510830
570-209335-26	SB28-5.0	Total/NA	Solid	7471A	510830
570-209335-27	SB28-15.0	Total/NA	Solid	7471A	510830
MB 570-510815/1-A	Method Blank	Total/NA	Solid	7471A	510815
MB 570-510830/1-A	Method Blank	Total/NA	Solid	7471A	510830
LCS 570-510815/2-A	Lab Control Sample	Total/NA	Solid	7471A	510815
LCS 570-510830/2-A	Lab Control Sample	Total/NA	Solid	7471A	510830
LCSD 570-510815/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	510815
LCSD 570-510830/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	510830
570-209335-1 MS	SB17-2.0	Total/NA	Solid	7471A	510815
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	7471A	510815

Metals

Analysis Batch: 511459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	6010B	510873
570-209335-2	SB17-5.0	Total/NA	Solid	6010B	510873
570-209335-3	SB17-15.0	Total/NA	Solid	6010B	510873
570-209335-4	SB21-2.0	Total/NA	Solid	6010B	510873
570-209335-5	SB21-5.0	Total/NA	Solid	6010B	510873
570-209335-6	SB21-15.0	Total/NA	Solid	6010B	510873
570-209335-7	SB23-2.0	Total/NA	Solid	6010B	510873
570-209335-8	SB23-5.0	Total/NA	Solid	6010B	510873
570-209335-9	SB23-15.0	Total/NA	Solid	6010B	510873
570-209335-10	SB24-2.0	Total/NA	Solid	6010B	510873
570-209335-11	SB24-5.0	Total/NA	Solid	6010B	510873
570-209335-12	SB24-15.0	Total/NA	Solid	6010B	510873
570-209335-13	SB22-2.0	Total/NA	Solid	6010B	510873
570-209335-15	SB22-15.0	Total/NA	Solid	6010B	510873
570-209335-16	SB18-2.0	Total/NA	Solid	6010B	510873
570-209335-17	SB18-5.0	Total/NA	Solid	6010B	510873
570-209335-18	SB18-14.0	Total/NA	Solid	6010B	510873
570-209335-19	SB20-2.0	Total/NA	Solid	6010B	510873
570-209335-20	SB20-5.0	Total/NA	Solid	6010B	510873
570-209335-21	SB20-15.0	Total/NA	Solid	6010B	510880
570-209335-22	SB19-2.0	Total/NA	Solid	6010B	510880
570-209335-23	SB19-5.0	Total/NA	Solid	6010B	510880
570-209335-24	SB19-15.0	Total/NA	Solid	6010B	510880
570-209335-25	SB28-2.0	Total/NA	Solid	6010B	510880
570-209335-26	SB28-5.0	Total/NA	Solid	6010B	510880
570-209335-27	SB28-15.0	Total/NA	Solid	6010B	510880
570-209335-28	EB20241203	Total/NA	Water	6010B	510350
MB 570-510350/1-A	Method Blank	Total Recoverable	Water	6010B	510350
MB 570-510873/1-A ^2	Method Blank	Total/NA	Solid	6010B	510873
MB 570-510880/1-A ^2	Method Blank	Total/NA	Solid	6010B	510880
LCS 570-510350/2-A	Lab Control Sample	Total Recoverable	Water	6010B	510350
LCS 570-510873/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	510873
LCS 570-510880/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	510880
LCSD 570-510350/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	510350
LCSD 570-510873/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	510873
LCSD 570-510880/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	510880
570-209335-1 MS	SB17-2.0	Total/NA	Solid	6010B	510873
570-209335-1 MSD	SB17-2.0	Total/NA	Solid	6010B	510873
570-209335-21 MS	SB20-15.0	Total/NA	Solid	6010B	510880
570-209335-21 MSD	SB20-15.0	Total/NA	Solid	6010B	510880

Prep Batch: 511713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	7470A	
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 511752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-28	EB20241203	Total/NA	Water	7470A	511713

Metals (Continued)

Analysis Batch: 511752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	511713
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	511713
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	511713

Analysis Batch: 511907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-14	SB22-5.0	Total/NA	Solid	6010B	510873

General Chemistry

Analysis Batch: 510391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-2	SB17-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-3	SB17-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-4	SB21-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-5	SB21-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-6	SB21-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-7	SB23-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-8	SB23-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-9	SB23-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-10	SB24-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-11	SB24-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-12	SB24-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-13	SB22-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-14	SB22-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-15	SB22-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-16	SB18-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-17	SB18-5.0	Total/NA	Solid	Moisture - 2540	
MB 570-510391/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209335-1 DU	SB17-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-11 DU	SB24-5.0	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 510434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-18	SB18-14.0	Total/NA	Solid	Moisture - 2540	
570-209335-19	SB20-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-20	SB20-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-21	SB20-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-22	SB19-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-23	SB19-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-24	SB19-15.0	Total/NA	Solid	Moisture - 2540	
570-209335-25	SB28-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-26	SB28-5.0	Total/NA	Solid	Moisture - 2540	
570-209335-27	SB28-15.0	Total/NA	Solid	Moisture - 2540	
MB 570-510434/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209335-16 DU	SB18-2.0	Total/NA	Solid	Moisture - 2540	
570-209335-26 DU	SB28-5.0	Total/NA	Solid	Moisture - 2540	

Client Sample ID: SB17-2.0
Lab Sample ID: 570-209335-1

Date Collected: 12/03/24 08:26
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.082 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510130	12/05/24 03:13	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.12 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	511364	12/07/24 21:05	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.17 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	511370	12/07/24 23:07	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.432 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 14:37	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.17 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511166	12/07/24 04:10	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5037 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:33	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:58	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB17-5.0
Lab Sample ID: 570-209335-2

Date Collected: 12/03/24 08:40
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.174 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510130	12/05/24 03:35	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.09 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/07/24 21:29	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.03 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/07/24 23:28	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.535 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 14:56	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.07 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 04:33	E5RH	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SB17-5.0
Lab Sample ID: 570-209335-2

Date Collected: 12/03/24 08:40
Matrix: Solid

Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5047 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:42	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:04	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB17-15.0
Lab Sample ID: 570-209335-3

Date Collected: 12/03/24 08:50
Matrix: Solid

Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.449 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510130	12/05/24 03:57	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.14 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/07/24 21:52	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.30 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/07/24 23:49	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.011 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 15:15	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.16 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 04:55	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4983 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:44	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:06	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB21-2.0
Lab Sample ID: 570-209335-4

Date Collected: 12/03/24 09:05
Matrix: Solid

Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.198 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	510130	12/05/24 05:03	NR	EET CAL 4
	Instrument ID: GCMSCC									

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB21-2.0
Lab Sample ID: 570-209335-4

Date Collected: 12/03/24 09:05
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.64 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	511364	12/07/24 22:15	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	511370	12/08/24 00:10	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.198 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		100	5 mL	5 mL	511327	12/07/24 21:02	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.09 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511166	12/07/24 05:19	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5198 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:51	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:12	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB21-5.0
Lab Sample ID: 570-209335-5

Date Collected: 12/03/24 09:15
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.153 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510130	12/05/24 04:19	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.26 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/07/24 22:38	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.30 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	511370	12/08/24 00:32	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.881 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 15:34	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.08 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 05:41	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5253 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:53	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB21-5.0
Lab Sample ID: 570-209335-5

Date Collected: 12/03/24 09:15
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.47 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:14	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB21-15.0
Lab Sample ID: 570-209335-6

Date Collected: 12/03/24 09:30
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.295 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510130	12/05/24 04:41	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.07 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/07/24 23:01	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.07 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/08/24 00:53	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.585 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 15:52	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.07 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 06:05	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5186 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:56	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:16	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB23-2.0
Lab Sample ID: 570-209335-7

Date Collected: 12/03/24 09:50
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.636 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		200	5 g	5 mL	510130	12/05/24 05:25	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.39 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		10	1 mL	1 mL	511364	12/07/24 23:25	J7WE	EET CAL 4
	Instrument ID: GCMSSS									

Client Sample ID: SB23-2.0
Lab Sample ID: 570-209335-7

Date Collected: 12/03/24 09:50
Matrix: Solid

Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.26 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	511370	12/08/24 01:14	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.636 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		20	5 mL	5 mL	511402	12/08/24 19:15	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.15 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511166	12/07/24 06:28	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5260 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:58	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:19	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB23-5.0
Lab Sample ID: 570-209335-8

Date Collected: 12/03/24 10:00
Matrix: Solid

Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.112 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 10:10	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.37 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/07/24 23:48	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/08/24 01:35	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.713 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 16:11	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.01 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 06:51	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5469 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:00	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:21	BG9Y	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB23-5.0
Lab Sample ID: 570-209335-8

Date Collected: 12/03/24 10:00
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4

Client Sample ID: SB23-15.0
Lab Sample ID: 570-209335-9

Date Collected: 12/03/24 10:10
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.773 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 13:41	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.18 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 00:11	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.23 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/08/24 01:57	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.62 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 17:08	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.07 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 07:14	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5640 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:03	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:23	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB24-2.0
Lab Sample ID: 570-209335-10

Date Collected: 12/03/24 10:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.371 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 14:01	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.18 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	511364	12/08/24 00:34	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.16 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	511370	12/08/24 02:18	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									

Client Sample ID: SB24-2.0
Lab Sample ID: 570-209335-10

Date Collected: 12/03/24 10:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.127 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 16:30	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.11 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 07:37	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5532 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:05	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:25	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB24-5.0
Lab Sample ID: 570-209335-11

Date Collected: 12/03/24 10:35
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.603 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 14:21	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.35 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 00:57	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.01 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/08/24 02:39	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.271 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 16:49	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.19 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 08:00	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5163 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:07	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:27	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB24-15.0
Lab Sample ID: 570-209335-12
Date Collected: 12/03/24 10:50
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.409 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 14:41	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.38 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 01:21	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.18 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511370	12/08/24 03:00	J7WE	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.533 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 18:32	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.14 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 08:23	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4654 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:10	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:29	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB22-2.0
Lab Sample ID: 570-209335-13
Date Collected: 12/03/24 11:05
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.802 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511986	12/10/24 15:39	UJHB	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			20.34 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	511364	12/08/24 01:44	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.26 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 18:07	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.41 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 18:51	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.15 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511166	12/07/24 08:46	E5RH	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SB22-2.0
Lab Sample ID: 570-209335-13
Date Collected: 12/03/24 11:05
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5416 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:12	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:31	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB22-5.0
Lab Sample ID: 570-209335-14
Date Collected: 12/03/24 11:15
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.176 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 15:21	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.34 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 02:07	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.23 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 18:28	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.761 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 19:10	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.13 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 09:09	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4893 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511907	12/09/24 18:53	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:37	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB22-15.0
Lab Sample ID: 570-209335-15
Date Collected: 12/03/24 11:30
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.192 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 15:40	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									

Client Sample ID: SB22-15.0
Lab Sample ID: 570-209335-15

Date Collected: 12/03/24 11:30
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.37 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 02:30	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.24 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 18:49	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.619 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 19:28	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.15 g	10 mL	510431	12/05/24 20:00	H6FE	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511166	12/07/24 09:32	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4915 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:21	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:39	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16

Date Collected: 12/03/24 12:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.089 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 16:00	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.23 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		10	1 mL	1 mL	511364	12/08/24 02:53	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.20 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	511708	12/09/24 19:10	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.47 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 19:47	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.16 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		5	10 mL	10 mL	510694	12/06/24 07:50	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5124 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:23	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16

Date Collected: 12/03/24 12:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:41	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB18-5.0
Lab Sample ID: 570-209335-17

Date Collected: 12/03/24 12:35
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.693 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 16:20	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.13 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 03:17	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.07 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 19:31	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.027 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 20:06	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.11 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	510694	12/06/24 08:14	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4926 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:26	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:43	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510391	12/05/24 09:56	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB18-14.0
Lab Sample ID: 570-209335-18

Date Collected: 12/03/24 12:45
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.074 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510307	12/05/24 16:40	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.23 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511364	12/08/24 03:40	J7WE	EET CAL 4
	Instrument ID: GCMSSS									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB18-14.0
Lab Sample ID: 570-209335-18

Date Collected: 12/03/24 12:45
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.12 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 19:53	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.909 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511327	12/07/24 20:25	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.03 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	510694	12/06/24 08:36	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5021 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:28	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:45	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB20-2.0
Lab Sample ID: 570-209335-19

Date Collected: 12/03/24 12:55
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.169 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	510307	12/05/24 17:20	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.34 g	2 mL	510295	12/05/24 06:35	H1SH	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	511364	12/07/24 20:42	J7WE	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.12 g	2 mL	510294	12/05/24 06:30	H1SH	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	511708	12/09/24 20:14	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.986 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/07/24 23:15	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.01 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		5	10 mL	10 mL	510694	12/06/24 09:00	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5002 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:30	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		5			511118	12/06/24 17:51	BG9Y	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB20-2.0
Lab Sample ID: 570-209335-19
Date Collected: 12/03/24 12:55
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4

Client Sample ID: SB20-5.0
Lab Sample ID: 570-209335-20
Date Collected: 12/03/24 13:00
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.826 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 18:33	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.00 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 20:58	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.4 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/07/24 23:27	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.151 g	5 mL	510176	12/04/24 19:13	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/07/24 23:34	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.02 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/06/24 22:24	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5316 g	50 mL	510873	12/06/24 10:16	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 07:33	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510815	12/06/24 08:22	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 17:49	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB20-15.0
Lab Sample ID: 570-209335-21
Date Collected: 12/03/24 13:15
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.166 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 18:53	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.07 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 21:21	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.6 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/07/24 23:49	J7WE	EET CAL 4
	Instrument ID: GCMSMM									

Client Sample ID: SB20-15.0
Lab Sample ID: 570-209335-21

Date Collected: 12/03/24 13:15
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.369 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/07/24 23:53	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.25 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/06/24 22:47	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5173 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 05:47	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:05	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB19-2.0
Lab Sample ID: 570-209335-22

Date Collected: 12/03/24 13:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.546 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 19:14	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.0 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		50	1 mL	1 mL	511354	12/07/24 21:45	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.1 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		50	1 mL	1 mL	511373	12/08/24 00:12	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.66 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 00:11	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.06 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		50	10 mL	10 mL	511020	12/06/24 23:10	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5272 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:01	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		2			511118	12/06/24 17:53	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB19-5.0
Lab Sample ID: 570-209335-23

Date Collected: 12/03/24 13:35
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.678 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 19:35	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.8 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 22:08	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.2 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/08/24 00:34	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.359 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 00:30	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.12 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/06/24 23:33	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4914 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:03	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:09	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB19-15.0
Lab Sample ID: 570-209335-24

Date Collected: 12/03/24 13:50
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.807 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 19:56	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.12 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 22:32	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.2 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/08/24 00:57	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.184 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 00:49	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.38 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/06/24 23:56	E5RH	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SB19-15.0
Lab Sample ID: 570-209335-24
Date Collected: 12/03/24 13:50
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4931 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:05	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:11	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB28-2.0
Lab Sample ID: 570-209335-25
Date Collected: 12/03/24 14:45
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.255 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 20:17	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.06 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 22:55	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.4 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/08/24 01:19	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.077 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 01:08	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.37 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/07/24 00:19	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5576 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:07	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:13	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB28-5.0
Lab Sample ID: 570-209335-26
Date Collected: 12/03/24 14:55
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.125 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 20:38	NR	EET CAL 4
	Instrument ID: GCMSLL									

Client Sample ID: SB28-5.0
Lab Sample ID: 570-209335-26
Date Collected: 12/03/24 14:55
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.5 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 23:18	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.2 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/08/24 01:42	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.185 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 01:27	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.06 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/07/24 01:28	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5114 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:10	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:15	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB28-15.0
Lab Sample ID: 570-209335-27
Date Collected: 12/03/24 15:10
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.975 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/05/24 20:59	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.12 g	2 mL	510466	12/05/24 12:23	OAJ3	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511354	12/07/24 23:42	J7WE	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.4 g	2 mL	510467	12/05/24 12:26	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511373	12/08/24 02:04	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.28 g	5 mL	510176	12/04/24 19:14	NR	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 01:46	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.23 g	10 mL	510407	12/05/24 10:33	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511020	12/07/24 01:51	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5434 g	50 mL	510880	12/06/24 10:34	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			511459	12/07/24 06:12	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Client Sample ID: SB28-15.0
Lab Sample ID: 570-209335-27

Date Collected: 12/03/24 15:10
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	510830	12/06/24 09:04	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 16:17	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			510434	12/05/24 11:09	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB20241203
Lab Sample ID: 570-209335-28

Date Collected: 12/03/24 15:30
Matrix: Water
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510528	12/05/24 21:49	GC3Z	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			970.9 mL	2 mL	510363	12/05/24 09:15	UD4J	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511619	12/09/24 15:58	CG	EET CAL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			969.6 mL	2 mL	510534	12/05/24 14:19	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 16:30	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5 mL	5 mL	511802	12/10/24 01:03	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3510C			242 mL	2.5 mL	510489	12/05/24 13:18	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	510721	12/06/24 11:27	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3005A			50 mL	50 mL	510350	12/05/24 08:59	JP8N	EET CAL 4
Total/NA	Analysis	6010B		1			511459	12/07/24 00:37	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7470A			25 mL	50 mL	511713	12/09/24 13:41	VCN7	EET CAL 4
Total/NA	Analysis	7470A		1			511752	12/09/24 17:12	BG9Y	EET CAL 4
	Instrument ID: HG9									

Client Sample ID: TB20241203
Lab Sample ID: 570-209335-29

Date Collected: 12/03/24 00:00
Matrix: Water
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510528	12/05/24 20:16	GC3Z	EET CAL 4
	Instrument ID: GCMSXX									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209335-1	SB17-2.0	Solid	12/03/24 08:26	12/03/24 17:15
570-209335-2	SB17-5.0	Solid	12/03/24 08:40	12/03/24 17:15
570-209335-3	SB17-15.0	Solid	12/03/24 08:50	12/03/24 17:15
570-209335-4	SB21-2.0	Solid	12/03/24 09:05	12/03/24 17:15
570-209335-5	SB21-5.0	Solid	12/03/24 09:15	12/03/24 17:15
570-209335-6	SB21-15.0	Solid	12/03/24 09:30	12/03/24 17:15
570-209335-7	SB23-2.0	Solid	12/03/24 09:50	12/03/24 17:15
570-209335-8	SB23-5.0	Solid	12/03/24 10:00	12/03/24 17:15
570-209335-9	SB23-15.0	Solid	12/03/24 10:10	12/03/24 17:15
570-209335-10	SB24-2.0	Solid	12/03/24 10:25	12/03/24 17:15
570-209335-11	SB24-5.0	Solid	12/03/24 10:35	12/03/24 17:15
570-209335-12	SB24-15.0	Solid	12/03/24 10:50	12/03/24 17:15
570-209335-13	SB22-2.0	Solid	12/03/24 11:05	12/03/24 17:15
570-209335-14	SB22-5.0	Solid	12/03/24 11:15	12/03/24 17:15
570-209335-15	SB22-15.0	Solid	12/03/24 11:30	12/03/24 17:15
570-209335-16	SB18-2.0	Solid	12/03/24 12:25	12/03/24 17:15
570-209335-17	SB18-5.0	Solid	12/03/24 12:35	12/03/24 17:15
570-209335-18	SB18-14.0	Solid	12/03/24 12:45	12/03/24 17:15
570-209335-19	SB20-2.0	Solid	12/03/24 12:55	12/03/24 17:15
570-209335-20	SB20-5.0	Solid	12/03/24 13:00	12/03/24 17:15
570-209335-21	SB20-15.0	Solid	12/03/24 13:15	12/03/24 17:15
570-209335-22	SB19-2.0	Solid	12/03/24 13:25	12/03/24 17:15
570-209335-23	SB19-5.0	Solid	12/03/24 13:35	12/03/24 17:15
570-209335-24	SB19-15.0	Solid	12/03/24 13:50	12/03/24 17:15
570-209335-25	SB28-2.0	Solid	12/03/24 14:45	12/03/24 17:15
570-209335-26	SB28-5.0	Solid	12/03/24 14:55	12/03/24 17:15
570-209335-27	SB28-15.0	Solid	12/03/24 15:10	12/03/24 17:15
570-209335-28	EB20241203	Water	12/03/24 15:30	12/03/24 17:15
570-209335-29	TB20241203	Water	12/03/24 00:00	12/03/24 17:15

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC analysis for analyte concentrations greater than 10X the STLC limit but below the TTLC. Perform TCLP on for analytical concentrations ≥ 20X the TCLP limit.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB17-2.0		12/3/24	0826	Soil	6 ER	1	5	/	X	X	X	X	X	
2	SB17-5.0			0840											
3	SB17-15.0			0850											
4	SB21-2.0			0905											
5	SB21-5.0			0915											
6	SB21-15.0			0930											
7	SB23-2.0			0950											
8	SB23-5.0			1000											
9	SB23-15.0			1010											
10	SB24-2.0			1025											

570-209335 Chain of Custody

Relinquished by: (Signature) Nilma Edward	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

2.0/2.7, 1:1/1:8 SC12

USCP

209335

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
same note as page 1.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB24-5.0		12/3	1035	Soil	6	1	5	/	X	X	X	X	X	
12	SB24-15.0			1050											
13	SB22-2.0			1105											
14	SB22-5.0			1115											
15	SB22-15.0			1130											
16	SB18-2.0			1225											
17	SB18-5.0			1235											
18	SB18-14.0			1245											
19	SB20-2.0			1255											
20	SB20-5.0			1300											

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1/1.8 SC12

209335

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
PERFORM STLC ANALYSES FOR ANALYTE CONCENTRATIONS GREATER THAN 10X THE STLC LIMIT BUT BELOW THE TTLC. PERFORM TCLP FOR ANALYTE CONCENTRATIONS GREATER THAN 20X THE TCLP LIMIT.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB20-15.0		12/3	1315	Soil	6	1	5	✓	X	X	X	X	✓	
22	SB19-2.0		"	1325	"	"	"	"		✓	X	X	X	X	
23	SB19-5.0			1335						X	X	X	X	X	
24	SB19-15.0			1350						X	X	X	X	X	
25	SB28-2.0			1445						X	X	X	X	X	
26	SB28-5.0			1455						X	X	X	X	X	
27	SB28-15.0			1510						X	X	X	X	X	
28	EB20241203			1530						X	X	X	X	X	
29	FB20241203									[illegible]	[illegible]	X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.1/1.8 SC12

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209335-1

Login Number: 209335

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/17/2024 11:56:52 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209335-2

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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12/17/2024 11:56:52 AM

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Definitions/Glossary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209335-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/3/2024 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8°C and 2.7°C.

Metals
Method 6010B - TCLP: Insufficient sample was provided to perform the leaching procedure with the required 100g for the following sample: SB18-2.0 (570-209335-16). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Method 6010B - TCLP: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-512737 and 570-513483 and analytical batch 570-513753 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Client Sample ID: SB17-2.0 — Lab Sample ID: 570-209335-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.06	F1 F2	0.100	0.0111	mg/L	1		6010B	TCLP
Barium	13.9		0.200	0.0222	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB21-2.0 — Lab Sample ID: 570-209335-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.09		0.100	0.0111	mg/L	1		6010B	TCLP
Barium	16.5		0.200	0.0222	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB22-2.0 — Lab Sample ID: 570-209335-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	2.05		0.100	0.0111	mg/L	1		6010B	TCLP
Barium	15.9		0.200	0.0222	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB18-2.0 — Lab Sample ID: 570-209335-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	1.84		0.100	0.0111	mg/L	1		6010B	TCLP
Barium	16.3		0.200	0.0222	mg/L	1		6010B	STLC Citrate

Client Sample ID: SB20-2.0 — Lab Sample ID: 570-209335-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00128	J	0.00250	0.000705	mg/L	1		7470A	STLC Citrate

Client Sample ID: SB19-2.0 — Lab Sample ID: 570-209335-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00129	J	0.00250	0.000705	mg/L	1		7470A	STLC Citrate

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) - TCLP

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.06	F1 F2	0.100	0.0111	mg/L		12/13/24 07:26	12/13/24 16:08	1

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.09		0.100	0.0111	mg/L		12/13/24 07:26	12/13/24 16:17	1

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.05		0.100	0.0111	mg/L		12/13/24 07:26	12/13/24 16:19	1

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.84		0.100	0.0111	mg/L		12/13/24 07:26	12/13/24 16:26	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SB17-2.0
Date Collected: 12/03/24 08:26
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	13.9		0.200	0.0222	mg/L		12/16/24 10:55	12/16/24 13:56	1

Client Sample ID: SB21-2.0
Date Collected: 12/03/24 09:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	16.5		0.200	0.0222	mg/L		12/16/24 10:55	12/16/24 13:58	1

Client Sample ID: SB22-2.0
Date Collected: 12/03/24 11:05
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	15.9		0.200	0.0222	mg/L		12/16/24 10:55	12/16/24 14:00	1

Client Sample ID: SB18-2.0
Date Collected: 12/03/24 12:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	16.3		0.200	0.0222	mg/L		12/16/24 10:55	12/16/24 14:14	1

Method: SW846 7470A - Mercury (CVAA) - STLC Citrate

Client Sample ID: SB20-2.0
Date Collected: 12/03/24 12:55
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00128	J	0.00250	0.000705	mg/L		12/16/24 08:15	12/16/24 16:51	1

Client Sample ID: SB19-2.0
Date Collected: 12/03/24 13:25
Date Received: 12/03/24 17:15
Lab Sample ID: 570-209335-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00129	J	0.00250	0.000705	mg/L		12/16/24 08:15	12/16/24 16:57	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-512737/1-B
Matrix: Solid
Analysis Batch: 513753

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 513483

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.100	0.0111	mg/L		12/13/24 07:26	12/13/24 15:59	1

Lab Sample ID: LCS 570-512737/2-B
Matrix: Solid
Analysis Batch: 513753

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 513483

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Barium			2.00	2.038		mg/L		102	80 - 120		

Lab Sample ID: LCSD 570-512737/3-B
Matrix: Solid
Analysis Batch: 513753

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 513483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium			2.00	2.119		mg/L		106	80 - 120	4	20

Lab Sample ID: 570-209335-1 MS
Matrix: Solid
Analysis Batch: 513753

Client Sample ID: SB17-2.0
Prep Type: TCLP
Prep Batch: 513483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Barium	2.06	F1 F2	2.00	3.719	F1	mg/L		83	87 - 123		

Lab Sample ID: 570-209335-1 MSD
Matrix: Solid
Analysis Batch: 513753

Client Sample ID: SB17-2.0
Prep Type: TCLP
Prep Batch: 513483

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	2.06	F1 F2	2.00	4.008	F2	mg/L		97	87 - 123	7	6

Lab Sample ID: LB4 570-512566/1-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.200	0.0222	mg/L		12/16/24 10:55	12/16/24 12:50	1

Lab Sample ID: LCS 570-512566/2-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Barium			20.0	18.68		mg/L		93	80 - 120		

Lab Sample ID: LCSD 570-512566/3-D
Matrix: Solid
Analysis Batch: 514571

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 514375

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium			20.0	18.52		mg/L		93	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB4 570-512566/1-B
Matrix: Solid
Analysis Batch: 514583

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 514278

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00250	0.000705	mg/L		12/16/24 08:15	12/16/24 16:39	1

Lab Sample ID: LCS 570-512566/2-B
Matrix: Solid
Analysis Batch: 514583

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 514278

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.0400	0.04224		mg/L		106	80 - 120		

Lab Sample ID: LCSD 570-512566/3-B
Matrix: Solid
Analysis Batch: 514583

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 514278

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.0400	0.04165		mg/L		104	80 - 120	1	10

Lab Sample ID: 570-209335-19 MS
Matrix: Solid
Analysis Batch: 514583

Client Sample ID: SB20-2.0
Prep Type: STLC Citrate
Prep Batch: 514278

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00128	J	0.0400	0.04212		mg/L		102	80 - 120		

Lab Sample ID: 570-209335-19 MSD
Matrix: Solid
Analysis Batch: 514583

Client Sample ID: SB20-2.0
Prep Type: STLC Citrate
Prep Batch: 514278

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00128	J	0.0400	0.04206		mg/L		102	80 - 120	0	20

Metals

Leach Batch: 512566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-4	SB21-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-13	SB22-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-16	SB18-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-19	SB20-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-22	SB19-2.0	STLC Citrate	Solid	CA WET Citrate	
LB4 570-512566/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-512566/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-512566/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	
570-209335-19 MS	SB20-2.0	STLC Citrate	Solid	CA WET Citrate	
570-209335-19 MSD	SB20-2.0	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 512737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	TCLP	Solid	1311	
570-209335-4	SB21-2.0	TCLP	Solid	1311	
570-209335-13	SB22-2.0	TCLP	Solid	1311	
570-209335-16	SB18-2.0	TCLP	Solid	1311	
LB 570-512737/1-B	Method Blank	TCLP	Solid	1311	
LCS 570-512737/2-B	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-512737/3-B	Lab Control Sample Dup	TCLP	Solid	1311	
570-209335-1 MS	SB17-2.0	TCLP	Solid	1311	
570-209335-1 MSD	SB17-2.0	TCLP	Solid	1311	

Prep Batch: 513483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	TCLP	Solid	3010A	512737
570-209335-4	SB21-2.0	TCLP	Solid	3010A	512737
570-209335-13	SB22-2.0	TCLP	Solid	3010A	512737
570-209335-16	SB18-2.0	TCLP	Solid	3010A	512737
LB 570-512737/1-B	Method Blank	TCLP	Solid	3010A	512737
LCS 570-512737/2-B	Lab Control Sample	TCLP	Solid	3010A	512737
LCSD 570-512737/3-B	Lab Control Sample Dup	TCLP	Solid	3010A	512737
570-209335-1 MS	SB17-2.0	TCLP	Solid	3010A	512737
570-209335-1 MSD	SB17-2.0	TCLP	Solid	3010A	512737

Analysis Batch: 513753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	TCLP	Solid	6010B	513483
570-209335-4	SB21-2.0	TCLP	Solid	6010B	513483
570-209335-13	SB22-2.0	TCLP	Solid	6010B	513483
570-209335-16	SB18-2.0	TCLP	Solid	6010B	513483
LB 570-512737/1-B	Method Blank	TCLP	Solid	6010B	513483
LCS 570-512737/2-B	Lab Control Sample	TCLP	Solid	6010B	513483
LCSD 570-512737/3-B	Lab Control Sample Dup	TCLP	Solid	6010B	513483
570-209335-1 MS	SB17-2.0	TCLP	Solid	6010B	513483
570-209335-1 MSD	SB17-2.0	TCLP	Solid	6010B	513483

Metals

Prep Batch: 514278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-19	SB20-2.0	STLC Citrate	Solid	7470A	512566
570-209335-22	SB19-2.0	STLC Citrate	Solid	7470A	512566
LB4 570-512566/1-B	Method Blank	STLC Citrate	Solid	7470A	512566
LCS 570-512566/2-B	Lab Control Sample	STLC Citrate	Solid	7470A	512566
LCSD 570-512566/3-B	Lab Control Sample Dup	STLC Citrate	Solid	7470A	512566
570-209335-19 MS	SB20-2.0	STLC Citrate	Solid	7470A	512566
570-209335-19 MSD	SB20-2.0	STLC Citrate	Solid	7470A	512566

Prep Batch: 514375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	STLC Citrate	Solid	Dilution	512566
570-209335-4	SB21-2.0	STLC Citrate	Solid	Dilution	512566
570-209335-13	SB22-2.0	STLC Citrate	Solid	Dilution	512566
570-209335-16	SB18-2.0	STLC Citrate	Solid	Dilution	512566
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	Dilution	512566
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	Dilution	512566
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	512566

Analysis Batch: 514571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-1	SB17-2.0	STLC Citrate	Solid	6010B	514375
570-209335-4	SB21-2.0	STLC Citrate	Solid	6010B	514375
570-209335-13	SB22-2.0	STLC Citrate	Solid	6010B	514375
570-209335-16	SB18-2.0	STLC Citrate	Solid	6010B	514375
LB4 570-512566/1-D	Method Blank	STLC Citrate	Solid	6010B	514375
LCS 570-512566/2-D	Lab Control Sample	STLC Citrate	Solid	6010B	514375
LCSD 570-512566/3-D	Lab Control Sample Dup	STLC Citrate	Solid	6010B	514375

Analysis Batch: 514583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209335-19	SB20-2.0	STLC Citrate	Solid	7470A	514278
570-209335-22	SB19-2.0	STLC Citrate	Solid	7470A	514278
LB4 570-512566/1-B	Method Blank	STLC Citrate	Solid	7470A	514278
LCS 570-512566/2-B	Lab Control Sample	STLC Citrate	Solid	7470A	514278
LCSD 570-512566/3-B	Lab Control Sample Dup	STLC Citrate	Solid	7470A	514278
570-209335-19 MS	SB20-2.0	STLC Citrate	Solid	7470A	514278
570-209335-19 MSD	SB20-2.0	STLC Citrate	Solid	7470A	514278

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Client Sample ID: SB17-2.0
Lab Sample ID: 570-209335-1
Date Collected: 12/03/24 08:26
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.13 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	514375	12/16/24 10:55	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			514571	12/16/24 13:56	VZ0K	EET CAL 4
	Instrument ID: ICP10									
TCLP	Leach	1311			100.15 g	2000 mL	512737	12/11/24 15:09	D2TZ	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	513483	12/13/24 07:26	D2TZ	EET CAL 4
TCLP	Analysis	6010B		1			513753	12/13/24 16:08	UFLE	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB21-2.0
Lab Sample ID: 570-209335-4
Date Collected: 12/03/24 09:05
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.13 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	514375	12/16/24 10:55	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			514571	12/16/24 13:58	VZ0K	EET CAL 4
	Instrument ID: ICP10									
TCLP	Leach	1311			100.00 g	2000 mL	512737	12/11/24 15:09	D2TZ	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	513483	12/13/24 07:26	D2TZ	EET CAL 4
TCLP	Analysis	6010B		1			513753	12/13/24 16:17	UFLE	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB22-2.0
Lab Sample ID: 570-209335-13
Date Collected: 12/03/24 11:05
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.16 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	514375	12/16/24 10:55	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			514571	12/16/24 14:00	VZ0K	EET CAL 4
	Instrument ID: ICP10									
TCLP	Leach	1311			100.20 g	2000 mL	512737	12/11/24 15:09	D2TZ	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	513483	12/13/24 07:26	D2TZ	EET CAL 4
TCLP	Analysis	6010B		1			513753	12/13/24 16:19	UFLE	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16
Date Collected: 12/03/24 12:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.04 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	Dilution			0.5 mL	10 mL	514375	12/16/24 10:55	VZ0K	EET CAL 4
STLC Citrate	Analysis	6010B		1			514571	12/16/24 14:14	VZ0K	EET CAL 4
	Instrument ID: ICP10									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Client Sample ID: SB18-2.0
Lab Sample ID: 570-209335-16
Date Collected: 12/03/24 12:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			87.25 g	1745 mL	512737	12/11/24 15:09	D2TZ	EET CAL 4
TCLP	Prep	3010A			5 mL	50 mL	513483	12/13/24 07:26	D2TZ	EET CAL 4
TCLP	Analysis	6010B		1			513753	12/13/24 16:26	UFLE	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB20-2.0
Lab Sample ID: 570-209335-19
Date Collected: 12/03/24 12:55
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.10 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	7470A			5 mL	50 mL	514278	12/16/24 08:15	RL6Q	EET CAL 4
STLC Citrate	Analysis	7470A		1			514583	12/16/24 16:51	RL6Q	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB19-2.0
Lab Sample ID: 570-209335-22
Date Collected: 12/03/24 13:25
Matrix: Solid
Date Received: 12/03/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.15 g	500 mL	512566	12/12/24 15:00	D2TZ	EET CAL 4
STLC Citrate	Prep	7470A			5 mL	50 mL	514278	12/16/24 08:15	RL6Q	EET CAL 4
STLC Citrate	Analysis	7470A		1			514583	12/16/24 16:57	RL6Q	EET CAL 4
	Instrument ID: HG8									

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
1311	TCLP Extraction	SW846	EET CAL 4
3010A	Preparation, Total Metals	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	EET CAL 4
Dilution	Preparation / Dilution Process	None	EET CAL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209335-2
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209335-1	SB17-2.0	Solid	12/03/24 08:26	12/03/24 17:15
570-209335-4	SB21-2.0	Solid	12/03/24 09:05	12/03/24 17:15
570-209335-13	SB22-2.0	Solid	12/03/24 11:05	12/03/24 17:15
570-209335-16	SB18-2.0	Solid	12/03/24 12:25	12/03/24 17:15
570-209335-19	SB20-2.0	Solid	12/03/24 12:55	12/03/24 17:15
570-209335-22	SB19-2.0	Solid	12/03/24 13:25	12/03/24 17:15

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Wednesday, December 11, 2024 12:36 PM
To: Vikas Patel; Cory Lavoie; Marco Ojeda; Megan Ritsema
Subject: RE: [External] Eurofins Calscience EDD and report files from 570-209335-1 700152701

Thank you for the lab reports Vik.

Can we get TCLP and STLC ran for barium on the following samples:
SB17-2.0
SB18-2.0
SB21-2.0
SB22-2.0

Can we also get the STLC ran for mercury on the following samples:
SB19-2.0
SB20-2.0

Thank you

Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100
File Sharing Link
www.langan.com

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OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON
ATHENS CALGARY DUBAI LONDON PANAMA



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Loc: 570
209335

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC analysis for analyte concentrations greater than 10X the STLC limit but below the TTLC. Perform TCLP on for analytical concentrations ≥ 20X the TCLP limit.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB17-2.0		12/3/24	0826	Soil	6	1	5	/	X	X	X	X	X	
2	SB17-5.0			0840											
3	SB17-15.0			0850											
4	SB21-2.0			0905											
5	SB21-5.0			0915											
6	SB21-15.0			0930											
7	SB23-2.0			0950											
8	SB23-5.0			1000											
9	SB23-15.0			1010											
10	SB24-2.0			1025											

570-209335 Chain of Custody

Relinquished by: (Signature) Nilma Edward	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

2.0/2.7, 1:1/1:8 SC12

USCP

209335

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 2 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
same note as page 1.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB24-5.0		12/3	1035	Soil	6	1	5	/	X	X	X	X	X	
12	SB24-15.0			1050											
13	SB22-2.0			1105											
14	SB22-5.0			1115											
15	SB22-15.0			1130											
16	SB18-2.0			1225											
17	SB18-5.0			1235											
18	SB18-14.0			1245											
19	SB20-2.0			1255											
20	SB20-5.0			1300											

Relinquished by: (Signature) NV	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1/1.8 SC12

209335

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CHAIN-OF-CUSTODY RECORD

DATE: 12/3/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY: 209335

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
PERFORM STLC ANALYSES FOR ANALYTE CONCENTRATIONS GREATER THAN 10X THE STLC LIMIT BUT BELOW THE TTLC. PERFORM TCLP FOR ANALYTE CONCENTRATIONS GREATER THAN 20X THE TCLP LIMIT.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB20-15.0		12/3	1315	Soil	6	1	5	✓	X	X	X	X	✓	
22	SB19-2.0		"	1325	"	"	"	"		✓	X	X	X	X	
23	SB19-5.0			1335						X	X	X	X	X	
24	SB19-15.0			1350						X	X	X	X	X	
25	SB28-2.0			1445						X	X	X	X	X	
26	SB28-5.0			1455						X	X	X	X	X	
27	SB28-15.0			1510						X	X	X	X	X	
28	EB20241203			1530						X	X	X	X	X	
29	FB20241203									[illegible]	[illegible]	X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12-3-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-3-24	Time: 17:15
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.1/1.8 SC12

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209335-2

Login Number: 209335
List Number: 1
Creator: Le, Sunny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/12/2024 4:25:32 PM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209623-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
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Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209623-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/4/2024 6:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8°C and 1.6°C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510778. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510544. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510605. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510793. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-510534. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-511619 recovered above the upper control limit for Hexachloro-1,3-butadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB-20241204 (570-209623-25) and (CCVIS 570-511619/2).

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, Acenaphthene, Acenaphthylene, Aniline, Azobenzene, Benzidine, Benzo[a]anthracene, Benzo[g,h,i]perylene, Benzoic acid, Bis(2-ethylhexyl) phthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate, Fluoranthene, Isophorone, N-Nitrosodi-n-propylamine, n-Nitrosodiphenylamine(as diphenylamine), Pentachlorophenol, Phenanthrene and Pyridine.

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analyte(s): Pyridine. Pyridine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512012 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB30-2.0 (570-209623-1), SB30-5.0 (570-209623-2), SB30-15.0 (570-209623-3), SB32-2.0 (570-209623-4), SB32-5.0 (570-209623-5), SB32-15.0 (570-209623-6), SB34-2.0 (570-209623-7) and (CCVIS 570-512012/2).

Method 8270C: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-510959 and analytical batch 570-512012 exceeded control limits for the following analyte(s): Benzidine, Note that this analyte is a known poor performer when analyzed using this method.

Method 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD) precision for preparation batch 570-510959 and analytical batch 570-512012 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512028 recovered above the upper control limit for Benzo[a]pyrene, Di-n-octyl phthalate and Fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB34-5.0 (570-209623-8), SB34-15.0 (570-209623-9), SB36-2.0 (570-209623-10), SB36-5.0 (570-209623-11), SB36-15.0 (570-209623-12), SB41-2.0 (570-209623-13), SB41-5.0 (570-209623-14), SB41-15.0 (570-209623-15), SB40-2.0 (570-209623-16), SB40-5.0 (570-209623-17) and (CCVIS 570-512028/2).

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510973 and analytical batch 570-512551 recovered outside control limits for the following analytes: Benzidine.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-510973 and analytical batch 570-512551 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-510973 and analytical batch 570-512551 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512551 recovered above the upper control limit for 2,4,6-Trichlorophenol and Benzo[a]pyrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB40-15.0 (570-209623-18), SB43-2.0 (570-209623-19), SB43-5.0 (570-209623-20), SB43-15.0 (570-209623-21), SB38-2.0 (570-209623-22), SB38-5.0 (570-209623-23) and SB38-15.0 (570-209623-24).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container(s): EB-20241204 (570-209623-25).

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511367. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511402. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512124. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-510644. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_DRO: The method blank for preparation batch 570-510644 and analytical batch 570-511161 contained C23-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 7471A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510872 and analytical batch 570-511118 recovered outside control limits for the following analytes: Mercury.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209623-1

Client Sample ID: SB30-2.0 — Lab Sample ID: 570-209623-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.023	0.011	mg/Kg	1	☼	8260B	Total/NA
C13-C22	12		5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
C23-C40	28		5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	5.72		3.15	2.04	mg/Kg	2	☼	6010B	Total/NA
Barium	97.9		2.10	0.310	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.609		0.420	0.0988	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.9		1.05	0.558	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.12		2.10	0.448	mg/Kg	2	☼	6010B	Total/NA
Copper	13.3		2.10	0.598	mg/Kg	2	☼	6010B	Total/NA
Lead	6.56		2.10	1.39	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.6		2.10	1.19	mg/Kg	2	☼	6010B	Total/NA
Vanadium	43.9		4.20	0.920	mg/Kg	2	☼	6010B	Total/NA
Zinc	49.0		4.20	1.71	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB30-5.0 — Lab Sample ID: 570-209623-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.037		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.061	J	0.12	0.052	mg/Kg	1	☼	8015B	Total/NA
C13-C22	16		5.7	5.2	mg/Kg	1	☼	8015B	Total/NA
C23-C40	31		5.7	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.43		3.25	2.10	mg/Kg	2	☼	6010B	Total/NA
Barium	133		2.17	0.319	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.888		0.433	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.8		1.08	0.575	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.1		2.17	0.461	mg/Kg	2	☼	6010B	Total/NA
Copper	18.0		2.17	0.616	mg/Kg	2	☼	6010B	Total/NA
Lead	7.73		2.17	1.43	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.2		2.17	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	51.8		4.33	0.948	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.0		4.33	1.77	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB30-15.0 — Lab Sample ID: 570-209623-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.065		0.039	0.019	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.97		3.29	2.13	mg/Kg	2	☼	6010B	Total/NA
Barium	111		2.19	0.323	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.723		0.438	0.103	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.197	J	0.438	0.168	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.4		1.10	0.581	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.52		2.19	0.466	mg/Kg	2	☼	6010B	Total/NA
Copper	21.4		2.19	0.623	mg/Kg	2	☼	6010B	Total/NA
Lead	7.62		2.19	1.45	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.6		2.19	1.24	mg/Kg	2	☼	6010B	Total/NA
Vanadium	48.6		4.38	0.959	mg/Kg	2	☼	6010B	Total/NA
Zinc	61.4		4.38	1.79	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB32-2.0 — Lab Sample ID: 570-209623-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.053		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB32-2.0 (Continued)
Lab Sample ID: 570-209623-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	0.00035	J	0.0010	0.00034	mg/Kg	1	☼	8260B	Total/NA
C13-C22	5.5	J	5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
C23-C40	22		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	5.30		3.53	2.29	mg/Kg	2	☼	6010B	Total/NA
Barium	104		2.36	0.347	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.754		0.471	0.111	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.8		1.18	0.625	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.47		2.36	0.502	mg/Kg	2	☼	6010B	Total/NA
Copper	14.6		2.36	0.670	mg/Kg	2	☼	6010B	Total/NA
Lead	7.63		2.36	1.56	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.4		2.36	1.34	mg/Kg	2	☼	6010B	Total/NA
Vanadium	48.5		4.71	1.03	mg/Kg	2	☼	6010B	Total/NA
Zinc	52.7		4.71	1.92	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB32-5.0
Lab Sample ID: 570-209623-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0079	J	0.025	0.0057	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.065		0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
C23-C40	13		5.5	5.1	mg/Kg	1	☼	8015B	Total/NA
Arsenic	8.81		3.45	2.23	mg/Kg	2	☼	6010B	Total/NA
Barium	78.8		2.30	0.339	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.920		0.460	0.108	mg/Kg	2	☼	6010B	Total/NA
Chromium	30.5		1.15	0.611	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.1		2.30	0.490	mg/Kg	2	☼	6010B	Total/NA
Copper	19.1		2.30	0.654	mg/Kg	2	☼	6010B	Total/NA
Lead	8.51		2.30	1.52	mg/Kg	2	☼	6010B	Total/NA
Nickel	22.1		2.30	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	56.6		4.60	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	66.0		4.60	1.88	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.219	*1	0.0898	0.0248	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB32-15.0
Lab Sample ID: 570-209623-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Barium	86.7		2.28	0.337	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.571		0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.0		1.14	0.606	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.06		2.28	0.486	mg/Kg	2	☼	6010B	Total/NA
Copper	14.4		2.28	0.649	mg/Kg	2	☼	6010B	Total/NA
Lead	6.34		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.0		2.28	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	44.9		4.56	1.00	mg/Kg	2	☼	6010B	Total/NA
Zinc	55.0		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB34-2.0
Lab Sample ID: 570-209623-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.039		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.59		3.22	2.08	mg/Kg	2	☼	6010B	Total/NA
Barium	103		2.14	0.316	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB34-2.0 (Continued)
Lab Sample ID: 570-209623-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.622		0.429	0.101	mg/Kg	2	☼	6010B	Total/NA
Chromium	24.0		1.07	0.569	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.97		2.14	0.457	mg/Kg	2	☼	6010B	Total/NA
Copper	15.1		2.14	0.610	mg/Kg	2	☼	6010B	Total/NA
Lead	6.95		2.14	1.42	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.6		2.14	1.22	mg/Kg	2	☼	6010B	Total/NA
Vanadium	45.8		4.29	0.939	mg/Kg	2	☼	6010B	Total/NA
Zinc	43.5		4.29	1.75	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.163	*1	0.0906	0.0250	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB34-5.0
Lab Sample ID: 570-209623-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024	J	0.027	0.013	mg/Kg	1	☼	8260B	Total/NA
Arsenic	6.74		3.38	2.19	mg/Kg	2	☼	6010B	Total/NA
Barium	72.8		2.26	0.333	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.970		0.451	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	29.2		1.13	0.599	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.54		2.26	0.480	mg/Kg	2	☼	6010B	Total/NA
Copper	17.1		2.26	0.642	mg/Kg	2	☼	6010B	Total/NA
Lead	8.61		2.26	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	19.2		2.26	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	56.5		4.51	0.988	mg/Kg	2	☼	6010B	Total/NA
Zinc	59.4		4.51	1.84	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0347	J *1	0.0920	0.0254	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB34-15.0
Lab Sample ID: 570-209623-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.19		3.63	2.35	mg/Kg	2	☼	6010B	Total/NA
Barium	103		2.42	0.357	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.799		0.484	0.114	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.218	J	0.484	0.185	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.1		1.21	0.643	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.9		2.42	0.516	mg/Kg	2	☼	6010B	Total/NA
Copper	22.1		2.42	0.689	mg/Kg	2	☼	6010B	Total/NA
Lead	8.45		2.42	1.60	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.7		2.42	1.38	mg/Kg	2	☼	6010B	Total/NA
Vanadium	51.2		4.84	1.06	mg/Kg	2	☼	6010B	Total/NA
Zinc	72.1		4.84	1.98	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB36-2.0
Lab Sample ID: 570-209623-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.037		0.020	0.0098	mg/Kg	1	☼	8260B	Total/NA
C23-C40	6.2		5.7	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.97	J	3.46	2.24	mg/Kg	2	☼	6010B	Total/NA
Barium	70.3		2.31	0.340	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.484		0.461	0.108	mg/Kg	2	☼	6010B	Total/NA
Chromium	19.3		1.15	0.612	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.33		2.31	0.491	mg/Kg	2	☼	6010B	Total/NA
Copper	13.5		2.31	0.656	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB36-2.0 (Continued) — Lab Sample ID: 570-209623-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.83		2.31	1.53	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.3		2.31	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	36.7		4.61	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	37.8		4.61	1.88	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB36-5.0 — Lab Sample ID: 570-209623-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.042		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0094	J	0.024	0.0083	mg/Kg	1	☼	8260B	Total/NA
Arsenic	6.80		3.31	2.14	mg/Kg	2	☼	6010B	Total/NA
Barium	86.1		2.21	0.326	mg/Kg	2	☼	6010B	Total/NA
Beryllium	1.02		0.442	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	30.2		1.10	0.586	mg/Kg	2	☼	6010B	Total/NA
Cobalt	13.5		2.21	0.470	mg/Kg	2	☼	6010B	Total/NA
Copper	18.4		2.21	0.628	mg/Kg	2	☼	6010B	Total/NA
Lead	9.49		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.6		2.21	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	59.0		4.42	0.967	mg/Kg	2	☼	6010B	Total/NA
Zinc	64.5		4.42	1.80	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0351	J *1	0.0906	0.0250	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB36-15.0 — Lab Sample ID: 570-209623-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023	J	0.028	0.014	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.0015		0.0014	0.00036	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00074	J	0.0014	0.00038	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.67		3.98	2.57	mg/Kg	2	☼	6010B	Total/NA
Barium	95.3		2.65	0.391	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.663		0.530	0.125	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.8		1.33	0.704	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.94		2.65	0.565	mg/Kg	2	☼	6010B	Total/NA
Copper	16.8		2.65	0.754	mg/Kg	2	☼	6010B	Total/NA
Lead	6.87		2.65	1.75	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.4		2.65	1.51	mg/Kg	2	☼	6010B	Total/NA
Vanadium	44.5		5.30	1.16	mg/Kg	2	☼	6010B	Total/NA
Zinc	59.0		5.30	2.16	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB41-2.0 — Lab Sample ID: 570-209623-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0058	J	0.022	0.0049	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.060		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
C23-C40	27		5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.06		3.08	1.99	mg/Kg	2	☼	6010B	Total/NA
Barium	65.3		2.05	0.303	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.451		0.410	0.0964	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.5		1.03	0.545	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.0		2.05	0.437	mg/Kg	2	☼	6010B	Total/NA
Copper	9.89		2.05	0.584	mg/Kg	2	☼	6010B	Total/NA
Lead	5.31		2.05	1.36	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB41-2.0 (Continued) — Lab Sample ID: 570-209623-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	9.15		2.05	1.17	mg/Kg	2	☼	6010B	Total/NA
Vanadium	33.1		4.10	0.899	mg/Kg	2	☼	6010B	Total/NA
Zinc	34.3		4.10	1.67	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB41-5.0 — Lab Sample ID: 570-209623-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.013	J	0.024	0.0055	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.094		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
Arsenic	5.20		3.82	2.47	mg/Kg	2	☼	6010B	Total/NA
Barium	84.1		2.55	0.376	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.688		0.510	0.120	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.5		1.27	0.677	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.5		2.55	0.543	mg/Kg	2	☼	6010B	Total/NA
Copper	12.3		2.55	0.725	mg/Kg	2	☼	6010B	Total/NA
Lead	6.30		2.55	1.69	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.5		2.55	1.45	mg/Kg	2	☼	6010B	Total/NA
Selenium	2.45	J	3.82	2.00	mg/Kg	2	☼	6010B	Total/NA
Vanadium	42.5		5.10	1.12	mg/Kg	2	☼	6010B	Total/NA
Zinc	47.2		5.10	2.08	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0569	J *1	0.0966	0.0267	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB41-15.0 — Lab Sample ID: 570-209623-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012	J	0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00053	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
Arsenic	11.2		3.61	2.34	mg/Kg	2	☼	6010B	Total/NA
Barium	84.6		2.41	0.355	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.939		0.482	0.113	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.1		1.20	0.639	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.4		2.41	0.513	mg/Kg	2	☼	6010B	Total/NA
Copper	26.2		2.41	0.685	mg/Kg	2	☼	6010B	Total/NA
Lead	10.3		2.41	1.59	mg/Kg	2	☼	6010B	Total/NA
Nickel	22.9		2.41	1.37	mg/Kg	2	☼	6010B	Total/NA
Vanadium	51.5		4.82	1.05	mg/Kg	2	☼	6010B	Total/NA
Zinc	80.8		4.82	1.97	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0614	J *1	0.0997	0.0275	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB40-2.0 — Lab Sample ID: 570-209623-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0088	J	0.020	0.0045	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.095		0.020	0.0098	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0087	J	0.020	0.0069	mg/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	0.00062	J	0.00099	0.00022	mg/Kg	1	☼	8260B	Total/NA
C23-C40	16		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.79		3.24	2.09	mg/Kg	2	☼	6010B	Total/NA
Barium	97.0		2.16	0.318	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.539		0.432	0.101	mg/Kg	2	☼	6010B	Total/NA
Chromium	19.1		1.08	0.573	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.36		2.16	0.460	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB40-2.0 (Continued) — Lab Sample ID: 570-209623-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	11.1		2.16	0.614	mg/Kg	2	☼	6010B	Total/NA
Lead	5.78		2.16	1.43	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.8		2.16	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	36.0		4.32	0.945	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.7		4.32	1.76	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0499	J *1	0.0975	0.0269	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB40-5.0 — Lab Sample ID: 570-209623-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0069	J	0.020	0.0045	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.059		0.020	0.0097	mg/Kg	1	☼	8260B	Total/NA
Arsenic	3.73		3.43	2.22	mg/Kg	2	☼	6010B	Total/NA
Barium	99.4		2.29	0.338	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.481		0.458	0.108	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.0		1.14	0.608	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.11		2.29	0.487	mg/Kg	2	☼	6010B	Total/NA
Copper	9.68		2.29	0.651	mg/Kg	2	☼	6010B	Total/NA
Lead	4.62		2.29	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.4		2.29	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	32.3		4.58	1.00	mg/Kg	2	☼	6010B	Total/NA
Zinc	37.1		4.58	1.87	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0569	J *1	0.0960	0.0265	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB40-15.0 — Lab Sample ID: 570-209623-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014	J	0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
Arsenic	8.70		3.44	2.23	mg/Kg	2	☼	6010B	Total/NA
Barium	132		2.30	0.339	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.666		0.459	0.108	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.7		1.15	0.610	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.1		2.30	0.489	mg/Kg	2	☼	6010B	Total/NA
Copper	15.6		2.30	0.653	mg/Kg	2	☼	6010B	Total/NA
Lead	8.66		2.30	1.52	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.9		2.30	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	45.3		4.59	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	62.6		4.59	1.87	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0649	J *1	0.0899	0.0248	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB43-2.0 — Lab Sample ID: 570-209623-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0064	J	0.026	0.0059	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.074		0.026	0.013	mg/Kg	1	☼	8260B	Total/NA
C13-C22	17		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
C23-C40	76		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.21	J	3.42	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	47.0		2.28	0.337	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.365	J	0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.6		1.14	0.606	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.58		2.28	0.486	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB43-2.0 (Continued)
Lab Sample ID: 570-209623-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	12.1		2.28	0.649	mg/Kg	2	☼	6010B	Total/NA
Lead	5.66		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	7.26		2.28	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	28.0		4.56	0.999	mg/Kg	2	☼	6010B	Total/NA
Zinc	183		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0388	J *1	0.0937	0.0259	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB43-5.0
Lab Sample ID: 570-209623-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024		0.020	0.0099	mg/Kg	1	☼	8260B	Total/NA
Arsenic	3.11	J	3.24	2.10	mg/Kg	2	☼	6010B	Total/NA
Barium	70.0		2.16	0.319	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.497		0.432	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.0		1.08	0.574	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.86		2.16	0.460	mg/Kg	2	☼	6010B	Total/NA
Copper	9.23		2.16	0.615	mg/Kg	2	☼	6010B	Total/NA
Lead	5.47		2.16	1.43	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.9		2.16	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	33.9		4.32	0.947	mg/Kg	2	☼	6010B	Total/NA
Zinc	37.1		4.32	1.76	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0464	J *1	0.0868	0.0240	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB43-15.0
Lab Sample ID: 570-209623-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018	J	0.023	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00059	J	0.0011	0.00029	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.87		3.19	2.06	mg/Kg	2	☼	6010B	Total/NA
Barium	32.6		2.13	0.314	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.277	J	0.426	0.100	mg/Kg	2	☼	6010B	Total/NA
Chromium	11.3		1.06	0.565	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.15		2.13	0.453	mg/Kg	2	☼	6010B	Total/NA
Copper	6.47		2.13	0.605	mg/Kg	2	☼	6010B	Total/NA
Lead	3.32		2.13	1.41	mg/Kg	2	☼	6010B	Total/NA
Nickel	7.68		2.13	1.21	mg/Kg	2	☼	6010B	Total/NA
Selenium	1.70	J	3.19	1.67	mg/Kg	2	☼	6010B	Total/NA
Vanadium	28.5		4.26	0.932	mg/Kg	2	☼	6010B	Total/NA
Zinc	25.8		4.26	1.74	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB38-2.0
Lab Sample ID: 570-209623-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0065	J	0.024	0.0054	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.074		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
C23-C40	23		5.4	4.9	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.11	J	3.31	2.14	mg/Kg	2	☼	6010B	Total/NA
Barium	87.1		2.21	0.326	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.419	J	0.441	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.4		1.10	0.586	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.72		2.21	0.470	mg/Kg	2	☼	6010B	Total/NA
Copper	8.50		2.21	0.628	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB38-2.0 (Continued)
Lab Sample ID: 570-209623-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.07		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	8.98		2.21	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	30.4		4.41	0.967	mg/Kg	2	☼	6010B	Total/NA
Zinc	31.5		4.41	1.80	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB38-5.0
Lab Sample ID: 570-209623-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.019	0.0095	mg/Kg	1	☼	8260B	Total/NA
Arsenic	2.63	J	3.16	2.05	mg/Kg	2	☼	6010B	Total/NA
Barium	47.1		2.11	0.311	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.443		0.422	0.0991	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.7		1.05	0.560	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.18		2.11	0.449	mg/Kg	2	☼	6010B	Total/NA
Copper	9.23		2.11	0.600	mg/Kg	2	☼	6010B	Total/NA
Lead	4.51		2.11	1.39	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.32		2.11	1.20	mg/Kg	2	☼	6010B	Total/NA
Vanadium	32.2		4.22	0.923	mg/Kg	2	☼	6010B	Total/NA
Zinc	32.0		4.22	1.72	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0256	J	0.0869	0.0240	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB38-15.0
Lab Sample ID: 570-209623-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00057	J	0.0011	0.00029	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00031	J	0.0011	0.00030	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0028		0.0022	0.00043	mg/Kg	1	☼	8260B	Total/NA
Arsenic	11.3		3.35	2.16	mg/Kg	2	☼	6010B	Total/NA
Barium	90.7		2.23	0.329	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.714		0.446	0.105	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.6		1.12	0.592	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.6		2.23	0.475	mg/Kg	2	☼	6010B	Total/NA
Copper	16.8		2.23	0.635	mg/Kg	2	☼	6010B	Total/NA
Lead	8.88		2.23	1.48	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.2		2.23	1.27	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.1		4.46	0.977	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.6		4.46	1.82	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: EB-20241204
Lab Sample ID: 570-209623-25

No Detections.

Client Sample ID: TB-20241204-1
Lab Sample ID: 570-209623-26

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1,2-Trichloroethane	ND		0.0011	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2,3-Trichloropropane	ND		0.0023	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0038	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,3-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
2,2-Dichloropropane	ND		0.0057	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
2-Butanone (MEK)	ND		0.023	0.0051	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
2-Chlorotoluene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
2-Hexanone	ND		0.023	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Acetone	**0.028**		0.023	0.011	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Benzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Bromobenzene	ND		0.0011	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Bromochloromethane	ND		0.0023	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Bromoform	ND		0.0057	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Bromomethane	ND		0.023	0.0075	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
cis-1,3-Dichloropropene	ND		0.0011	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Chloroethane	ND		0.0023	0.00084	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Chloroform	ND		0.0011	0.00067	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Chloromethane	ND		0.023	0.0017	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Dibromomethane	ND		0.0011	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Dichlorodifluoromethane	ND		0.0023	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Naphthalene	ND		0.011	0.0045	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
N-Propylbenzene	ND		0.0023	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
m,p-Xylene	ND		0.0023	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
trans-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0079	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Toluene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1
Xylenes, Total	ND		0.0023	0.00068	mg/Kg	☼	12/05/24 17:00	12/06/24 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 179*	*12/05/24 17:00*	*12/06/24 00:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:06*	*1*
Dibromofluoromethane (Surr)	*101*		*58 - 147*	*12/05/24 17:00*	*12/06/24 00:06*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:06*	*1*

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
2-Butanone (MEK)	ND		0.021	0.0046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Acetone	**0.037**		0.021	0.010	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Bromoform	ND		0.0051	0.0014	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Bromomethane	ND		0.021	0.0068	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Chloroethane	ND		0.0021	0.00077	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Chloroform	ND		0.0010	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Ethanol	ND		0.26	0.095	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1
Xylenes, Total	ND		0.0021	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*32 - 179*	*12/05/24 17:00*	*12/06/24 00:27*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:27*	*1*
Dibromofluoromethane (Surr)	*105*		*58 - 147*	*12/05/24 17:00*	*12/06/24 00:27*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:27*	*1*

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0020	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1,1-Trichloroethane	ND		0.0020	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1,2,2-Tetrachloroethane	ND		0.0039	0.0011	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.020	0.00090	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1,2-Trichloroethane	ND		0.0020	0.00091	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1-Dichloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1-Dichloroethene	ND		0.0020	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,1-Dichloropropene	ND		0.0039	0.00076	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2,3-Trichlorobenzene	ND		0.0039	0.00073	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2,3-Trichloropropane	ND		0.0039	0.00082	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2,4-Trichlorobenzene	ND		0.0039	0.00080	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2,4-Trimethylbenzene	ND		0.0039	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2-Dibromo-3-Chloropropane	ND		0.020	0.0065	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2-Dibromoethane	ND		0.0020	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2-Dichlorobenzene	ND		0.0020	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2-Dichloroethane	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,2-Dichloropropane	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,3,5-Trimethylbenzene	ND		0.0039	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,3-Dichlorobenzene	ND		0.0020	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,3-Dichloropropane	ND		0.0020	0.00058	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
1,4-Dichlorobenzene	ND		0.0020	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
2,2-Dichloropropane	ND		0.0098	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
2-Butanone (MEK)	ND		0.039	0.0088	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
2-Chlorotoluene	ND		0.0020	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
2-Hexanone	ND		0.039	0.0060	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
4-Chlorotoluene	ND		0.0020	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.039	0.0057	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Acetone	**0.065**		0.039	0.019	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Benzene	ND		0.0020	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Bromobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Bromochloromethane	ND		0.0039	0.00087	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Bromodichloromethane	ND		0.0020	0.00063	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0098	0.0026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Bromomethane	ND		0.039	0.013	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
cis-1,2-Dichloroethene	ND		0.0020	0.00066	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
cis-1,3-Dichloropropene	ND		0.0020	0.00068	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Carbon disulfide	ND		0.020	0.00078	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Carbon tetrachloride	ND		0.0020	0.00058	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Chlorobenzene	ND		0.0020	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Chloroethane	ND		0.0039	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Chloroform	ND		0.0020	0.0012	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Chloromethane	ND		0.039	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Dibromochloromethane	ND		0.0039	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Dibromomethane	ND		0.0020	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Dichlorodifluoromethane	ND		0.0039	0.00089	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Di-isopropyl ether (DIPE)	ND		0.0020	0.00098	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Ethanol	ND		0.49	0.18	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Ethylbenzene	ND		0.0020	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.0020	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Isopropylbenzene	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Methylene Chloride	ND		0.020	0.0061	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0039	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Naphthalene	ND		0.020	0.0077	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
n-Butylbenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
N-Propylbenzene	ND		0.0039	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
o-Xylene	ND		0.0020	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
m,p-Xylene	ND		0.0039	0.00093	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
p-Isopropyltoluene	ND		0.0020	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
sec-Butylbenzene	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Styrene	ND		0.0020	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
trans-1,2-Dichloroethene	ND		0.0020	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
trans-1,3-Dichloropropene	ND		0.0039	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Tert-amyl-methyl ether (TAME)	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
tert-Butyl alcohol (TBA)	ND		0.039	0.014	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
tert-Butylbenzene	ND		0.0020	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Tetrachloroethene	ND		0.0020	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Toluene	ND		0.0020	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Trichloroethene	ND		0.0039	0.00075	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Trichlorofluoromethane	ND		0.020	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Vinyl acetate	ND		0.020	0.0076	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Vinyl chloride	ND		0.0020	0.00074	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1
Xylenes, Total	ND		0.0039	0.0012	mg/Kg	☼	12/05/24 17:00	12/06/24 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*32 - 179*	*12/05/24 17:00*	*12/06/24 00:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:48*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/05/24 17:00*	*12/06/24 00:48*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:48*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1,2-Trichloroethane	ND		0.0010	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1-Dichloroethene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2-Dibromoethane	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Acetone	**0.053**		0.021	0.010	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Bromodichloromethane	**0.00035**	**J**	0.0010	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Carbon disulfide	ND		0.010	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Chloroform	ND		0.0010	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Ethanol	ND		0.26	0.096	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Ethylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Methylene Chloride	ND		0.010	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Naphthalene	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
o-Xylene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
sec-Butylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
tert-Butylbenzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Trichlorofluoromethane	ND		0.010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Vinyl chloride	ND		0.0010	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/05/24 17:00	12/06/24 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/05/24 17:00*	*12/06/24 01:08*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:08*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/05/24 17:00*	*12/06/24 01:08*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:08*	*1*

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1,1-Trichloroethane	ND		0.0013	0.00029	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00068	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00058	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1,2-Trichloroethane	ND		0.0013	0.00058	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1-Dichloroethene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00047	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2,3-Trichloropropane	ND		0.0025	0.00053	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00052	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0042	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2-Dichlorobenzene	ND		0.0013	0.00031	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,3-Dichloropropane	ND		0.0013	0.00037	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
1,4-Dichlorobenzene	ND		0.0013	0.00039	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
2,2-Dichloropropane	ND		0.0063	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
2-Butanone (MEK)	**0.0079**	**J**	0.025	0.0057	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
2-Hexanone	ND		0.025	0.0039	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
4-Chlorotoluene	ND		0.0013	0.00030	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0037	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Acetone	**0.065**		0.025	0.012	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Benzene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Bromobenzene	ND		0.0013	0.00026	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Bromochloromethane	ND		0.0025	0.00056	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Bromodichloromethane	ND		0.0013	0.00041	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Bromoform	ND		0.0063	0.0017	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Bromomethane	ND		0.025	0.0083	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
cis-1,2-Dichloroethene	ND		0.0013	0.00042	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
cis-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Carbon disulfide	ND		0.013	0.00050	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Carbon tetrachloride	ND		0.0013	0.00038	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Chlorobenzene	ND		0.0013	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Chloroethane	ND		0.0025	0.00093	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Chloroform	ND		0.0013	0.00074	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Dibromomethane	ND		0.0013	0.00038	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00063	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Ethanol	ND		0.31	0.12	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Ethylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Isopropylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Methylene Chloride	ND		0.013	0.0039	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00024	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Naphthalene	ND		0.013	0.0049	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
n-Butylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
N-Propylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
o-Xylene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
m,p-Xylene	ND		0.0025	0.00059	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
p-Isopropyltoluene	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
sec-Butylbenzene	ND		0.0013	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Styrene	ND		0.0013	0.00040	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
trans-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00024	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0088	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Toluene	ND		0.0013	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Trichloroethene	ND		0.0025	0.00049	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Trichlorofluoromethane	ND		0.013	0.00034	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Vinyl acetate	ND		0.013	0.0049	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Vinyl chloride	ND		0.0013	0.00048	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1
Xylenes, Total	ND		0.0025	0.00075	mg/Kg	☼	12/05/24 17:00	12/05/24 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/05/24 17:00*	*12/05/24 23:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/05/24 23:58*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/05/24 17:00*	*12/05/24 23:58*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/05/24 23:58*	*1*

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1-Dichloroethene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Acetone	**0.024**		0.021	0.010	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Bromodichloromethane	ND		0.0010	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Bromomethane	ND		0.021	0.0068	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Chloroethane	ND		0.0021	0.00077	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Chloroform	ND		0.0010	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Ethanol	ND		0.26	0.096	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Isopropylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Naphthalene	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1
Xylenes, Total	ND		0.0021	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*32 - 179*	*12/05/24 17:00*	*12/06/24 00:21*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:21*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/05/24 17:00*	*12/06/24 00:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:21*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1-Dichloroethene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Acetone	**0.039**		0.021	0.010	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Bromodichloromethane	ND		0.0010	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Bromomethane	ND		0.021	0.0068	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Carbon disulfide	ND		0.010	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Chloroethane	ND		0.0021	0.00077	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Chloroform	ND		0.0010	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Ethanol	ND		0.26	0.096	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Naphthalene	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1
Xylenes, Total	ND		0.0021	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*32 - 179*	*12/05/24 17:00*	*12/06/24 00:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:43*	*1*
Dibromofluoromethane (Surr)	*105*		*58 - 147*	*12/05/24 17:00*	*12/06/24 00:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 00:43*	*1*

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1,1-Trichloroethane	ND		0.0014	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1,2,2-Tetrachloroethane	ND		0.0027	0.00073	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.014	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1,2-Trichloroethane	ND		0.0014	0.00063	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1-Dichloroethane	ND		0.0014	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1-Dichloroethene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,1-Dichloropropene	ND		0.0027	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2,3-Trichlorobenzene	ND		0.0027	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2,3-Trichloropropane	ND		0.0027	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2,4-Trichlorobenzene	ND		0.0027	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2,4-Trimethylbenzene	ND		0.0027	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2-Dibromo-3-Chloropropane	ND		0.014	0.0045	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2-Dibromoethane	ND		0.0014	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2-Dichlorobenzene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,2-Dichloroethane	ND		0.0014	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0014	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,3,5-Trimethylbenzene	ND		0.0027	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,3-Dichlorobenzene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,3-Dichloropropane	ND		0.0014	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
1,4-Dichlorobenzene	ND		0.0014	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
2,2-Dichloropropane	ND		0.0068	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
2-Butanone (MEK)	ND		0.027	0.0061	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
2-Chlorotoluene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
2-Hexanone	ND		0.027	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
4-Chlorotoluene	ND		0.0014	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
4-Methyl-2-pentanone (MIBK)	ND		0.027	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Acetone	**0.024**	**J**	0.027	0.013	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Benzene	ND		0.0014	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Bromobenzene	ND		0.0014	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Bromochloromethane	ND		0.0027	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Bromodichloromethane	ND		0.0014	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Bromoform	ND		0.0068	0.0018	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Bromomethane	ND		0.027	0.0089	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
cis-1,2-Dichloroethene	ND		0.0014	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
cis-1,3-Dichloropropene	ND		0.0014	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Carbon disulfide	ND		0.014	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Carbon tetrachloride	ND		0.0014	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Chlorobenzene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Chloroethane	ND		0.0027	0.0010	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Chloroform	ND		0.0014	0.00080	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Chloromethane	ND		0.027	0.0021	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Dibromochloromethane	ND		0.0027	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Dibromomethane	ND		0.0014	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Dichlorodifluoromethane	ND		0.0027	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Di-isopropyl ether (DIPE)	ND		0.0014	0.00068	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Ethanol	ND		0.34	0.12	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Ethylbenzene	ND		0.0014	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.0014	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Isopropylbenzene	ND		0.0014	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Methylene Chloride	ND		0.014	0.0042	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0027	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Naphthalene	ND		0.014	0.0053	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
n-Butylbenzene	ND		0.0014	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
N-Propylbenzene	ND		0.0027	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
o-Xylene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
m,p-Xylene	ND		0.0027	0.00064	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
p-Isopropyltoluene	ND		0.0014	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
sec-Butylbenzene	ND		0.0014	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Styrene	ND		0.0014	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
trans-1,2-Dichloroethene	ND		0.0014	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
trans-1,3-Dichloropropene	ND		0.0027	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Tert-amyl-methyl ether (TAME)	ND		0.0014	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
tert-Butyl alcohol (TBA)	ND		0.027	0.0094	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
tert-Butylbenzene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0014	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Toluene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Trichloroethene	ND		0.0027	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Trichlorofluoromethane	ND		0.014	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Vinyl acetate	ND		0.014	0.0053	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Vinyl chloride	ND		0.0014	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1
Xylenes, Total	ND		0.0027	0.00081	mg/Kg	☼	12/05/24 17:00	12/06/24 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*12/05/24 17:00*	*12/06/24 01:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:05*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/05/24 17:00*	*12/06/24 01:05*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:05*	*1*

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
2-Butanone (MEK)	ND		0.022	0.0050	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
2-Hexanone	ND		0.022	0.0034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Acetone	ND		0.022	0.011	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Benzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Bromodichloromethane	ND		0.0011	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Bromomethane	ND		0.022	0.0073	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Chloroethane	ND		0.0022	0.00082	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Chloroform	ND		0.0011	0.00065	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
N-Propylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Styrene	ND		0.0011	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1
Xylenes, Total	ND		0.0022	0.00067	mg/Kg	☼	12/05/24 17:00	12/06/24 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*32 - 179*	*12/05/24 17:00*	*12/06/24 01:27*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:27*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/05/24 17:00*	*12/06/24 01:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:27*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1,1-Trichloroethane	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1,2-Trichloroethane	ND		0.00099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1-Dichloroethane	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1-Dichloroethene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2-Dibromo-3-Chloropropane	ND		0.0099	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2-Dibromoethane	ND		0.00099	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2-Dichloroethane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,2-Dichloropropane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,3-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,3-Dichloropropane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
1,4-Dichlorobenzene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
2-Chlorotoluene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
4-Chlorotoluene	ND		0.00099	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Acetone	**0.037**		0.020	0.0098	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Benzene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Bromobenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Bromodichloromethane	ND		0.00099	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
cis-1,2-Dichloroethene	ND		0.00099	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
cis-1,3-Dichloropropene	ND		0.00099	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Carbon disulfide	ND		0.0099	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Carbon tetrachloride	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Chlorobenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Chloroethane	ND		0.0020	0.00074	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Chloroform	ND		0.00099	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Dibromomethane	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Di-isopropyl ether (DIPE)	ND		0.00099	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Ethanol	ND		0.25	0.092	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Ethylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Methylene Chloride	ND		0.0099	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Naphthalene	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
n-Butylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
o-Xylene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
p-Isopropyltoluene	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
sec-Butylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Styrene	ND		0.00099	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
trans-1,2-Dichloroethene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Tert-amyl-methyl ether (TAME)	ND		0.00099	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
tert-Butylbenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Tetrachloroethene	ND		0.00099	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Toluene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Trichlorofluoromethane	ND		0.0099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Vinyl acetate	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Vinyl chloride	ND		0.00099	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*32 - 179*	*12/05/24 17:00*	*12/06/24 01:49*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:49*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/05/24 17:00*	*12/06/24 01:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/05/24 17:00*	*12/06/24 01:49*	*1*

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00064	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
2-Butanone (MEK)	ND		0.024	0.0053	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
2-Hexanone	ND		0.024	0.0036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0034	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Acetone	**0.042**		0.024	0.012	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Benzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Bromoform	ND		0.0059	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Chloroethane	ND		0.0024	0.00088	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
m,p-Xylene	ND		0.0024	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
sec-Butylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
tert-Butyl alcohol (TBA)	**0.0094**	**J**	0.024	0.0083	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1
Xylenes, Total	ND		0.0024	0.00071	mg/Kg	☼	12/05/24 17:00	12/06/24 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*32 - 179*	*12/05/24 17:00*	*12/06/24 02:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:11*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/05/24 17:00*	*12/06/24 02:11*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:11*	*1*

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0014	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1,1-Trichloroethane	ND		0.0014	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1,2,2-Tetrachloroethane	ND		0.0028	0.00077	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.014	0.00065	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1,2-Trichloroethane	ND		0.0014	0.00066	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1-Dichloroethane	ND		0.0014	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1-Dichloroethene	ND		0.0014	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,1-Dichloropropene	ND		0.0028	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2,3-Trichlorobenzene	ND		0.0028	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2,3-Trichloropropane	ND		0.0028	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2,4-Trichlorobenzene	ND		0.0028	0.00058	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2,4-Trimethylbenzene	ND		0.0028	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2-Dibromo-3-Chloropropane	ND		0.014	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2-Dibromoethane	ND		0.0014	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2-Dichlorobenzene	ND		0.0014	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2-Dichloroethane	ND		0.0014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,2-Dichloropropane	ND		0.0014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,3,5-Trimethylbenzene	ND		0.0028	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,3-Dichlorobenzene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,3-Dichloropropane	ND		0.0014	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
1,4-Dichlorobenzene	ND		0.0014	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
2,2-Dichloropropane	ND		0.0071	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
2-Butanone (MEK)	ND		0.028	0.0064	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
2-Chlorotoluene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
2-Hexanone	ND		0.028	0.0043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
4-Chlorotoluene	ND		0.0014	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
4-Methyl-2-pentanone (MIBK)	ND		0.028	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Acetone	**0.023**	**J**	0.028	0.014	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Benzene	**0.0015**		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Bromobenzene	ND		0.0014	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Bromochloromethane	ND		0.0028	0.00063	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Bromodichloromethane	ND		0.0014	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0071	0.0019	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Bromomethane	ND		0.028	0.0093	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
cis-1,2-Dichloroethene	ND		0.0014	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
cis-1,3-Dichloropropene	ND		0.0014	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Carbon disulfide	ND		0.014	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Carbon tetrachloride	ND		0.0014	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Chlorobenzene	ND		0.0014	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Chloroethane	ND		0.0028	0.0011	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Chloroform	ND		0.0014	0.00083	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Chloromethane	ND		0.028	0.0022	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Dibromochloromethane	ND		0.0028	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Dibromomethane	ND		0.0014	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Dichlorodifluoromethane	ND		0.0028	0.00064	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Di-isopropyl ether (DIPE)	ND		0.0014	0.00071	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Ethanol	ND		0.35	0.13	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Ethylbenzene	ND		0.0014	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.0014	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Isopropylbenzene	ND		0.0014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Methylene Chloride	ND		0.014	0.0044	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0028	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Naphthalene	ND		0.014	0.0056	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
n-Butylbenzene	ND		0.0014	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
N-Propylbenzene	ND		0.0028	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
o-Xylene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
m,p-Xylene	ND		0.0028	0.00067	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
p-Isopropyltoluene	ND		0.0014	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
sec-Butylbenzene	ND		0.0014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Styrene	ND		0.0014	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
trans-1,2-Dichloroethene	ND		0.0014	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
trans-1,3-Dichloropropene	ND		0.0028	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Tert-amyl-methyl ether (TAME)	ND		0.0014	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
tert-Butyl alcohol (TBA)	ND		0.028	0.0099	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
tert-Butylbenzene	ND		0.0014	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Tetrachloroethene	ND		0.0014	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Toluene	**0.00074**	**J**	0.0014	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Trichloroethene	ND		0.0028	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Trichlorofluoromethane	ND		0.014	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Vinyl acetate	ND		0.014	0.0055	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Vinyl chloride	ND		0.0014	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1
Xylenes, Total	ND		0.0028	0.00085	mg/Kg	☼	12/05/24 17:00	12/06/24 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*32 - 179*	*12/05/24 17:00*	*12/06/24 02:33*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:33*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/05/24 17:00*	*12/06/24 02:33*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:33*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
2-Butanone (MEK)	**0.0058**	**J**	0.022	0.0049	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
2-Hexanone	ND		0.022	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Acetone	**0.060**		0.022	0.011	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Benzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Bromoform	ND		0.0054	0.0014	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Bromomethane	ND		0.022	0.0071	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Chloroethane	ND		0.0022	0.00081	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Ethanol	ND		0.27	0.10	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Naphthalene	ND		0.011	0.0043	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
m,p-Xylene	ND		0.0022	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Styrene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/05/24 17:00	12/06/24 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*12/05/24 17:00*	*12/06/24 02:55*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:55*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/05/24 17:00*	*12/06/24 02:55*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/05/24 17:00*	*12/06/24 02:55*	*1*

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
2-Butanone (MEK)	**0.013**	**J**	0.024	0.0055	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Acetone	**0.094**		0.024	0.012	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Bromomethane	ND		0.024	0.0080	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Chloroethane	ND		0.0024	0.00090	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Chloroform	ND		0.0012	0.00071	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0085	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1
Xylenes, Total	ND		0.0024	0.00073	mg/Kg	☼	12/05/24 17:00	12/06/24 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*32 - 179*	*12/05/24 17:00*	*12/06/24 03:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 03:17*	*1*
Dibromofluoromethane (Surr)	*105*		*58 - 147*	*12/05/24 17:00*	*12/06/24 03:17*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 03:17*	*1*

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1,1-Trichloroethane	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00067	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1,2-Trichloroethane	ND		0.0012	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1-Dichloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1-Dichloroethene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,1-Dichloropropene	ND		0.0025	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2,3-Trichloropropane	ND		0.0025	0.00052	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,2-Dichloropropane	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,3-Dichloropropane	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
1,4-Dichlorobenzene	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
2,2-Dichloropropane	ND		0.0062	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
2-Butanone (MEK)	ND		0.025	0.0056	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
2-Hexanone	ND		0.025	0.0038	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
4-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0036	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Acetone	**0.012**	**J**	0.025	0.012	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Benzene	**0.00053**	**J**	0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Bromobenzene	ND		0.0012	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Bromochloromethane	ND		0.0025	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Bromodichloromethane	ND		0.0012	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0062	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Bromomethane	ND		0.025	0.0081	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
cis-1,2-Dichloroethene	ND		0.0012	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
cis-1,3-Dichloropropene	ND		0.0012	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Carbon disulfide	ND		0.012	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Carbon tetrachloride	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Chlorobenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Chloroethane	ND		0.0025	0.00092	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Chloroform	ND		0.0012	0.00073	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Dibromomethane	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Dichlorodifluoromethane	ND		0.0025	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Ethanol	ND		0.31	0.11	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Ethylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Isopropylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Methylene Chloride	ND		0.012	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Naphthalene	ND		0.012	0.0049	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
n-Butylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
N-Propylbenzene	ND		0.0025	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
o-Xylene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
m,p-Xylene	ND		0.0025	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
p-Isopropyltoluene	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
sec-Butylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Styrene	ND		0.0012	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
trans-1,2-Dichloroethene	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0086	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Tetrachloroethene	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Trichloroethene	ND		0.0025	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Trichlorofluoromethane	ND		0.012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Vinyl acetate	ND		0.012	0.0048	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Vinyl chloride	ND		0.0012	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1
Xylenes, Total	ND		0.0025	0.00074	mg/Kg	☼	12/05/24 17:00	12/06/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*32 - 179*	*12/05/24 17:00*	*12/06/24 03:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 03:40*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/05/24 17:00*	*12/06/24 03:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/05/24 17:00*	*12/06/24 03:40*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1,1-Trichloroethane	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1,2-Trichloroethane	ND		0.00099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1-Dichloroethane	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1-Dichloroethene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2-Dibromo-3-Chloropropane	ND		0.0099	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2-Dibromoethane	ND		0.00099	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2-Dichloroethane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,2-Dichloropropane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,3-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,3-Dichloropropane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
1,4-Dichlorobenzene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
2-Butanone (MEK)	**0.0088**	**J**	0.020	0.0045	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
2-Chlorotoluene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
4-Chlorotoluene	ND		0.00099	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Acetone	**0.095**		0.020	0.0098	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Benzene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Bromobenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Bromodichloromethane	ND		0.00099	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
cis-1,2-Dichloroethene	ND		0.00099	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
cis-1,3-Dichloropropene	ND		0.00099	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Carbon disulfide	ND		0.0099	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Carbon tetrachloride	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Chlorobenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Chloroethane	ND		0.0020	0.00074	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Chloroform	ND		0.00099	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Dibromomethane	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Di-isopropyl ether (DIPE)	ND		0.00099	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Ethanol	ND		0.25	0.092	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Ethylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Methylene Chloride	ND		0.0099	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Naphthalene	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
n-Butylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
o-Xylene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
p-Isopropyltoluene	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
sec-Butylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Styrene	ND		0.00099	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
trans-1,2-Dichloroethene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Tert-amyl-methyl ether (TAME)	ND		0.00099	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
tert-Butyl alcohol (TBA)	**0.0087**	**J**	0.020	0.0069	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
tert-Butylbenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Tetrachloroethene	**0.00062**	**J**	0.00099	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Toluene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Trichlorofluoromethane	ND		0.0099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Vinyl acetate	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Vinyl chloride	ND		0.00099	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*32 - 179*	*12/05/24 17:00*	*12/06/24 04:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:02*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/05/24 17:00*	*12/06/24 04:02*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:02*	*1*

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1,1-Trichloroethane	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1,2-Trichloroethane	ND		0.00099	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1-Dichloroethane	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1-Dichloroethene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2-Dibromo-3-Chloropropane	ND		0.0099	0.0033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2-Dibromoethane	ND		0.00099	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,2-Dichloroethane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,3-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,3-Dichloropropane	ND		0.00099	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
1,4-Dichlorobenzene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
2-Butanone (MEK)	**0.0069**	**J**	0.020	0.0045	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
2-Chlorotoluene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
2-Hexanone	ND		0.020	0.0030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
4-Chlorotoluene	ND		0.00099	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Acetone	**0.059**		0.020	0.0097	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Benzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Bromobenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Bromodichloromethane	ND		0.00099	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
cis-1,2-Dichloroethene	ND		0.00099	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
cis-1,3-Dichloropropene	ND		0.00099	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Carbon disulfide	ND		0.0099	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Carbon tetrachloride	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Chlorobenzene	ND		0.00099	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Chloroethane	ND		0.0020	0.00074	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Chloroform	ND		0.00099	0.00058	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Dibromomethane	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Di-isopropyl ether (DIPE)	ND		0.00099	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Ethanol	ND		0.25	0.091	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Ethylbenzene	ND		0.00099	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.00099	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Isopropylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Methylene Chloride	ND		0.0099	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Naphthalene	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
n-Butylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
o-Xylene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
p-Isopropyltoluene	ND		0.00099	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
sec-Butylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Styrene	ND		0.00099	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
trans-1,2-Dichloroethene	ND		0.00099	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Tert-amyl-methyl ether (TAME)	ND		0.00099	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
tert-Butylbenzene	ND		0.00099	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00099	0.00022	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Toluene	ND		0.00099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Trichlorofluoromethane	ND		0.0099	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Vinyl acetate	ND		0.0099	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Vinyl chloride	ND		0.00099	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1
Xylenes, Total	ND		0.0020	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*32 - 179*	*12/05/24 17:00*	*12/06/24 04:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:24*	*1*
Dibromofluoromethane (Surr)	*108*		*58 - 147*	*12/05/24 17:00*	*12/06/24 04:24*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:24*	*1*

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
2,2-Dichloropropane	ND		0.0060	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
2-Butanone (MEK)	ND		0.024	0.0054	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Acetone	**0.014**	**J**	0.024	0.012	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Bromomethane	ND		0.024	0.0079	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Chloroethane	ND		0.0024	0.00090	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Chloroform	ND		0.0012	0.00071	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0084	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1
Xylenes, Total	ND		0.0024	0.00072	mg/Kg	☼	12/05/24 17:00	12/06/24 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*32 - 179*	*12/05/24 17:00*	*12/06/24 04:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:46*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/05/24 17:00*	*12/06/24 04:46*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/05/24 17:00*	*12/06/24 04:46*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1,1-Trichloroethane	ND		0.0013	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1,2,2-Tetrachloroethane	ND		0.0026	0.00071	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1,2-Trichloroethane	ND		0.0013	0.00061	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1-Dichloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1-Dichloroethene	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,1-Dichloropropene	ND		0.0026	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2,3-Trichlorobenzene	ND		0.0026	0.00049	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2,3-Trichloropropane	ND		0.0026	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2,4-Trichlorobenzene	ND		0.0026	0.00054	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2,4-Trimethylbenzene	ND		0.0026	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0044	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2-Dibromoethane	ND		0.0013	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2-Dichlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2-Dichloroethane	ND		0.0013	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,2-Dichloropropane	ND		0.0013	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,3,5-Trimethylbenzene	ND		0.0026	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,3-Dichlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,3-Dichloropropane	ND		0.0013	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
1,4-Dichlorobenzene	ND		0.0013	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
2,2-Dichloropropane	ND		0.0066	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
2-Butanone (MEK)	**0.0064**	**J**	0.026	0.0059	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
2-Chlorotoluene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
2-Hexanone	ND		0.026	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
4-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
4-Methyl-2-pentanone (MIBK)	ND		0.026	0.0038	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Acetone	**0.074**		0.026	0.013	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Benzene	ND		0.0013	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Bromobenzene	ND		0.0013	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Bromochloromethane	ND		0.0026	0.00058	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Bromodichloromethane	ND		0.0013	0.00043	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Bromoform	ND		0.0066	0.0017	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Bromomethane	ND		0.026	0.0086	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
cis-1,2-Dichloroethene	ND		0.0013	0.00044	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
cis-1,3-Dichloropropene	ND		0.0013	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Carbon disulfide	ND		0.013	0.00053	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Carbon tetrachloride	ND		0.0013	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Chlorobenzene	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Chloroethane	ND		0.0026	0.00098	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Chloroform	ND		0.0013	0.00077	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Chloromethane	ND		0.026	0.0020	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Dibromochloromethane	ND		0.0026	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Dibromomethane	ND		0.0013	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Dichlorodifluoromethane	ND		0.0026	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00066	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Ethanol	ND		0.33	0.12	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Ethylbenzene	ND		0.0013	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0013	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Methylene Chloride	ND		0.013	0.0041	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0026	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Naphthalene	ND		0.013	0.0052	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
n-Butylbenzene	ND		0.0013	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
N-Propylbenzene	ND		0.0026	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
o-Xylene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
m,p-Xylene	ND		0.0026	0.00062	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
p-Isopropyltoluene	ND		0.0013	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
sec-Butylbenzene	ND		0.0013	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Styrene	ND		0.0013	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
trans-1,2-Dichloroethene	ND		0.0013	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
trans-1,3-Dichloropropene	ND		0.0026	0.00037	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
tert-Butyl alcohol (TBA)	ND		0.026	0.0092	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
tert-Butylbenzene	ND		0.0013	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Tetrachloroethene	ND		0.0013	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Toluene	ND		0.0013	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Trichloroethene	ND		0.0026	0.00051	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Trichlorofluoromethane	ND		0.013	0.00036	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Vinyl acetate	ND		0.013	0.0051	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Vinyl chloride	ND		0.0013	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1
Xylenes, Total	ND		0.0026	0.00079	mg/Kg	☼	12/05/24 17:00	12/06/24 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*32 - 179*	*12/05/24 17:00*	*12/06/24 05:08*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/05/24 17:00*	*12/06/24 05:08*	*1*
Dibromofluoromethane (Surr)	*108*		*58 - 147*	*12/05/24 17:00*	*12/06/24 05:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 05:08*	*1*

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
2-Butanone (MEK)	ND		0.020	0.0046	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Acetone	**0.024**		0.020	0.0099	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Chloroethane	ND		0.0020	0.00075	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Ethanol	ND		0.25	0.093	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/05/24 17:00	12/06/24 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*32 - 179*	*12/05/24 17:00*	*12/06/24 05:30*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/05/24 17:00*	*12/06/24 05:30*	*1*
Dibromofluoromethane (Surr)	*105*		*58 - 147*	*12/05/24 17:00*	*12/06/24 05:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:00*	*12/06/24 05:30*	*1*

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00061	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00042	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2,3-Trichloropropane	ND		0.0023	0.00047	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00046	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0038	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
2,2-Dichloropropane	ND		0.0056	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
2-Butanone (MEK)	ND		0.023	0.0051	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
2-Hexanone	ND		0.023	0.0035	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0033	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Acetone	**0.018**	**J**	0.023	0.011	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Benzene	**0.00059**	**J**	0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Bromochloromethane	ND		0.0023	0.00050	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Bromomethane	ND		0.023	0.0074	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Chloroethane	ND		0.0023	0.00084	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Chloromethane	ND		0.023	0.0017	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Dichlorodifluoromethane	ND		0.0023	0.00051	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00021	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
N-Propylbenzene	ND		0.0023	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
m,p-Xylene	ND		0.0023	0.00053	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
trans-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0079	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1
Xylenes, Total	ND		0.0023	0.00068	mg/Kg	☼	12/05/24 17:01	12/06/24 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*32 - 179*	*12/05/24 17:01*	*12/06/24 05:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/05/24 17:01*	*12/06/24 05:52*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/05/24 17:01*	*12/06/24 05:52*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/05/24 17:01*	*12/06/24 05:52*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
2,2-Dichloropropane	ND		0.0060	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
2-Butanone (MEK)	**0.0065**	**J**	0.024	0.0054	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Acetone	**0.074**		0.024	0.012	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Chloroethane	ND		0.0024	0.00088	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
m,p-Xylene	ND		0.0024	0.00056	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1
Xylenes, Total	ND		0.0024	0.00071	mg/Kg	☼	12/05/24 17:01	12/06/24 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*32 - 179*	*12/05/24 17:01*	*12/06/24 06:14*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/05/24 17:01*	*12/06/24 06:14*	*1*
Dibromofluoromethane (Surr)	*107*		*58 - 147*	*12/05/24 17:01*	*12/06/24 06:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:01*	*12/06/24 06:14*	*1*

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00096	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1,1-Trichloroethane	ND		0.00096	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0096	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1,2-Trichloroethane	ND		0.00096	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1-Dichloroethane	ND		0.00096	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1-Dichloroethene	ND		0.00096	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2-Dibromo-3-Chloropropane	ND		0.0096	0.0032	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2-Dibromoethane	ND		0.00096	0.00020	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,2-Dichloroethane	ND		0.00096	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00096	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,3-Dichlorobenzene	ND		0.00096	0.00024	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,3-Dichloropropane	ND		0.00096	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
1,4-Dichlorobenzene	ND		0.00096	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
2-Butanone (MEK)	ND		0.019	0.0043	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
2-Chlorotoluene	ND		0.00096	0.00024	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
2-Hexanone	ND		0.019	0.0030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
4-Chlorotoluene	ND		0.00096	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0028	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Acetone	**0.013**	**J**	0.019	0.0095	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Benzene	ND		0.00096	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Bromobenzene	ND		0.00096	0.00020	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Bromodichloromethane	ND		0.00096	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Bromoform	ND		0.0048	0.0013	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Bromomethane	ND		0.019	0.0063	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
cis-1,2-Dichloroethene	ND		0.00096	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
cis-1,3-Dichloropropene	ND		0.00096	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Carbon disulfide	ND		0.0096	0.00039	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Carbon tetrachloride	ND		0.00096	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Chlorobenzene	ND		0.00096	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Chloroethane	ND		0.0019	0.00072	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Chloroform	ND		0.00096	0.00057	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Chloromethane	ND		0.019	0.0015	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Dibromomethane	ND		0.00096	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Di-isopropyl ether (DIPE)	ND		0.00096	0.00048	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Ethanol	ND		0.24	0.089	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Ethylbenzene	ND		0.00096	0.00020	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Ethyl-t-butyl ether (ETBE)	ND		0.00096	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Isopropylbenzene	ND		0.00096	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Methylene Chloride	ND		0.0096	0.0030	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Naphthalene	ND		0.0096	0.0038	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
n-Butylbenzene	ND		0.00096	0.00020	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
N-Propylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
o-Xylene	ND		0.00096	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
p-Isopropyltoluene	ND		0.00096	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
sec-Butylbenzene	ND		0.00096	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Styrene	ND		0.00096	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
trans-1,2-Dichloroethene	ND		0.00096	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
trans-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Tert-amyl-methyl ether (TAME)	ND		0.00096	0.00019	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0067	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
tert-Butylbenzene	ND		0.00096	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00096	0.00022	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Toluene	ND		0.00096	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Trichlorofluoromethane	ND		0.0096	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Vinyl acetate	ND		0.0096	0.0038	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Vinyl chloride	ND		0.00096	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1
Xylenes, Total	ND		0.0019	0.00058	mg/Kg	☼	12/05/24 17:01	12/06/24 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*32 - 179*	*12/05/24 17:01*	*12/06/24 06:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/05/24 17:01*	*12/06/24 06:36*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/05/24 17:01*	*12/06/24 06:36*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/05/24 17:01*	*12/06/24 06:36*	*1*

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,1-Dichloropropene	ND		0.0022	0.00044	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
2-Butanone (MEK)	ND		0.022	0.0051	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
2-Hexanone	ND		0.022	0.0035	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0033	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Acetone	**0.013**	**J**	0.022	0.011	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Benzene	**0.00057**	**J**	0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Bromomethane	ND		0.022	0.0074	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Chloroethane	ND		0.0022	0.00084	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Dibromochloromethane	ND		0.0022	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
n-Butylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
N-Propylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0079	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Toluene	**0.00031**	**J**	0.0011	0.00030	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Trichloroethene	**0.0028**		0.0022	0.00043	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1
Xylenes, Total	ND		0.0022	0.00067	mg/Kg	☼	12/05/24 17:01	12/06/24 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/05/24 17:01*	*12/06/24 10:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/05/24 17:01*	*12/06/24 10:31*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/05/24 17:01*	*12/06/24 10:31*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*12/05/24 17:01*	*12/06/24 10:31*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 12:29	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 12:29	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 12:29	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 12:29	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 12:29	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 12:29	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 12:29	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 12:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 12:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 12:29	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 12:29	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 12:29	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:29	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 12:29	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 12:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 12:29	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:29	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 12:29	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 12:29	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 12:29	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 12:29	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 12:29	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 12:29	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 12:29	1
Acetone	ND		10	7.4	ug/L			12/06/24 12:29	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 12:29	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 12:29	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 12:29	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 12:29	1
Bromoform	ND		5.0	1.9	ug/L			12/06/24 12:29	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 12:29	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 12:29	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 12:29	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 12:29	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 12:29	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:29	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 12:29	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 12:29	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 12:29	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 12:29	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 12:29	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 12:29	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 12:29	1
Ethanol	ND		100	52	ug/L			12/06/24 12:29	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 12:29	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 12:29	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 12:29	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 12:29	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 12:29	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 12:29	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 12:29	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 12:29	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 12:29	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 12:29	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 12:29	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 12:29	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 12:29	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 12:29	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 12:29	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 12:29	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 12:29	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 12:29	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 12:29	1
Toluene	ND		1.0	0.30	ug/L			12/06/24 12:29	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 12:29	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 12:29	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 12:29	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 123*		*12/06/24 12:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/06/24 12:29*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*12/06/24 12:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/06/24 12:29*	*1*

Client Sample ID: TB-20241204-1
Date Collected: 12/04/24 00:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 10:57	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 10:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 10:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 10:57	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 10:57	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 10:57	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 10:57	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 10:57	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 10:57	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 10:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 10:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 10:57	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 10:57	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 10:57	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 10:57	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 10:57	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 10:57	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-20241204-1
Date Collected: 12/04/24 00:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 10:57	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 10:57	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 10:57	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 10:57	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 10:57	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 10:57	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 10:57	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 10:57	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 10:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 10:57	1
Acetone	ND		10	7.4	ug/L			12/06/24 10:57	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 10:57	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 10:57	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 10:57	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 10:57	1
Bromoform	ND		5.0	1.9	ug/L			12/06/24 10:57	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 10:57	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 10:57	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 10:57	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 10:57	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 10:57	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 10:57	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 10:57	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 10:57	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 10:57	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 10:57	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 10:57	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 10:57	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 10:57	1
Ethanol	ND		100	52	ug/L			12/06/24 10:57	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 10:57	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 10:57	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 10:57	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 10:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 10:57	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 10:57	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 10:57	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 10:57	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 10:57	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 10:57	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 10:57	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 10:57	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 10:57	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 10:57	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 10:57	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 10:57	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 10:57	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 10:57	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 10:57	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-20241204-1
Date Collected: 12/04/24 00:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-26
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.30	ug/L			12/06/24 10:57	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 10:57	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 10:57	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 10:57	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*12/06/24 10:57*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/06/24 10:57*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*12/06/24 10:57*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/06/24 10:57*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Chrysene	ND		0.022	0.0073	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*12/06/24 13:11*	*12/10/24 12:17*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*12/06/24 13:11*	*12/10/24 12:17*	*1*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*	*12/06/24 13:11*	*12/10/24 12:17*	*1*

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Benzo[a]anthracene	ND		0.023	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Benzo[a]pyrene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Chrysene	ND		0.023	0.0073	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Fluoranthene	ND		0.023	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1
Pyrene	ND		0.023	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 12:38*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/06/24 13:11*	*12/10/24 12:38*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-2
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*75*		*33 - 147*	*12/06/24 13:11*	*12/10/24 12:38*	*1*

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*12/06/24 13:11*	*12/10/24 12:59*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/06/24 13:11*	*12/10/24 12:59*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/06/24 13:11*	*12/10/24 12:59*	*1*

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Benzo[a]anthracene	ND		0.023	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Benzo[a]pyrene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Chrysene	ND		0.023	0.0073	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Fluoranthene	ND		0.023	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1
Pyrene	ND		0.023	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 13:21*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/06/24 13:11*	*12/10/24 13:21*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/06/24 13:11*	*12/10/24 13:21*	*1*

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*12/06/24 13:11*	*12/10/24 11:13*	*1*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*	*12/06/24 13:11*	*12/10/24 11:13*	*1*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*	*12/06/24 13:11*	*12/10/24 11:13*	*1*

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Acenaphthene	ND		0.025	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Benzo[k]fluoranthene	ND		0.025	0.021	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Benzo[a]anthracene	ND		0.025	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Benzo[b]fluoranthene	ND		0.025	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.025	0.0080	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Dibenz(a,h)anthracene	ND		0.025	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Fluoranthene	ND		0.025	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Phenanthrene	ND		0.025	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/06/24 13:11*	*12/10/24 13:42*	*1*
Nitrobenzene-d5 (Surr)	*85*		*20 - 145*	*12/06/24 13:11*	*12/10/24 13:42*	*1*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*	*12/06/24 13:11*	*12/10/24 13:42*	*1*

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Benzo[a]anthracene	ND		0.023	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Benzo[a]pyrene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Chrysene	ND		0.023	0.0073	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Fluoranthene	ND		0.023	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1
Pyrene	ND		0.023	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*12/06/24 13:11*	*12/10/24 14:03*	*1*
Nitrobenzene-d5 (Surr)	*77*		*20 - 145*	*12/06/24 13:11*	*12/10/24 14:03*	*1*
p-Terphenyl-d14 (Surr)	*67*		*33 - 147*	*12/06/24 13:11*	*12/10/24 14:03*	*1*

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*	*12/06/24 13:11*	*12/10/24 14:24*	*1*
Nitrobenzene-d5 (Surr)	*91*		*20 - 145*	*12/06/24 13:11*	*12/10/24 14:24*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/06/24 13:11*	*12/10/24 14:24*	*1*

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Fluoranthene	ND		0.024	0.0096	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*12/06/24 13:11*	*12/10/24 14:45*	*1*
Nitrobenzene-d5 (Surr)	*87*		*20 - 145*	*12/06/24 13:11*	*12/10/24 14:45*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 147*	*12/06/24 13:11*	*12/10/24 14:45*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*12/06/24 13:11*	*12/10/24 15:07*	*1*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*	*12/06/24 13:11*	*12/10/24 15:07*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/06/24 13:11*	*12/10/24 15:07*	*1*

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 15:28*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/06/24 13:11*	*12/10/24 15:28*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-11
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/06/24 13:11*	*12/10/24 15:28*	*1*

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.029	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
2-Methylnaphthalene	ND		0.029	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Acenaphthene	ND		0.029	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Acenaphthylene	ND		0.029	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Anthracene	ND		0.029	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Benzo[g,h,i]perylene	ND		0.029	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Benzo[k]fluoranthene	ND		0.029	0.025	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Benzo[a]anthracene	ND		0.029	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Benzo[a]pyrene	ND		0.029	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Benzo[b]fluoranthene	ND		0.029	0.022	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Chrysene	ND		0.029	0.0093	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Dibenz(a,h)anthracene	ND		0.029	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Fluoranthene	ND		0.029	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Fluorene	ND		0.029	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Indeno[1,2,3-cd]pyrene	ND		0.029	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Naphthalene	ND		0.029	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Phenanthrene	ND		0.029	0.022	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1
Pyrene	ND		0.029	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*22 - 130*	*12/06/24 13:11*	*12/10/24 15:49*	*1*
Nitrobenzene-d5 (Surr)	*75*		*20 - 145*	*12/06/24 13:11*	*12/10/24 15:49*	*1*
p-Terphenyl-d14 (Surr)	*65*		*33 - 147*	*12/06/24 13:11*	*12/10/24 15:49*	*1*

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Acenaphthylene	ND		0.022	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Anthracene	ND		0.022	0.0096	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Benzo[g,h,i]perylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Benzo[a]anthracene	ND		0.022	0.0087	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Benzo[a]pyrene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Chrysene	ND		0.022	0.0070	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Naphthalene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1
Pyrene	ND		0.022	0.0094	mg/Kg	☼	12/06/24 13:11	12/10/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 16:10*	*1*
Nitrobenzene-d5 (Surr)	*87*		*20 - 145*	*12/06/24 13:11*	*12/10/24 16:10*	*1*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*	*12/06/24 13:11*	*12/10/24 16:10*	*1*

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Benzo[a]anthracene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Benzo[a]pyrene	ND		0.024	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Chrysene	ND		0.024	0.0078	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Fluoranthene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 16:32*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/06/24 13:11*	*12/10/24 16:32*	*1*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*	*12/06/24 13:11*	*12/10/24 16:32*	*1*

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Benzo[a]anthracene	ND		0.024	0.0096	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Benzo[a]pyrene	ND		0.024	0.0098	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.024	0.0078	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Fluoranthene	ND		0.024	0.0096	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/06/24 13:11*	*12/10/24 16:53*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/06/24 13:11*	*12/10/24 16:53*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/06/24 13:11*	*12/10/24 16:53*	*1*

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Chrysene	ND		0.022	0.0073	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*12/06/24 13:11*	*12/10/24 17:14*	*1*
Nitrobenzene-d5 (Surr)	*89*		*20 - 145*	*12/06/24 13:11*	*12/10/24 17:14*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/06/24 13:11*	*12/10/24 17:14*	*1*

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/06/24 13:11*	*12/10/24 17:35*	*1*
Nitrobenzene-d5 (Surr)	*87*		*20 - 145*	*12/06/24 13:11*	*12/10/24 17:35*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/06/24 13:11*	*12/10/24 17:35*	*1*

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Benzo[a]anthracene	ND		0.023	0.0091	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/06/24 13:31	12/09/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*12/06/24 13:31*	*12/09/24 17:42*	*1*
Nitrobenzene-d5 (Surr)	*61*		*20 - 145*	*12/06/24 13:31*	*12/09/24 17:42*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 147*	*12/06/24 13:31*	*12/09/24 17:42*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Benzo[a]pyrene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/06/24 13:31	12/09/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/06/24 13:31*	*12/09/24 18:04*	*1*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*12/06/24 13:31*	*12/09/24 18:04*	*1*
p-Terphenyl-d14 (Surr)	*83*		*33 - 147*	*12/06/24 13:31*	*12/09/24 18:04*	*1*

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/06/24 13:31	12/09/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/06/24 13:31*	*12/09/24 18:27*	*1*
Nitrobenzene-d5 (Surr)	*79*		*20 - 145*	*12/06/24 13:31*	*12/09/24 18:27*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-20
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/06/24 13:31*	*12/09/24 18:27*	*1*

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
2-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Acenaphthene	ND		0.021	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Acenaphthylene	ND		0.021	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Anthracene	ND		0.021	0.0092	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Benzo[g,h,i]perylene	ND		0.021	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Benzo[k]fluoranthene	ND		0.021	0.018	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Benzo[a]anthracene	ND		0.021	0.0083	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Benzo[a]pyrene	ND		0.021	0.0084	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Benzo[b]fluoranthene	ND		0.021	0.015	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Chrysene	ND		0.021	0.0067	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Dibenz(a,h)anthracene	ND		0.021	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Fluoranthene	ND		0.021	0.0083	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Fluorene	ND		0.021	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Indeno[1,2,3-cd]pyrene	ND		0.021	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Naphthalene	ND		0.021	0.0093	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Phenanthrene	ND		0.021	0.015	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1
Pyrene	ND		0.021	0.0090	mg/Kg	☼	12/06/24 13:31	12/09/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*	*12/06/24 13:31*	*12/09/24 18:49*	*1*
Nitrobenzene-d5 (Surr)	*84*		*20 - 145*	*12/06/24 13:31*	*12/09/24 18:49*	*1*
p-Terphenyl-d14 (Surr)	*87*		*33 - 147*	*12/06/24 13:31*	*12/09/24 18:49*	*1*

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/06/24 13:31	12/09/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/06/24 13:31*	*12/09/24 19:12*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*12/06/24 13:31*	*12/09/24 19:12*	*1*
p-Terphenyl-d14 (Surr)	*90*		*33 - 147*	*12/06/24 13:31*	*12/09/24 19:12*	*1*

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Anthracene	ND		0.022	0.0098	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Benzo[a]pyrene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Fluoranthene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Naphthalene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1
Pyrene	ND		0.022	0.0096	mg/Kg	☼	12/06/24 13:31	12/09/24 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*81*		*22 - 130*	*12/06/24 13:31*	*12/09/24 19:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*20 - 145*	*12/06/24 13:31*	*12/09/24 19:34*	*1*
p-Terphenyl-d14 (Surr)	*84*		*33 - 147*	*12/06/24 13:31*	*12/09/24 19:34*	*1*

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Benzo[a]pyrene	ND		0.023	0.0095	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 13:31	12/09/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*12/06/24 13:31*	*12/09/24 19:57*	*1*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*12/06/24 13:31*	*12/09/24 19:57*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/06/24 13:31*	*12/09/24 19:57*	*1*

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/05/24 16:50	12/09/24 20:35	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/05/24 16:50	12/09/24 20:35	1
Acenaphthene	ND		0.20	0.097	ug/L		12/05/24 16:50	12/09/24 20:35	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/05/24 16:50	12/09/24 20:35	1
Anthracene	ND		0.20	0.059	ug/L		12/05/24 16:50	12/09/24 20:35	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/05/24 16:50	12/09/24 20:35	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/05/24 16:50	12/09/24 20:35	1
Benzo[a]anthracene	ND		0.20	0.085	ug/L		12/05/24 16:50	12/09/24 20:35	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/05/24 16:50	12/09/24 20:35	1
Benzo[b]fluoranthene	ND		0.20	0.17	ug/L		12/05/24 16:50	12/09/24 20:35	1
Chrysene	ND		0.20	0.059	ug/L		12/05/24 16:50	12/09/24 20:35	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/05/24 16:50	12/09/24 20:35	1
Fluoranthene	ND		0.20	0.14	ug/L		12/05/24 16:50	12/09/24 20:35	1
Fluorene	ND		0.20	0.075	ug/L		12/05/24 16:50	12/09/24 20:35	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/05/24 16:50	12/09/24 20:35	1
Naphthalene	ND		0.20	0.15	ug/L		12/05/24 16:50	12/09/24 20:35	1
Phenanthrene	ND		0.20	0.073	ug/L		12/05/24 16:50	12/09/24 20:35	1
Pyrene	ND		0.20	0.066	ug/L		12/05/24 16:50	12/09/24 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*33 - 144*	*12/05/24 16:50*	*12/09/24 20:35*	*1*
Nitrobenzene-d5 (Surr)	*89*		*28 - 139*	*12/05/24 16:50*	*12/09/24 20:35*	*1*
p-Terphenyl-d14 (Surr)	*77*		*23 - 160*	*12/05/24 16:50*	*12/09/24 20:35*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
1-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,4-Dinitrotoluene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,6-Dichlorophenol	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Chloronaphthalene	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
2-Nitrophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
3-Nitroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Bromophenyl phenyl ether	ND		0.56	0.081	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Acenaphthene	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Anthracene	ND		0.56	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Azobenzene	ND		0.56	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzidine	ND		5.6	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzo[b]fluoranthene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzo[g,h,i]perylene	ND		0.56	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzoic acid	ND		2.8	0.75	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Chrysene	ND		0.56	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Fluorene	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Hexachlorobenzene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Hexachlorocyclopentadiene	ND		1.7	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Isophorone	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Naphthalene	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
N-Nitrosodimethylamine	ND		0.56	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
N-Nitrosodi-n-propylamine	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Pentachlorophenol	ND		2.8	2.0	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Phenanthrene	ND		0.56	0.080	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 134*	*12/06/24 13:15*	*12/10/24 16:22*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/06/24 13:15*	*12/10/24 16:22*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 123*	*12/06/24 13:15*	*12/10/24 16:22*	*1*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/06/24 13:15*	*12/10/24 16:22*	*1*
p-Terphenyl-d14 (Surr)	*82*		*31 - 139*	*12/06/24 13:15*	*12/10/24 16:22*	*1*
Phenol-d6 (Surr)	*86*		*10 - 120*	*12/06/24 13:15*	*12/10/24 16:22*	*1*

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.57	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
3,3'-Dichlorobenzidine	ND		2.9	0.61	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
3-Nitroaniline	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Azobenzene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzidine	ND		5.7	0.66	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzo[b]fluoranthene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzoic acid	ND		2.9	0.77	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Chrysene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Di-n-octyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Hexachlorobenzene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Hexachloroethane	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Phenanthrene	ND		0.57	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 134*	*12/06/24 13:15*	*12/10/24 16:46*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*12/06/24 13:15*	*12/10/24 16:46*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 123*	*12/06/24 13:15*	*12/10/24 16:46*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/06/24 13:15*	*12/10/24 16:46*	*1*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*	*12/06/24 13:15*	*12/10/24 16:46*	*1*
Phenol-d6 (Surr)	*92*		*10 - 120*	*12/06/24 13:15*	*12/10/24 16:46*	*1*

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4-Bromophenyl phenyl ether	ND		0.60	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4-Chloroaniline	ND		0.60	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Acenaphthylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Anthracene	ND		0.60	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Azobenzene	ND		0.60	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzidine	ND		6.0	0.69	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzo[a]anthracene	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Chrysene	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Dibenz(a,h)anthracene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Hexachlorobenzene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:09*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-3
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:09*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:09*	*1*
Nitrobenzene-d5 (Surr)	*67*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:09*	*1*
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:09*	*1*
Phenol-d6 (Surr)	*73*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:09*	*1*

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
1,2-Dichlorobenzene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,4-Dinitrotoluene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2,6-Dinitrotoluene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Chloronaphthalene	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Bromophenyl phenyl ether	ND		0.57	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Chloroaniline	ND		0.57	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Chlorophenyl phenyl ether	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Acenaphthene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Anthracene	ND		0.57	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzidine	ND		5.7	0.65	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzo[a]anthracene	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzo[b]fluoranthene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Chrysene	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Dibenz(a,h)anthracene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Isophorone	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
N-Nitrosodi-n-propylamine	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:33*	*1*
2-Fluorobiphenyl (Surr)	*72*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:33*	*1*
2-Fluorophenol (Surr)	*90*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:33*	*1*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:33*	*1*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:33*	*1*
Phenol-d6 (Surr)	*92*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:33*	*1*

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4-Dinitrophenol	ND	F2	2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,4-Dinitrotoluene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Chloronaphthalene	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Bromophenyl phenyl ether	ND		0.57	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Chlorophenyl phenyl ether	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Acenaphthene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Anthracene	ND		0.57	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzidine	ND	F1	5.7	0.65	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzo[b]fluoranthene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Chrysene	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Isophorone	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
N-Nitrosodi-n-propylamine	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:56*	*1*
2-Fluorobiphenyl (Surr)	*71*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:56*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:56*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:56*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:56*	*1*
Phenol-d6 (Surr)	*90*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:56*	*1*

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.61	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
1,2-Dichlorobenzene	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
1,3-Dichlorobenzene	ND		0.61	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
1,4-Dichlorobenzene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
1-Methylnaphthalene	ND		0.61	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4,5-Trichlorophenol	ND		0.61	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4,6-Trichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4-Dichlorophenol	ND		0.61	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4-Dimethylphenol	ND		0.61	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4-Dinitrophenol	ND		2.5	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,4-Dinitrotoluene	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,6-Dichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2,6-Dinitrotoluene	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2-Chloronaphthalene	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2-Chlorophenol	ND		0.61	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2-Methylnaphthalene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2-Nitroaniline	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
2-Nitrophenol	ND		0.61	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
3,3'-Dichlorobenzidine	ND		3.1	0.66	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
3-Nitroaniline	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4,6-Dinitro-2-methylphenol	ND		3.1	1.2	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Bromophenyl phenyl ether	ND		0.61	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Chloro-3-methylphenol	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Chloroaniline	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Chlorophenyl phenyl ether	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Nitroaniline	ND		0.61	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
4-Nitrophenol	ND		0.61	0.39	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Acenaphthene	ND		0.61	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Acenaphthylene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Aniline	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Anthracene	ND		0.61	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Azobenzene	ND		0.61	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzidine	ND		6.1	0.71	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzo[a]anthracene	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzo[a]pyrene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzo[b]fluoranthene	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzo[g,h,i]perylene	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzo[k]fluoranthene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzoic acid	ND		3.1	0.83	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Benzyl alcohol	ND		0.61	0.21	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Bis(2-chloroethoxy)methane	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Bis(2-chloroethyl)ether	ND		3.1	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
bis (2-Chloroisopropyl) ether	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Bis(2-ethylhexyl) phthalate	ND		0.61	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Butyl benzyl phthalate	ND		0.61	0.29	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Chrysene	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Dibenz(a,h)anthracene	ND		0.61	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Dibenzofuran	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Diethyl phthalate	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Dimethyl phthalate	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Di-n-butyl phthalate	ND		0.61	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Di-n-octyl phthalate	ND		0.61	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Fluoranthene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Fluorene	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Hexachloro-1,3-butadiene	ND		0.61	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Hexachlorobenzene	ND		0.61	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Hexachlorocyclopentadiene	ND		1.8	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Hexachloroethane	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Indeno[1,2,3-cd]pyrene	ND		0.61	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Isophorone	ND		0.61	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Naphthalene	ND		0.61	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
N-Nitrosodimethylamine	ND		0.61	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.61	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Pentachlorophenol	ND		3.1	2.3	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Phenanthrene	ND		0.61	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Phenol	ND		0.61	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Pyrene	ND		0.61	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1
Pyridine	ND		0.61	0.29	mg/Kg	☼	12/06/24 13:15	12/10/24 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*	*12/06/24 13:15*	*12/10/24 18:20*	*1*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*	*12/06/24 13:15*	*12/10/24 18:20*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/06/24 13:15*	*12/10/24 18:20*	*1*
Nitrobenzene-d5 (Surr)	*67*		*10 - 129*	*12/06/24 13:15*	*12/10/24 18:20*	*1*
p-Terphenyl-d14 (Surr)	*76*		*31 - 139*	*12/06/24 13:15*	*12/10/24 18:20*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/06/24 13:15*	*12/10/24 18:20*	*1*

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Chloronaphthalene	ND		0.56	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Bromophenyl phenyl ether	ND		0.56	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Nitroaniline	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
4-Nitrophenol	ND		0.56	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Anthracene	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Azobenzene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzo[b]fluoranthene	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Bis(2-chloroethoxy)methane	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Butyl benzyl phthalate	ND		0.56	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Di-n-butyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Isophorone	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
N-Nitrosodi-n-propylamine	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Phenanthrene	ND		0.56	0.082	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Pyrene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 134*	*12/06/24 13:15*	*12/10/24 18:43*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*12/06/24 13:15*	*12/10/24 18:43*	*1*
2-Fluorophenol (Surr)	*95*		*10 - 123*	*12/06/24 13:15*	*12/10/24 18:43*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/06/24 13:15*	*12/10/24 18:43*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*87*		*31 - 139*	*12/06/24 13:15*	*12/10/24 18:43*	*1*
Phenol-d6 (Surr)	*96*		*10 - 120*	*12/06/24 13:15*	*12/10/24 18:43*	*1*

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
1,2-Dichlorobenzene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4,6-Trichlorophenol	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2,6-Dinitrotoluene	ND		0.57	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Chloronaphthalene	ND		0.57	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
3-Nitroaniline	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Azobenzene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzidine	ND		5.7	0.66	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzo[a]anthracene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzo[b]fluoranthene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzoic acid	ND		2.9	0.77	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Chrysene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Dibenz(a,h)anthracene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Di-n-octyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Hexachlorobenzene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Hexachloroethane	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Phenanthrene	ND		0.57	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*	*12/06/24 13:15*	*12/10/24 15:58*	*1*
2-Fluorobiphenyl (Surr)	*82*		*14 - 142*	*12/06/24 13:15*	*12/10/24 15:58*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 123*	*12/06/24 13:15*	*12/10/24 15:58*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/06/24 13:15*	*12/10/24 15:58*	*1*
p-Terphenyl-d14 (Surr)	*78*		*31 - 139*	*12/06/24 13:15*	*12/10/24 15:58*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*12/06/24 13:15*	*12/10/24 15:58*	*1*

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Bromophenyl phenyl ether	ND		0.60	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Chloroaniline	ND		0.60	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Anthracene	ND		0.60	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Azobenzene	ND		0.60	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzidine	ND		6.0	0.69	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzo[a]anthracene	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Chrysene	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Dibenz(a,h)anthracene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Hexachlorobenzene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 134*	*12/06/24 13:15*	*12/10/24 16:21*	*1*
2-Fluorobiphenyl (Surr)	*77*		*14 - 142*	*12/06/24 13:15*	*12/10/24 16:21*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 123*	*12/06/24 13:15*	*12/10/24 16:21*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/06/24 13:15*	*12/10/24 16:21*	*1*
p-Terphenyl-d14 (Surr)	*76*		*31 - 139*	*12/06/24 13:15*	*12/10/24 16:21*	*1*
Phenol-d6 (Surr)	*83*		*10 - 120*	*12/06/24 13:15*	*12/10/24 16:21*	*1*

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzidine	ND		5.8	0.67	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 134*	*12/06/24 13:15*	*12/10/24 16:44*	*1*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*	*12/06/24 13:15*	*12/10/24 16:44*	*1*
2-Fluorophenol (Surr)	*92*		*10 - 123*	*12/06/24 13:15*	*12/10/24 16:44*	*1*
Nitrobenzene-d5 (Surr)	*82*		*10 - 129*	*12/06/24 13:15*	*12/10/24 16:44*	*1*
p-Terphenyl-d14 (Surr)	*78*		*31 - 139*	*12/06/24 13:15*	*12/10/24 16:44*	*1*
Phenol-d6 (Surr)	*89*		*10 - 120*	*12/06/24 13:15*	*12/10/24 16:44*	*1*

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
1,2-Dichlorobenzene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4,5-Trichlorophenol	ND		0.57	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4,6-Trichlorophenol	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2,6-Dinitrotoluene	ND		0.57	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Chloronaphthalene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Nitroaniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
3-Nitroaniline	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Chloroaniline	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.57	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzidine	ND		5.7	0.66	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzo[a]anthracene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzo[b]fluoranthene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzoic acid	ND		2.9	0.77	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Chrysene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Dibenz(a,h)anthracene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Di-n-octyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Hexachlorobenzene	ND		0.57	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Hexachloroethane	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Phenanthrene	ND		0.57	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:07*	*1*
2-Fluorobiphenyl (Surr)	*73*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:07*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:07*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:07*	*1*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:07*	*1*
Phenol-d6 (Surr)	*82*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:07*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.73	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
1,2-Dichlorobenzene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
1,3-Dichlorobenzene	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
1,4-Dichlorobenzene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
1-Methylnaphthalene	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4,5-Trichlorophenol	ND		0.73	0.29	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4,6-Trichlorophenol	ND		0.73	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4-Dichlorophenol	ND		0.73	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4-Dimethylphenol	ND		0.73	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4-Dinitrophenol	ND		2.9	1.3	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,4-Dinitrotoluene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,6-Dichlorophenol	ND		0.73	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2,6-Dinitrotoluene	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Chloronaphthalene	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Chlorophenol	ND		0.73	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Methylnaphthalene	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Methylphenol	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Nitroaniline	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
2-Nitrophenol	ND		0.73	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
3,3'-Dichlorobenzidine	ND		3.6	0.78	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
3/4-Methylphenol	ND		1.5	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
3-Nitroaniline	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4,6-Dinitro-2-methylphenol	ND		3.6	1.4	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Bromophenyl phenyl ether	ND		0.73	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Chloro-3-methylphenol	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Chloroaniline	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Chlorophenyl phenyl ether	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Nitroaniline	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
4-Nitrophenol	ND		0.73	0.46	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Acenaphthene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Acenaphthylene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Aniline	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Anthracene	ND		0.73	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Azobenzene	ND		0.73	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzidine	ND		7.3	0.84	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzo[a]anthracene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzo[a]pyrene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzo[b]fluoranthene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzo[g,h,i]perylene	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzo[k]fluoranthene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzoic acid	ND		3.6	0.98	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Benzyl alcohol	ND		0.73	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Bis(2-chloroethoxy)methane	ND		0.73	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Bis(2-chloroethyl)ether	ND		3.6	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
bis (2-Chloroisopropyl) ether	ND		0.73	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Bis(2-ethylhexyl) phthalate	ND		0.73	0.32	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Butyl benzyl phthalate	ND		0.73	0.34	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Chrysene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Dibenz(a,h)anthracene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Diethyl phthalate	ND		0.73	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Dimethyl phthalate	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Di-n-butyl phthalate	ND		0.73	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Di-n-octyl phthalate	ND		0.73	0.34	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Fluoranthene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Fluorene	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Hexachloro-1,3-butadiene	ND		0.73	0.18	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Hexachlorobenzene	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Hexachlorocyclopentadiene	ND		2.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Hexachloroethane	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Indeno[1,2,3-cd]pyrene	ND		0.73	0.18	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Isophorone	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Naphthalene	ND		0.73	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Nitrobenzene	ND		2.9	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
N-Nitrosodimethylamine	ND		0.73	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
N-Nitrosodi-n-propylamine	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.73	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Pentachlorophenol	ND		3.6	2.7	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Phenanthrene	ND		0.73	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Phenol	ND		0.73	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Pyrene	ND		0.73	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1
Pyridine	ND		0.73	0.34	mg/Kg	☼	12/06/24 13:15	12/10/24 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:30*	*1*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:30*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:30*	*1*
Nitrobenzene-d5 (Surr)	*63*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:30*	*1*
p-Terphenyl-d14 (Surr)	*63*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:30*	*1*
Phenol-d6 (Surr)	*68*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:30*	*1*

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
1,2-Dichlorobenzene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
1,3-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
1,4-Dichlorobenzene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4,5-Trichlorophenol	ND		0.55	0.21	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4-Dinitrophenol	ND		2.2	0.99	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
3-Nitroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
4-Nitrophenol	ND		0.55	0.34	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzidine	ND		5.5	0.63	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzo[b]fluoranthene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzo[g,h,i]perylene	ND		0.55	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Dibenz(a,h)anthracene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Hexachlorobenzene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Hexachlorocyclopentadiene	ND		1.6	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
N-Nitrosodimethylamine	ND		0.55	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
N-Nitrosodi-n-propylamine	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 134*	*12/06/24 13:15*	*12/10/24 17:54*	*1*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/06/24 13:15*	*12/10/24 17:54*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 123*	*12/06/24 13:15*	*12/10/24 17:54*	*1*
Nitrobenzene-d5 (Surr)	*65*		*10 - 129*	*12/06/24 13:15*	*12/10/24 17:54*	*1*
p-Terphenyl-d14 (Surr)	*61*		*31 - 139*	*12/06/24 13:15*	*12/10/24 17:54*	*1*
Phenol-d6 (Surr)	*66*		*10 - 120*	*12/06/24 13:15*	*12/10/24 17:54*	*1*

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4-Bromophenyl phenyl ether	ND		0.60	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4-Chloroaniline	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Anthracene	ND		0.60	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Azobenzene	ND		0.60	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzidine	ND		6.0	0.69	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzo[a]anthracene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzoic acid	ND		3.0	0.81	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Chrysene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Dibenz(a,h)anthracene	ND		0.60	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Hexachlorobenzene	ND		0.60	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 134*	*12/06/24 13:15*	*12/10/24 18:17*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*	*12/06/24 13:15*	*12/10/24 18:17*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 123*	*12/06/24 13:15*	*12/10/24 18:17*	*1*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*	*12/06/24 13:15*	*12/10/24 18:17*	*1*
p-Terphenyl-d14 (Surr)	*69*		*31 - 139*	*12/06/24 13:15*	*12/10/24 18:17*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*12/06/24 13:15*	*12/10/24 18:17*	*1*

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Bromophenyl phenyl ether	ND		0.60	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Chloroaniline	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Anthracene	ND		0.60	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Azobenzene	ND		0.60	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzidine	ND		6.0	0.69	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzo[a]anthracene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Chrysene	ND		0.60	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Dibenz(a,h)anthracene	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Hexachlorobenzene	ND		0.60	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 134*	*12/06/24 13:15*	*12/10/24 18:40*	*1*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*	*12/06/24 13:15*	*12/10/24 18:40*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 123*	*12/06/24 13:15*	*12/10/24 18:40*	*1*
Nitrobenzene-d5 (Surr)	*65*		*10 - 129*	*12/06/24 13:15*	*12/10/24 18:40*	*1*
p-Terphenyl-d14 (Surr)	*67*		*31 - 139*	*12/06/24 13:15*	*12/10/24 18:40*	*1*
Phenol-d6 (Surr)	*63*		*10 - 120*	*12/06/24 13:15*	*12/10/24 18:40*	*1*

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*	*12/06/24 13:15*	*12/10/24 19:03*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*12/06/24 13:15*	*12/10/24 19:03*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 123*	*12/06/24 13:15*	*12/10/24 19:03*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/06/24 13:15*	*12/10/24 19:03*	*1*
p-Terphenyl-d14 (Surr)	*75*		*31 - 139*	*12/06/24 13:15*	*12/10/24 19:03*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/06/24 13:15*	*12/10/24 19:03*	*1*

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2-Chloronaphthalene	ND		0.56	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Bromophenyl phenyl ether	ND		0.56	0.083	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
4-Nitrophenol	ND		0.56	0.36	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Acenaphthene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Bis(2-chloroethoxy)methane	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Di-n-butyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Isophorone	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/06/24 13:15	12/10/24 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/06/24 13:15*	*12/10/24 19:26*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*12/06/24 13:15*	*12/10/24 19:26*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 123*	*12/06/24 13:15*	*12/10/24 19:26*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/06/24 13:15*	*12/10/24 19:26*	*1*
p-Terphenyl-d14 (Surr)	*81*		*31 - 139*	*12/06/24 13:15*	*12/10/24 19:26*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/06/24 13:15*	*12/10/24 19:26*	*1*

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4-Dimethylphenol	ND	F1 F2	0.57	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Chloronaphthalene	ND		0.57	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Methylphenol	ND	F2	0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
3,3'-Dichlorobenzidine	ND		2.9	0.61	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
3/4-Methylphenol	ND	F2	1.1	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzidine	ND	*1 F1	5.7	0.66	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzo[b]fluoranthene	ND		0.57	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzoic acid	ND	F1	2.9	0.77	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Chrysene	ND		0.57	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	0.57	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 13:32	12/11/24 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 134*	*12/06/24 13:32*	*12/11/24 12:39*	*1*
2-Fluorobiphenyl (Surr)	*66*		*14 - 142*	*12/06/24 13:32*	*12/11/24 12:39*	*1*
2-Fluorophenol (Surr)	*59*		*10 - 123*	*12/06/24 13:32*	*12/11/24 12:39*	*1*
Nitrobenzene-d5 (Surr)	*58*		*10 - 129*	*12/06/24 13:32*	*12/11/24 12:39*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-18
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*58*		*31 - 139*	*12/06/24 13:32*	*12/11/24 12:39*	*1*
Phenol-d6 (Surr)	*60*		*10 - 120*	*12/06/24 13:32*	*12/11/24 12:39*	*1*

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
1,2-Dichlorobenzene	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
1,3-Dichlorobenzene	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
1,4-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4,5-Trichlorophenol	ND		0.55	0.22	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4-Dichlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,4-Dinitrotoluene	ND		0.55	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2,6-Dinitrotoluene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
3,3'-Dichlorobenzidine	ND		2.8	0.59	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Bromophenyl phenyl ether	ND		0.55	0.081	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Chloroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
4-Nitrophenol	ND		0.55	0.35	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Aniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzo[a]anthracene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzo[b]fluoranthene	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzo[g,h,i]perylene	ND		0.55	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzoic acid	ND		2.8	0.74	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Chrysene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Dibenz(a,h)anthracene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Di-n-octyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Hexachlorocyclopentadiene	ND		1.7	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Isophorone	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
N-Nitrosodimethylamine	ND		0.55	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Pentachlorophenol	ND		2.8	2.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Phenanthrene	ND		0.55	0.080	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/06/24 13:32*	*12/11/24 13:02*	*1*
2-Fluorobiphenyl (Surr)	*79*		*14 - 142*	*12/06/24 13:32*	*12/11/24 13:02*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 123*	*12/06/24 13:32*	*12/11/24 13:02*	*1*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/06/24 13:32*	*12/11/24 13:02*	*1*
p-Terphenyl-d14 (Surr)	*62*		*31 - 139*	*12/06/24 13:32*	*12/11/24 13:02*	*1*
Phenol-d6 (Surr)	*71*		*10 - 120*	*12/06/24 13:32*	*12/11/24 13:02*	*1*

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
1,2-Dichlorobenzene	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
1,3-Dichlorobenzene	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
1,4-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,4,5-Trichlorophenol	ND		0.55	0.22	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,4-Dichlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,4-Dinitrotoluene	ND		0.55	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2,6-Dinitrotoluene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Chloronaphthalene	ND		0.55	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
3,3'-Dichlorobenzidine	ND		2.8	0.59	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Bromophenyl phenyl ether	ND		0.55	0.081	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Chloroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
4-Nitrophenol	ND		0.55	0.35	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Acenaphthene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Aniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Anthracene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzo[a]anthracene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzo[b]fluoranthene	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzo[g,h,i]perylene	ND		0.55	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzoic acid	ND		2.8	0.74	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Chrysene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Dibenz(a,h)anthracene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Di-n-octyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Hexachlorocyclopentadiene	ND		1.7	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Isophorone	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
N-Nitrosodimethylamine	ND		0.55	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Pentachlorophenol	ND		2.8	2.0	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Phenanthrene	ND		0.55	0.080	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 134*	*12/06/24 13:32*	*12/11/24 13:25*	*1*
2-Fluorobiphenyl (Surr)	*81*		*14 - 142*	*12/06/24 13:32*	*12/11/24 13:25*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 123*	*12/06/24 13:32*	*12/11/24 13:25*	*1*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*12/06/24 13:32*	*12/11/24 13:25*	*1*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*	*12/06/24 13:32*	*12/11/24 13:25*	*1*
Phenol-d6 (Surr)	*76*		*10 - 120*	*12/06/24 13:32*	*12/11/24 13:25*	*1*

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
1,2-Dichlorobenzene	ND		0.52	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
1,3-Dichlorobenzene	ND		0.52	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
1,4-Dichlorobenzene	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
1-Methylnaphthalene	ND		0.52	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4,5-Trichlorophenol	ND		0.52	0.20	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4,6-Trichlorophenol	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4-Dichlorophenol	ND		0.52	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4-Dimethylphenol	ND		0.52	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4-Dinitrophenol	ND		2.1	0.95	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,4-Dinitrotoluene	ND		0.52	0.084	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,6-Dichlorophenol	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2,6-Dinitrotoluene	ND		0.52	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Chloronaphthalene	ND		0.52	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Chlorophenol	ND		0.52	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Methylnaphthalene	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Methylphenol	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Nitroaniline	ND		0.52	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
2-Nitrophenol	ND		0.52	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		2.6	0.56	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
3-Nitroaniline	ND		0.52	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4,6-Dinitro-2-methylphenol	ND		2.6	0.98	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Bromophenyl phenyl ether	ND		0.52	0.076	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Chloro-3-methylphenol	ND		0.52	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Chloroaniline	ND		0.52	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Chlorophenyl phenyl ether	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Nitroaniline	ND		0.52	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
4-Nitrophenol	ND		0.52	0.33	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Acenaphthene	ND		0.52	0.082	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Acenaphthylene	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Aniline	ND		0.52	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Anthracene	ND		0.52	0.081	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Azobenzene	ND		0.52	0.081	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzidine	ND	*1	5.2	0.60	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzo[a]anthracene	ND		0.52	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzo[a]pyrene	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzo[b]fluoranthene	ND		0.52	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzo[g,h,i]perylene	ND		0.52	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzo[k]fluoranthene	ND		0.52	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzoic acid	ND		2.6	0.70	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Benzyl alcohol	ND		0.52	0.17	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Bis(2-chloroethoxy)methane	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Bis(2-chloroethyl)ether	ND		2.6	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
bis (2-Chloroisopropyl) ether	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Bis(2-ethylhexyl) phthalate	ND		0.52	0.23	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Butyl benzyl phthalate	ND		0.52	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Chrysene	ND		0.52	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Dibenz(a,h)anthracene	ND		0.52	0.083	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Dibenzofuran	ND		0.52	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Diethyl phthalate	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Dimethyl phthalate	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Di-n-butyl phthalate	ND		0.52	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Di-n-octyl phthalate	ND		0.52	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Fluoranthene	ND		0.52	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Fluorene	ND		0.52	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Hexachloro-1,3-butadiene	ND		0.52	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Hexachlorobenzene	ND		0.52	0.083	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Hexachlorocyclopentadiene	ND		1.6	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Hexachloroethane	ND		0.52	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Indeno[1,2,3-cd]pyrene	ND		0.52	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Isophorone	ND		0.52	0.083	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Naphthalene	ND		0.52	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Nitrobenzene	ND		2.1	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
N-Nitrosodimethylamine	ND		0.52	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
N-Nitrosodi-n-propylamine	ND		0.52	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.52	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Pentachlorophenol	ND		2.6	1.9	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.52	0.075	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Phenol	ND		0.52	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Pyrene	ND		0.52	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1
Pyridine	ND		0.52	0.25	mg/Kg	☼	12/06/24 13:32	12/11/24 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 134*	*12/06/24 13:32*	*12/11/24 13:48*	*1*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*	*12/06/24 13:32*	*12/11/24 13:48*	*1*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/06/24 13:32*	*12/11/24 13:48*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/06/24 13:32*	*12/11/24 13:48*	*1*
p-Terphenyl-d14 (Surr)	*73*		*31 - 139*	*12/06/24 13:32*	*12/11/24 13:48*	*1*
Phenol-d6 (Surr)	*82*		*10 - 120*	*12/06/24 13:32*	*12/11/24 13:48*	*1*

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
1,2-Dichlorobenzene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
1,3-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
1,4-Dichlorobenzene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4,5-Trichlorophenol	ND		0.55	0.21	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4-Dinitrophenol	ND		2.2	0.99	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
3-Nitroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
4-Nitrophenol	ND		0.55	0.34	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzo[b]fluoranthene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzo[g,h,i]perylene	ND		0.55	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Dibenz(a,h)anthracene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Hexachlorobenzene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Hexachlorocyclopentadiene	ND		1.6	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
N-Nitrosodimethylamine	ND		0.55	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
N-Nitrosodi-n-propylamine	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 134*	*12/06/24 13:32*	*12/11/24 14:11*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/06/24 13:32*	*12/11/24 14:11*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 123*	*12/06/24 13:32*	*12/11/24 14:11*	*1*
Nitrobenzene-d5 (Surr)	*63*		*10 - 129*	*12/06/24 13:32*	*12/11/24 14:11*	*1*
p-Terphenyl-d14 (Surr)	*62*		*31 - 139*	*12/06/24 13:32*	*12/11/24 14:11*	*1*
Phenol-d6 (Surr)	*65*		*10 - 120*	*12/06/24 13:32*	*12/11/24 14:11*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
1,2-Dichlorobenzene	ND		0.55	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
1,3-Dichlorobenzene	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
1,4-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4,5-Trichlorophenol	ND		0.55	0.22	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4-Dichlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,4-Dinitrotoluene	ND		0.55	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2,6-Dinitrotoluene	ND		0.55	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Chloronaphthalene	ND		0.55	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
3,3'-Dichlorobenzidine	ND		2.8	0.59	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.0	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Bromophenyl phenyl ether	ND		0.55	0.081	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Chloroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
4-Nitrophenol	ND		0.55	0.35	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Acenaphthene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Aniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Anthracene	ND		0.55	0.086	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Azobenzene	ND		0.55	0.087	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzidine	ND	*1	5.5	0.64	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzo[a]anthracene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzo[b]fluoranthene	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzo[g,h,i]perylene	ND		0.55	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzoic acid	ND		2.8	0.74	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Chrysene	ND		0.55	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Dibenz(a,h)anthracene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Di-n-octyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Hexachlorocyclopentadiene	ND		1.7	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Isophorone	ND		0.55	0.088	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
N-Nitrosodimethylamine	ND		0.55	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.094	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Pentachlorophenol	ND		2.8	2.0	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Phenanthrene	ND		0.55	0.080	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 13:32	12/11/24 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 134*	*12/06/24 13:32*	*12/11/24 14:35*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/06/24 13:32*	*12/11/24 14:35*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 123*	*12/06/24 13:32*	*12/11/24 14:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*10 - 129*	*12/06/24 13:32*	*12/11/24 14:35*	*1*
p-Terphenyl-d14 (Surr)	*62*		*31 - 139*	*12/06/24 13:32*	*12/11/24 14:35*	*1*
Phenol-d6 (Surr)	*68*		*10 - 120*	*12/06/24 13:32*	*12/11/24 14:35*	*1*

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,4-Dinitrotoluene	ND		0.58	0.095	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzidine	ND	*1	5.8	0.67	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzo[b]fluoranthene	ND		0.58	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Chrysene	ND		0.58	0.097	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 13:32	12/11/24 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 134*	*12/06/24 13:32*	*12/11/24 14:58*	*1*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*	*12/06/24 13:32*	*12/11/24 14:58*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 123*	*12/06/24 13:32*	*12/11/24 14:58*	*1*
Nitrobenzene-d5 (Surr)	*74*		*10 - 129*	*12/06/24 13:32*	*12/11/24 14:58*	*1*
p-Terphenyl-d14 (Surr)	*68*		*31 - 139*	*12/06/24 13:32*	*12/11/24 14:58*	*1*
Phenol-d6 (Surr)	*71*		*10 - 120*	*12/06/24 13:32*	*12/11/24 14:58*	*1*

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.8	0.75	ug/L		12/06/24 05:02	12/09/24 18:35	1
1,2-Dichlorobenzene	ND		9.8	0.58	ug/L		12/06/24 05:02	12/09/24 18:35	1
1,3-Dichlorobenzene	ND		9.8	0.74	ug/L		12/06/24 05:02	12/09/24 18:35	1
1,4-Dichlorobenzene	ND		9.8	0.69	ug/L		12/06/24 05:02	12/09/24 18:35	1
1-Methylnaphthalene	ND		9.8	0.93	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4,5-Trichlorophenol	ND		9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4,6-Trichlorophenol	ND		9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4-Dichlorophenol	ND		9.8	1.3	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4-Dimethylphenol	ND		9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4-Dinitrophenol	ND		49	13	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,4-Dinitrotoluene	ND	*1	9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,6-Dichlorophenol	ND		9.8	1.5	ug/L		12/06/24 05:02	12/09/24 18:35	1
2,6-Dinitrotoluene	ND		9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Chloronaphthalene	ND		9.8	0.68	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Chlorophenol	ND		9.8	0.93	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Methylnaphthalene	ND		9.8	0.86	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Methylphenol	ND		9.8	0.78	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Nitroaniline	ND		9.8	1.3	ug/L		12/06/24 05:02	12/09/24 18:35	1
2-Nitrophenol	ND	*1	9.8	2.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
3,3'-Dichlorobenzidine	ND	*1	9.8	2.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
3/4-Methylphenol	ND		9.8	0.74	ug/L		12/06/24 05:02	12/09/24 18:35	1
3-Nitroaniline	ND		9.8	1.8	ug/L		12/06/24 05:02	12/09/24 18:35	1
4,6-Dinitro-2-methylphenol	ND		49	11	ug/L		12/06/24 05:02	12/09/24 18:35	1
4-Bromophenyl phenyl ether	ND	*1	9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
4-Chloro-3-methylphenol	ND		9.8	1.4	ug/L		12/06/24 05:02	12/09/24 18:35	1
4-Chloroaniline	ND	*1	9.8	0.90	ug/L		12/06/24 05:02	12/09/24 18:35	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND	*1	9.8	1.0	ug/L		12/06/24 05:02	12/09/24 18:35	1
4-Nitroaniline	ND		9.8	2.6	ug/L		12/06/24 05:02	12/09/24 18:35	1
4-Nitrophenol	ND		9.8	3.6	ug/L		12/06/24 05:02	12/09/24 18:35	1
Acenaphthene	ND	*1	9.8	0.89	ug/L		12/06/24 05:02	12/09/24 18:35	1
Acenaphthylene	ND	*1	9.8	0.85	ug/L		12/06/24 05:02	12/09/24 18:35	1
Aniline	ND	*1	9.8	0.77	ug/L		12/06/24 05:02	12/09/24 18:35	1
Anthracene	ND		9.8	0.96	ug/L		12/06/24 05:02	12/09/24 18:35	1
Azobenzene	ND	*1	9.8	0.72	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzidine	ND	*1	49	11	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzo[a]anthracene	ND	*1	9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzo[a]pyrene	ND		9.8	1.9	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzo[b]fluoranthene	ND		9.8	1.7	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzo[g,h,i]perylene	ND	*1	9.8	1.9	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzo[k]fluoranthene	ND		9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzoic acid	ND	*1	49	14	ug/L		12/06/24 05:02	12/09/24 18:35	1
Benzyl alcohol	ND		9.8	2.5	ug/L		12/06/24 05:02	12/09/24 18:35	1
Bis(2-chloroethoxy)methane	ND		9.8	0.99	ug/L		12/06/24 05:02	12/09/24 18:35	1
Bis(2-chloroethyl)ether	ND		24	7.5	ug/L		12/06/24 05:02	12/09/24 18:35	1
bis (2-Chloroisopropyl) ether	ND		9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Bis(2-ethylhexyl) phthalate	ND	*1	9.8	4.8	ug/L		12/06/24 05:02	12/09/24 18:35	1
Butyl benzyl phthalate	ND		9.8	4.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
Chrysene	ND	*1	9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Dibenz(a,h)anthracene	ND	*1	9.8	1.8	ug/L		12/06/24 05:02	12/09/24 18:35	1
Dibenzofuran	ND	*1	9.8	1.0	ug/L		12/06/24 05:02	12/09/24 18:35	1
Diethyl phthalate	ND	*1	9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
Dimethyl phthalate	ND		9.8	0.91	ug/L		12/06/24 05:02	12/09/24 18:35	1
Di-n-butyl phthalate	ND	*1	9.8	1.4	ug/L		12/06/24 05:02	12/09/24 18:35	1
Di-n-octyl phthalate	ND	*1	9.8	4.5	ug/L		12/06/24 05:02	12/09/24 18:35	1
Fluoranthene	ND	*1	9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
Fluorene	ND		9.8	0.91	ug/L		12/06/24 05:02	12/09/24 18:35	1
Hexachloro-1,3-butadiene	ND		9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
Hexachlorobenzene	ND		9.8	0.87	ug/L		12/06/24 05:02	12/09/24 18:35	1
Hexachlorocyclopentadiene	ND		24	2.9	ug/L		12/06/24 05:02	12/09/24 18:35	1
Hexachloroethane	ND		9.8	0.87	ug/L		12/06/24 05:02	12/09/24 18:35	1
Indeno[1,2,3-cd]pyrene	ND		9.8	3.0	ug/L		12/06/24 05:02	12/09/24 18:35	1
Isophorone	ND	*1	9.8	1.4	ug/L		12/06/24 05:02	12/09/24 18:35	1
Naphthalene	ND		9.8	3.5	ug/L		12/06/24 05:02	12/09/24 18:35	1
Nitrobenzene	ND		24	7.3	ug/L		12/06/24 05:02	12/09/24 18:35	1
N-Nitrosodimethylamine	ND		9.8	0.73	ug/L		12/06/24 05:02	12/09/24 18:35	1
N-Nitrosodi-n-propylamine	ND	*1	9.8	1.0	ug/L		12/06/24 05:02	12/09/24 18:35	1
n-Nitrosodiphenylamine(as diphenylamine)	ND	*1	9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Pentachlorophenol	ND	*1	9.8	4.7	ug/L		12/06/24 05:02	12/09/24 18:35	1
Phenanthrene	ND	*1	9.8	1.1	ug/L		12/06/24 05:02	12/09/24 18:35	1
Phenol	ND		9.8	0.41	ug/L		12/06/24 05:02	12/09/24 18:35	1
Pyrene	ND		9.8	1.2	ug/L		12/06/24 05:02	12/09/24 18:35	1
Pyridine	ND	*- *1	9.8	1.4	ug/L		12/06/24 05:02	12/09/24 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*27 - 140*	*12/06/24 05:02*	*12/09/24 18:35*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		28 - 120	12/06/24 05:02	12/09/24 18:35	1
2-Fluorophenol (Surr)	33		20 - 120	12/06/24 05:02	12/09/24 18:35	1
Nitrobenzene-d5 (Surr)	48		31 - 120	12/06/24 05:02	12/09/24 18:35	1
p-Terphenyl-d14 (Surr)	97		45 - 136	12/06/24 05:02	12/09/24 18:35	1
Phenol-d6 (Surr)	20		20 - 120	12/06/24 05:02	12/09/24 18:35	1

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/05/24 17:00	12/08/24 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*	*12/05/24 17:00*	*12/08/24 02:05*	*1*

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.061**	**J**	0.12	0.052	mg/Kg	☼	12/05/24 17:00	12/10/24 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/05/24 17:00*	*12/10/24 15:43*	*1*

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.15	0.065	mg/Kg	☼	12/05/24 17:00	12/10/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*45*		*42 - 126*	*12/05/24 17:00*	*12/10/24 16:07*	*1*

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.050	mg/Kg	☼	12/05/24 17:00	12/10/24 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*12/05/24 17:00*	*12/10/24 16:31*	*1*

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.051	mg/Kg	☼	12/05/24 17:00	12/10/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*12/05/24 17:00*	*12/10/24 16:55*	*1*

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg	☼	12/05/24 17:00	12/08/24 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*42 - 126*	*12/05/24 17:00*	*12/08/24 18:56*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.054	mg/Kg	☼	12/05/24 17:00	12/08/24 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*42 - 126*	*12/05/24 17:00*	*12/08/24 18:37*	*1*

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.055	mg/Kg	☼	12/05/24 17:00	12/08/24 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*	*12/05/24 17:00*	*12/08/24 18:18*	*1*

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/05/24 17:00	12/08/24 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*42 - 126*	*12/05/24 17:00*	*12/08/24 17:59*	*1*

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/05/24 17:00	12/08/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*	*12/05/24 17:00*	*12/08/24 17:40*	*1*

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.13	0.056	mg/Kg	☼	12/05/24 17:00	12/08/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*42 - 126*	*12/05/24 17:00*	*12/08/24 17:22*	*1*

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.14	0.061	mg/Kg	☼	12/05/24 17:00	12/08/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*42 - 126*	*12/05/24 17:00*	*12/08/24 17:03*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.049	mg/Kg	☼	12/05/24 17:00	12/08/24 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*12/05/24 17:00*	*12/08/24 12:46*	*1*

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.051	mg/Kg	☼	12/05/24 17:00	12/08/24 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*42 - 126*	*12/05/24 17:00*	*12/08/24 13:04*	*1*

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.052	mg/Kg	☼	12/05/24 17:00	12/08/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*	*12/05/24 17:00*	*12/08/24 13:23*	*1*

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.054	mg/Kg	☼	12/05/24 17:00	12/08/24 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*	*12/05/24 17:00*	*12/08/24 13:42*	*1*

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.098	0.043	mg/Kg	☼	12/05/24 17:00	12/08/24 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*42 - 126*	*12/05/24 17:00*	*12/08/24 14:01*	*1*

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/05/24 17:00	12/08/24 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*42 - 126*	*12/05/24 17:00*	*12/08/24 14:19*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/05/24 17:00	12/08/24 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*42 - 126*	*12/05/24 17:00*	*12/08/24 14:38*	*1*

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.095	0.042	mg/Kg	☼	12/05/24 17:00	12/08/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*	*12/05/24 17:00*	*12/08/24 14:57*	*1*

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.054	mg/Kg	☼	12/05/24 17:01	12/08/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*	*12/05/24 17:01*	*12/08/24 15:16*	*1*

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.045	mg/Kg	☼	12/05/24 17:01	12/08/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*	*12/05/24 17:01*	*12/08/24 15:35*	*1*

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091	0.040	mg/Kg	☼	12/05/24 17:01	12/08/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*42 - 126*	*12/05/24 17:01*	*12/08/24 16:25*	*1*

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.052	mg/Kg	☼	12/05/24 17:01	12/08/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*42 - 126*	*12/05/24 17:01*	*12/08/24 16:44*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*20 - 144*		*12/10/24 20:50*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	12		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/07/24 22:05	1
C23-C40	28		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/07/24 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/07/24 10:53*	*12/07/24 22:05*	*1*

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	16		5.7	5.2	mg/Kg	☼	12/07/24 10:53	12/07/24 22:26	1
C23-C40	31		5.7	5.2	mg/Kg	☼	12/07/24 10:53	12/07/24 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*12/07/24 10:53*	*12/07/24 22:26*	*1*

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.9	5.4	mg/Kg	☼	12/07/24 10:53	12/07/24 22:47	1
C23-C40	ND		5.9	5.4	mg/Kg	☼	12/07/24 10:53	12/07/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*12/07/24 10:53*	*12/07/24 22:47*	*1*

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	5.5	J	5.6	5.2	mg/Kg	☼	12/07/24 10:53	12/07/24 23:08	1
C23-C40	22		5.6	5.2	mg/Kg	☼	12/07/24 10:53	12/07/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/07/24 10:53*	*12/07/24 23:08*	*1*

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.1	mg/Kg	☼	12/07/24 10:53	12/07/24 23:29	1
C23-C40	13		5.5	5.1	mg/Kg	☼	12/07/24 10:53	12/07/24 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/07/24 10:53*	*12/07/24 23:29*	*1*

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.1	5.6	mg/Kg	☼	12/07/24 10:53	12/07/24 23:50	1
C23-C40	ND		6.1	5.6	mg/Kg	☼	12/07/24 10:53	12/07/24 23:50	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/07/24 10:53	12/07/24 23:50	1

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 00:11	1
C23-C40	ND		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/07/24 10:53	12/08/24 00:11	1

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 00:33	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	91		60 - 138	12/07/24 10:53	12/08/24 00:33	1

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.9	5.4	mg/Kg	☼	12/07/24 10:53	12/08/24 00:54	1
C23-C40	ND		5.9	5.4	mg/Kg	☼	12/07/24 10:53	12/08/24 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/07/24 10:53	12/08/24 00:54	1

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.2	mg/Kg	☼	12/07/24 10:53	12/08/24 01:15	1
C23-C40	**6.2**		5.7	5.2	mg/Kg	☼	12/07/24 10:53	12/08/24 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/07/24 10:53	12/08/24 01:15	1

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/07/24 10:53	12/08/24 01:36	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/07/24 10:53	12/08/24 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	12/07/24 10:53	12/08/24 01:36	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		7.2	6.6	mg/Kg	☼	12/07/24 10:53	12/08/24 01:57	1
C23-C40	ND		7.2	6.6	mg/Kg	☼	12/07/24 10:53	12/08/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*12/07/24 10:53*	*12/08/24 01:57*	*1*

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 02:19	1
C23-C40	**27**		5.4	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/07/24 10:53*	*12/08/24 02:19*	*1*

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.0	5.5	mg/Kg	☼	12/07/24 10:53	12/08/24 02:40	1
C23-C40	ND		6.0	5.5	mg/Kg	☼	12/07/24 10:53	12/08/24 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*12/07/24 10:53*	*12/08/24 02:40*	*1*

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/07/24 10:53	12/08/24 03:01	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/07/24 10:53	12/08/24 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*12/07/24 10:53*	*12/08/24 03:01*	*1*

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 03:43	1
C23-C40	**16**		5.5	5.0	mg/Kg	☼	12/07/24 10:53	12/08/24 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*12/07/24 10:53*	*12/08/24 03:43*	*1*

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.1	mg/Kg	☼	12/07/24 10:53	12/08/24 04:05	1
C23-C40	ND		5.5	5.1	mg/Kg	☼	12/07/24 10:53	12/08/24 04:05	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	12/07/24 10:53	12/08/24 04:05	1

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.1	mg/Kg	☼	12/07/24 11:01	12/08/24 09:08	1
C23-C40	ND		5.5	5.1	mg/Kg	☼	12/07/24 11:01	12/08/24 09:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89		60 - 138	12/07/24 11:01	12/08/24 09:08	1

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	17		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 09:35	1
C23-C40	76		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	12/07/24 11:01	12/08/24 09:35	1

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 10:02	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 10:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	92		60 - 138	12/07/24 11:01	12/08/24 10:02	1

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.1	4.7	mg/Kg	☼	12/07/24 11:01	12/08/24 10:29	1
C23-C40	ND		5.1	4.7	mg/Kg	☼	12/07/24 11:01	12/08/24 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	95		60 - 138	12/07/24 11:01	12/08/24 10:29	1

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	4.9	mg/Kg	☼	12/07/24 11:01	12/08/24 10:55	1
C23-C40	23		5.4	4.9	mg/Kg	☼	12/07/24 11:01	12/08/24 10:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		60 - 138	12/07/24 11:01	12/08/24 10:55	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 11:22	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/07/24 11:01	12/08/24 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 138*	*12/07/24 11:01*	*12/08/24 11:22*	*1*

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.2	mg/Kg	☼	12/07/24 11:01	12/08/24 11:49	1
C23-C40	ND		5.6	5.2	mg/Kg	☼	12/07/24 11:01	12/08/24 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*12/07/24 11:01*	*12/08/24 11:49*	*1*

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		48	40	ug/L		12/05/24 18:19	12/07/24 06:02	1
C23-C40	ND		48	40	ug/L		12/05/24 18:19	12/07/24 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*53 - 151*	*12/05/24 18:19*	*12/07/24 06:02*	*1*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.94	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Arsenic	**5.72**		3.15	2.04	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Barium	**97.9**		2.10	0.310	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Beryllium	**0.609**		0.420	0.0988	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Cadmium	ND		0.420	0.161	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Chromium	**22.9**		1.05	0.558	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Cobalt	**9.12**		2.10	0.448	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Copper	**13.3**		2.10	0.598	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Lead	**6.56**		2.10	1.39	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Molybdenum	ND		4.20	1.03	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Nickel	**17.6**		2.10	1.19	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Selenium	ND		3.15	1.65	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Silver	ND		2.10	0.447	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Thallium	ND		10.5	3.00	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Vanadium	**43.9**		4.20	0.920	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2
Zinc	**49.0**		4.20	1.71	mg/Kg	☼	12/09/24 11:54	12/10/24 22:17	2

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.8	6.13	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Arsenic	**6.43**		3.25	2.10	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Barium	**133**		2.17	0.319	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Beryllium	**0.888**		0.433	0.102	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Cadmium	ND		0.433	0.166	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Chromium	**28.8**		1.08	0.575	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Cobalt	**10.1**		2.17	0.461	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Copper	**18.0**		2.17	0.616	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Lead	**7.73**		2.17	1.43	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Molybdenum	ND		4.33	1.06	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Nickel	**19.2**		2.17	1.23	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Selenium	ND		3.25	1.70	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Silver	ND		2.17	0.460	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Thallium	ND		10.8	3.09	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Vanadium	**51.8**		4.33	0.948	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2
Zinc	**63.0**		4.33	1.77	mg/Kg	☼	12/09/24 11:54	12/10/24 22:26	2

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.20	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Arsenic	**4.97**		3.29	2.13	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Barium	**111**		2.19	0.323	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Beryllium	**0.723**		0.438	0.103	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Cadmium	**0.197**	**J**	0.438	0.168	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Chromium	**22.4**		1.10	0.581	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Cobalt	**8.52**		2.19	0.466	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Copper	**21.4**		2.19	0.623	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.62**		2.19	1.45	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Molybdenum	ND		4.38	1.07	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Nickel	**16.6**		2.19	1.24	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Selenium	ND		3.29	1.71	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Silver	ND		2.19	0.465	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Thallium	ND		11.0	3.13	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Vanadium	**48.6**		4.38	0.959	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2
Zinc	**61.4**		4.38	1.79	mg/Kg	☼	12/09/24 11:54	12/10/24 22:28	2

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	6.66	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Arsenic	**5.30**		3.53	2.29	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Barium	**104**		2.36	0.347	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Beryllium	**0.754**		0.471	0.111	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Cadmium	ND		0.471	0.180	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Chromium	**25.8**		1.18	0.625	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Cobalt	**9.47**		2.36	0.502	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Copper	**14.6**		2.36	0.670	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Lead	**7.63**		2.36	1.56	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Molybdenum	ND		4.71	1.15	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Nickel	**19.4**		2.36	1.34	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Selenium	ND		3.53	1.84	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Silver	ND		2.36	0.501	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Thallium	ND		11.8	3.36	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Vanadium	**48.5**		4.71	1.03	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2
Zinc	**52.7**		4.71	1.92	mg/Kg	☼	12/09/24 11:54	12/10/24 22:35	2

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.51	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Arsenic	**8.81**		3.45	2.23	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Barium	**78.8**		2.30	0.339	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Beryllium	**0.920**		0.460	0.108	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Cadmium	ND		0.460	0.176	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Chromium	**30.5**		1.15	0.611	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Cobalt	**12.1**		2.30	0.490	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Copper	**19.1**		2.30	0.654	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Lead	**8.51**		2.30	1.52	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Molybdenum	ND		4.60	1.13	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Nickel	**22.1**		2.30	1.31	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Selenium	ND		3.45	1.80	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Silver	ND		2.30	0.489	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Thallium	ND		11.5	3.28	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Vanadium	**56.6**		4.60	1.01	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2
Zinc	**66.0**		4.60	1.88	mg/Kg	☼	12/09/24 11:54	12/10/24 22:37	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.46	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Arsenic	ND		3.42	2.21	mg/Kg	☼	12/09/24 11:54	12/12/24 15:13	2
Barium	**86.7**		2.28	0.337	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Beryllium	**0.571**		0.456	0.107	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Cadmium	ND		0.456	0.175	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Chromium	**20.0**		1.14	0.606	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Cobalt	**8.06**		2.28	0.486	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Copper	**14.4**		2.28	0.649	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Lead	**6.34**		2.28	1.51	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Nickel	**15.0**		2.28	1.30	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Selenium	ND		3.42	1.79	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Silver	ND		2.28	0.485	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Thallium	ND		11.4	3.26	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Vanadium	**44.9**		4.56	1.00	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2
Zinc	**55.0**		4.56	1.86	mg/Kg	☼	12/09/24 11:54	12/10/24 22:40	2

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.7	6.07	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Arsenic	**4.59**		3.22	2.08	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Barium	**103**		2.14	0.316	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Beryllium	**0.622**		0.429	0.101	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Cadmium	ND		0.429	0.164	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Chromium	**24.0**		1.07	0.569	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Cobalt	**9.97**		2.14	0.457	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Copper	**15.1**		2.14	0.610	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Lead	**6.95**		2.14	1.42	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Molybdenum	ND		4.29	1.05	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Nickel	**16.6**		2.14	1.22	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Selenium	ND		3.22	1.68	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Silver	ND		2.14	0.456	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Thallium	ND		10.7	3.06	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Vanadium	**45.8**		4.29	0.939	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2
Zinc	**43.5**		4.29	1.75	mg/Kg	☼	12/09/24 11:54	12/10/24 22:42	2

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.3	6.38	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Arsenic	**6.74**		3.38	2.19	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Barium	**72.8**		2.26	0.333	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Beryllium	**0.970**		0.451	0.106	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Cadmium	ND		0.451	0.173	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Chromium	**29.2**		1.13	0.599	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Cobalt	**9.54**		2.26	0.480	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Copper	**17.1**		2.26	0.642	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.61**		2.26	1.49	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Molybdenum	ND		4.51	1.11	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Nickel	**19.2**		2.26	1.28	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Selenium	ND		3.38	1.77	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Silver	ND		2.26	0.479	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Thallium	ND		11.3	3.22	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Vanadium	**56.5**		4.51	0.988	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2
Zinc	**59.4**		4.51	1.84	mg/Kg	☼	12/09/24 11:54	12/10/24 22:44	2

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.1	6.85	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Arsenic	**7.19**		3.63	2.35	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Barium	**103**		2.42	0.357	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Beryllium	**0.799**		0.484	0.114	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Cadmium	**0.218**	**J**	0.484	0.185	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Chromium	**26.1**		1.21	0.643	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Cobalt	**10.9**		2.42	0.516	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Copper	**22.1**		2.42	0.689	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Lead	**8.45**		2.42	1.60	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Molybdenum	ND		4.84	1.19	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Nickel	**21.7**		2.42	1.38	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Selenium	ND		3.63	1.90	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Silver	ND		2.42	0.515	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Thallium	ND		12.1	3.46	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Vanadium	**51.2**		4.84	1.06	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2
Zinc	**72.1**		4.84	1.98	mg/Kg	☼	12/09/24 11:54	12/10/24 22:47	2

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.52	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Arsenic	**2.97**	**J**	3.46	2.24	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Barium	**70.3**		2.31	0.340	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Beryllium	**0.484**		0.461	0.108	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Cadmium	ND		0.461	0.176	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Chromium	**19.3**		1.15	0.612	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Cobalt	**7.33**		2.31	0.491	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Copper	**13.5**		2.31	0.656	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Lead	**5.83**		2.31	1.53	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Molybdenum	ND		4.61	1.13	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Nickel	**10.3**		2.31	1.31	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Selenium	ND		3.46	1.81	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Silver	ND		2.31	0.490	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Thallium	ND		11.5	3.29	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Vanadium	**36.7**		4.61	1.01	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2
Zinc	**37.8**		4.61	1.88	mg/Kg	☼	12/09/24 11:54	12/10/24 22:49	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.25	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Arsenic	**6.80**		3.31	2.14	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Barium	**86.1**		2.21	0.326	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Beryllium	**1.02**		0.442	0.104	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Cadmium	ND		0.442	0.169	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Chromium	**30.2**		1.10	0.586	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Cobalt	**13.5**		2.21	0.470	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Copper	**18.4**		2.21	0.628	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Lead	**9.49**		2.21	1.46	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Molybdenum	ND		4.42	1.08	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Nickel	**20.6**		2.21	1.25	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Selenium	ND		3.31	1.73	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Silver	ND		2.21	0.469	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Thallium	ND		11.0	3.15	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Vanadium	**59.0**		4.42	0.967	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2
Zinc	**64.5**		4.42	1.80	mg/Kg	☼	12/09/24 11:54	12/10/24 22:51	2

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.3	7.50	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Arsenic	**4.67**		3.98	2.57	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Barium	**95.3**		2.65	0.391	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Beryllium	**0.663**		0.530	0.125	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Cadmium	ND		0.530	0.203	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Chromium	**22.8**		1.33	0.704	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Cobalt	**8.94**		2.65	0.565	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Copper	**16.8**		2.65	0.754	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Lead	**6.87**		2.65	1.75	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Molybdenum	ND		5.30	1.30	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Nickel	**17.4**		2.65	1.51	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Selenium	ND		3.98	2.08	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Silver	ND		2.65	0.564	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Thallium	ND		13.3	3.79	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Vanadium	**44.5**		5.30	1.16	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2
Zinc	**59.0**		5.30	2.16	mg/Kg	☼	12/09/24 11:54	12/10/24 22:54	2

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.3	5.80	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Arsenic	**4.06**		3.08	1.99	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Barium	**65.3**		2.05	0.303	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Beryllium	**0.451**		0.410	0.0964	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Cadmium	ND		0.410	0.157	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Chromium	**17.5**		1.03	0.545	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Cobalt	**11.0**		2.05	0.437	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Copper	**9.89**		2.05	0.584	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.31**		2.05	1.36	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Molybdenum	ND		4.10	1.01	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Nickel	**9.15**		2.05	1.17	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Selenium	ND		3.08	1.61	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Silver	ND		2.05	0.436	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Thallium	ND		10.3	2.93	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Vanadium	**33.1**		4.10	0.899	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2
Zinc	**34.3**		4.10	1.67	mg/Kg	☼	12/09/24 11:54	12/10/24 22:56	2

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.7	7.21	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Arsenic	**5.20**		3.82	2.47	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Barium	**84.1**		2.55	0.376	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Beryllium	**0.688**		0.510	0.120	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Cadmium	ND		0.510	0.195	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Chromium	**21.5**		1.27	0.677	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Cobalt	**12.5**		2.55	0.543	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Copper	**12.3**		2.55	0.725	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Lead	**6.30**		2.55	1.69	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Molybdenum	ND		5.10	1.25	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Nickel	**17.5**		2.55	1.45	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Selenium	**2.45**	**J**	3.82	2.00	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Silver	ND		2.55	0.542	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Thallium	ND		12.7	3.64	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Vanadium	**42.5**		5.10	1.12	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2
Zinc	**47.2**		5.10	2.08	mg/Kg	☼	12/09/24 11:54	12/10/24 23:03	2

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	6.81	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Arsenic	**11.2**		3.61	2.34	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Barium	**84.6**		2.41	0.355	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Beryllium	**0.939**		0.482	0.113	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Cadmium	ND		0.482	0.184	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Chromium	**26.1**		1.20	0.639	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Cobalt	**11.4**		2.41	0.513	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Copper	**26.2**		2.41	0.685	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Lead	**10.3**		2.41	1.59	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Molybdenum	ND		4.82	1.18	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Nickel	**22.9**		2.41	1.37	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Selenium	ND		3.61	1.89	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Silver	ND		2.41	0.512	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Thallium	ND		12.0	3.44	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Vanadium	**51.5**		4.82	1.05	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2
Zinc	**80.8**		4.82	1.97	mg/Kg	☼	12/09/24 11:54	12/10/24 23:05	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.8	6.10	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Arsenic	**4.79**		3.24	2.09	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Barium	**97.0**		2.16	0.318	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Beryllium	**0.539**		0.432	0.101	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Cadmium	ND		0.432	0.165	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Chromium	**19.1**		1.08	0.573	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Cobalt	**7.36**		2.16	0.460	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Copper	**11.1**		2.16	0.614	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Lead	**5.78**		2.16	1.43	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Molybdenum	ND		4.32	1.06	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Nickel	**16.8**		2.16	1.23	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Selenium	ND		3.24	1.69	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Silver	ND		2.16	0.458	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Thallium	ND		10.8	3.08	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Vanadium	**36.0**		4.32	0.945	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2
Zinc	**42.7**		4.32	1.76	mg/Kg	☼	12/09/24 11:54	12/10/24 23:07	2

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.47	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Arsenic	**3.73**		3.43	2.22	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Barium	**99.4**		2.29	0.338	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Beryllium	**0.481**		0.458	0.108	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Cadmium	ND		0.458	0.175	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Chromium	**16.0**		1.14	0.608	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Cobalt	**6.11**		2.29	0.487	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Copper	**9.68**		2.29	0.651	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Lead	**4.62**		2.29	1.51	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Molybdenum	ND		4.58	1.12	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Nickel	**10.4**		2.29	1.30	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Selenium	ND		3.43	1.79	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Silver	ND		2.29	0.486	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Thallium	ND		11.4	3.27	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Vanadium	**32.3**		4.58	1.00	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2
Zinc	**37.1**		4.58	1.87	mg/Kg	☼	12/09/24 11:54	12/10/24 23:10	2

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.50	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Arsenic	**8.70**		3.44	2.23	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Barium	**132**		2.30	0.339	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Beryllium	**0.666**		0.459	0.108	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Cadmium	ND		0.459	0.176	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Chromium	**21.7**		1.15	0.610	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Cobalt	**10.1**		2.30	0.489	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Copper	**15.6**		2.30	0.653	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.66**		2.30	1.52	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Molybdenum	ND		4.59	1.13	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Nickel	**16.9**		2.30	1.30	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Selenium	ND		3.44	1.80	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Silver	ND		2.30	0.488	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Thallium	ND		11.5	3.28	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Vanadium	**45.3**		4.59	1.01	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2
Zinc	**62.6**		4.59	1.87	mg/Kg	☼	12/09/24 11:54	12/10/24 23:12	2

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.46	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Arsenic	**2.21**	**J**	3.42	2.21	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Barium	**47.0**		2.28	0.337	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Beryllium	**0.365**	**J**	0.456	0.107	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Cadmium	ND		0.456	0.175	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Chromium	**14.6**		1.14	0.606	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Cobalt	**3.58**		2.28	0.486	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Copper	**12.1**		2.28	0.649	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Lead	**5.66**		2.28	1.51	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Nickel	**7.26**		2.28	1.30	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Selenium	ND		3.42	1.79	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Silver	ND		2.28	0.485	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Thallium	ND		11.4	3.26	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Vanadium	**28.0**		4.56	0.999	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2
Zinc	**183**		4.56	1.86	mg/Kg	☼	12/09/24 11:54	12/10/24 23:14	2

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.8	6.11	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Arsenic	**3.11**	**J**	3.24	2.10	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Barium	**70.0**		2.16	0.319	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Beryllium	**0.497**		0.432	0.102	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Cadmium	ND		0.432	0.165	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Chromium	**20.0**		1.08	0.574	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Cobalt	**5.86**		2.16	0.460	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Copper	**9.23**		2.16	0.615	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Lead	**5.47**		2.16	1.43	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Molybdenum	ND		4.32	1.06	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Nickel	**10.9**		2.16	1.23	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Selenium	ND		3.24	1.69	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Silver	ND		2.16	0.459	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Thallium	ND		10.8	3.09	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Vanadium	**33.9**		4.32	0.947	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2
Zinc	**37.1**		4.32	1.76	mg/Kg	☼	12/09/24 11:54	12/10/24 23:17	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.6	6.02	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Arsenic	**4.87**		3.19	2.06	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Barium	**32.6**		2.13	0.314	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Beryllium	**0.277**	**J**	0.426	0.100	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Cadmium	ND		0.426	0.163	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Chromium	**11.3**		1.06	0.565	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Cobalt	**4.15**		2.13	0.453	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Copper	**6.47**		2.13	0.605	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Lead	**3.32**		2.13	1.41	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Molybdenum	ND		4.26	1.04	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Nickel	**7.68**		2.13	1.21	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Selenium	**1.70**	**J**	3.19	1.67	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Silver	ND		2.13	0.452	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Thallium	ND		10.6	3.04	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Vanadium	**28.5**		4.26	0.932	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2
Zinc	**25.8**		4.26	1.74	mg/Kg	☼	12/09/24 11:48	12/10/24 15:15	2

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.24	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Arsenic	**3.11**	**J**	3.31	2.14	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Barium	**87.1**		2.21	0.326	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Beryllium	**0.419**	**J**	0.441	0.104	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Cadmium	ND		0.441	0.169	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Chromium	**16.4**		1.10	0.586	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Cobalt	**7.72**		2.21	0.470	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Copper	**8.50**		2.21	0.628	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Lead	**6.07**		2.21	1.46	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Molybdenum	ND		4.41	1.08	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Nickel	**8.98**		2.21	1.25	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Selenium	ND		3.31	1.73	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Silver	ND		2.21	0.469	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Thallium	ND		11.0	3.15	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Vanadium	**30.4**		4.41	0.967	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2
Zinc	**31.5**		4.41	1.80	mg/Kg	☼	12/09/24 11:48	12/10/24 15:22	2

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.96	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Arsenic	**2.63**	**J**	3.16	2.05	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Barium	**47.1**		2.11	0.311	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Beryllium	**0.443**		0.422	0.0991	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Cadmium	ND		0.422	0.161	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Chromium	**15.7**		1.05	0.560	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Cobalt	**6.18**		2.11	0.449	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Copper	**9.23**		2.11	0.600	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**4.51**		2.11	1.39	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Molybdenum	ND		4.22	1.03	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Nickel	**9.32**		2.11	1.20	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Selenium	ND		3.16	1.65	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Silver	ND		2.11	0.448	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Thallium	ND		10.5	3.01	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Vanadium	**32.2**		4.22	0.923	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2
Zinc	**32.0**		4.22	1.72	mg/Kg	☼	12/09/24 11:48	12/10/24 15:24	2

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.31	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Arsenic	**11.3**		3.35	2.16	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Barium	**90.7**		2.23	0.329	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Beryllium	**0.714**		0.446	0.105	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Cadmium	ND		0.446	0.171	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Chromium	**22.6**		1.12	0.592	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Cobalt	**10.6**		2.23	0.475	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Copper	**16.8**		2.23	0.635	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Lead	**8.88**		2.23	1.48	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Molybdenum	ND		4.46	1.09	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Nickel	**18.2**		2.23	1.27	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Selenium	ND		3.35	1.75	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Silver	ND		2.23	0.474	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Thallium	ND		11.2	3.18	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Vanadium	**46.1**		4.46	0.977	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2
Zinc	**63.6**		4.46	1.82	mg/Kg	☼	12/09/24 11:48	12/10/24 15:27	2

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	2.59	ug/L		12/06/24 08:12	12/06/24 19:09	1
Arsenic	ND		100	19.9	ug/L		12/06/24 08:12	12/06/24 19:09	1
Barium	ND		10.0	1.11	ug/L		12/06/24 08:12	12/06/24 19:09	1
Beryllium	ND		10.0	1.27	ug/L		12/06/24 08:12	12/06/24 19:09	1
Cadmium	ND		10.0	0.620	ug/L		12/06/24 08:12	12/06/24 19:09	1
Cobalt	ND		50.0	0.880	ug/L		12/06/24 08:12	12/06/24 19:09	1
Chromium	ND		50.0	2.96	ug/L		12/06/24 08:12	12/06/24 19:09	1
Copper	ND		50.0	2.69	ug/L		12/06/24 08:12	12/06/24 19:09	1
Molybdenum	ND		50.0	3.91	ug/L		12/06/24 08:12	12/06/24 19:09	1
Nickel	ND		50.0	3.07	ug/L		12/06/24 08:12	12/06/24 19:09	1
Antimony	ND		100	25.5	ug/L		12/06/24 08:12	12/06/24 19:09	1
Selenium	ND		50.0	16.2	ug/L		12/06/24 08:12	12/06/24 19:09	1
Thallium	ND		50.0	9.96	ug/L		12/06/24 08:12	12/06/24 19:09	1
Vanadium	ND		10.0	2.39	ug/L		12/06/24 08:12	12/06/24 19:09	1
Zinc	ND		250	13.3	ug/L		12/06/24 08:12	12/06/24 19:09	1
Lead	ND		50.0	5.27	ug/L		12/06/24 08:12	12/06/24 19:09	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: SW846 7470A - Mercury (CVAA)

Client Sample ID: EB-20241204
Date Collected: 12/04/24 15:30
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-25
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:41	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0878	0.0242	mg/Kg	☼	12/06/24 10:15	12/06/24 18:31	1

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.102	0.0280	mg/Kg	☼	12/06/24 10:15	12/06/24 18:37	1

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0943	0.0260	mg/Kg	☼	12/06/24 10:15	12/06/24 18:39	1

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0946	0.0261	mg/Kg	☼	12/06/24 10:15	12/06/24 18:41	1

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.219**	***1**	0.0898	0.0248	mg/Kg	☼	12/06/24 10:15	12/12/24 12:02	1

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.109	0.0301	mg/Kg	☼	12/06/24 10:15	12/12/24 12:03	1

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.163**	***1**	0.0906	0.0250	mg/Kg	☼	12/06/24 10:15	12/12/24 12:05	1

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0347**	**J *1**	0.0920	0.0254	mg/Kg	☼	12/06/24 10:15	12/06/24 18:54	1

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.106	0.0292	mg/Kg	☼	12/06/24 10:15	12/06/24 18:56	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0913	0.0252	mg/Kg	☼	12/06/24 10:15	12/06/24 18:58	1

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0351**	**J *1**	0.0906	0.0250	mg/Kg	☼	12/06/24 10:15	12/06/24 19:00	1

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.115	0.0316	mg/Kg	☼	12/06/24 10:15	12/06/24 19:02	1

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0858	0.0237	mg/Kg	☼	12/06/24 10:15	12/06/24 19:04	1

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0569**	**J *1**	0.0966	0.0267	mg/Kg	☼	12/06/24 10:15	12/06/24 19:06	1

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0614**	**J *1**	0.0997	0.0275	mg/Kg	☼	12/06/24 10:15	12/06/24 19:12	1

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0499**	**J *1**	0.0975	0.0269	mg/Kg	☼	12/06/24 10:15	12/06/24 19:14	1

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0569**	**J *1**	0.0960	0.0265	mg/Kg	☼	12/06/24 10:15	12/06/24 19:16	1

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0649**	**J *1**	0.0899	0.0248	mg/Kg	☼	12/06/24 10:15	12/06/24 19:18	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0388**	**J *1**	0.0937	0.0259	mg/Kg	☼	12/06/24 10:15	12/06/24 19:20	1

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0464**	**J *1**	0.0868	0.0240	mg/Kg	☼	12/06/24 10:15	12/06/24 19:22	1

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.0923	0.0255	mg/Kg	☼	12/06/24 10:33	12/06/24 14:51	1

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0971	0.0268	mg/Kg	☼	12/06/24 10:33	12/12/24 12:07	1

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0256**	**J**	0.0869	0.0240	mg/Kg	☼	12/06/24 10:33	12/06/24 15:03	1

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.103	0.0285	mg/Kg	☼	12/06/24 10:33	12/06/24 15:09	1

General Chemistry

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.5		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.7		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB30-15.0
Date Collected: 12/04/24 08:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.6		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB32-2.0
Date Collected: 12/04/24 08:20
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.9		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB32-5.0
Date Collected: 12/04/24 08:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.5		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB32-15.0
Date Collected: 12/04/24 08:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	18.7		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB34-2.0
Date Collected: 12/04/24 11:15
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.5		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB34-5.0
Date Collected: 12/04/24 11:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.9		0.100	0.100	%			12/06/24 19:29	1

General Chemistry

Client Sample ID: SB34-15.0
Date Collected: 12/04/24 11:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.3		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB36-2.0
Date Collected: 12/04/24 11:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.9		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB36-5.0
Date Collected: 12/04/24 11:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.2		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB36-15.0
Date Collected: 12/04/24 12:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	31.3		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB41-2.0
Date Collected: 12/04/24 12:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.41		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB41-5.0
Date Collected: 12/04/24 12:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.1		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB41-15.0
Date Collected: 12/04/24 13:10
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.4		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB40-2.0
Date Collected: 12/04/24 13:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.0		0.100	0.100	%			12/06/24 19:29	1

General Chemistry

Client Sample ID: SB40-5.0
Date Collected: 12/04/24 13:30
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.4		0.100	0.100	%			12/06/24 19:29	1

Client Sample ID: SB40-15.0
Date Collected: 12/04/24 13:35
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.6		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB43-2.0
Date Collected: 12/04/24 13:55
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.23		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB43-5.0
Date Collected: 12/04/24 14:00
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.41		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB43-15.0
Date Collected: 12/04/24 14:05
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	3.98		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB38-2.0
Date Collected: 12/04/24 14:25
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.65		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB38-5.0
Date Collected: 12/04/24 14:40
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.56		0.100	0.100	%			12/08/24 08:40	1

Client Sample ID: SB38-15.0
Date Collected: 12/04/24 14:50
Date Received: 12/04/24 18:01
Lab Sample ID: 570-209623-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.1		0.100	0.100	%			12/08/24 08:40	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209623-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209623-1	SB30-2.0	102	103	101	108
570-209623-2	SB30-5.0	111	102	105	106
570-209623-3	SB30-15.0	100	102	102	114
570-209623-4	SB32-2.0	108	101	103	107
570-209623-5	SB32-5.0	109	99	98	99
570-209623-6	SB32-15.0	117	102	102	99
570-209623-7	SB34-2.0	116	100	105	99
570-209623-8	SB34-5.0	113	101	99	99
570-209623-9	SB34-15.0	123	102	106	100
570-209623-10	SB36-2.0	116	99	100	98
570-209623-11	SB36-5.0	114	100	102	98
570-209623-12	SB36-15.0	112	99	98	99
570-209623-13	SB41-2.0	113	94	102	98
570-209623-14	SB41-5.0	119	99	105	99
570-209623-15	SB41-15.0	119	99	103	101
570-209623-16	SB40-2.0	121	99	106	101
570-209623-17	SB40-5.0	120	99	108	100
570-209623-18	SB40-15.0	122	100	106	99
570-209623-19	SB43-2.0	119	96	108	100
570-209623-20	SB43-5.0	122	102	105	100
570-209623-21	SB43-15.0	123	101	106	101
570-209623-22	SB38-2.0	118	99	107	100
570-209623-23	SB38-5.0	122	100	106	100
570-209623-24	SB38-15.0	103	100	99	105
LCS 570-510544/3	Lab Control Sample	102	100	102	98
LCS 570-510605/3	Lab Control Sample	97	99	99	101
LCS 570-510793/4	Lab Control Sample	97	101	100	98
LCSD 570-510544/4	Lab Control Sample Dup	101	102	102	97
LCSD 570-510605/4	Lab Control Sample Dup	98	97	99	99
LCSD 570-510793/5	Lab Control Sample Dup	99	99	101	96
MB 570-510544/6	Method Blank	96	98	97	107
MB 570-510605/5	Method Blank	97	100	95	100
MB 570-510793/7	Method Blank	89	97	95	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-209623-25	EB-20241204	106	94	100	100
570-209623-26	TB-20241204-1	105	94	102	99
LCS 570-510778/1003	Lab Control Sample	101	97	102	101
LCSD 570-510778/4	Lab Control Sample Dup	105	97	101	100

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		DCA	BFB	DBFM	TOL				
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)				
MB 570-510778/7	Method Blank	103	94	99	100				

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	TPHd14	PHL6		
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)		
570-209623-1	SB30-2.0	80	68	85	77	82	86		
570-209623-2	SB30-5.0	82	74	92	81	86	92		
570-209623-3	SB30-15.0	68	61	70	67	71	73		
570-209623-4	SB32-2.0	78	72	90	79	85	92		
570-209623-5	SB32-5.0	78	71	88	80	84	90		
570-209623-5 MS	SB32-5.0	75	67	83	69	79	86		
570-209623-5 MSD	SB32-5.0	81	74	89	73	85	89		
570-209623-6	SB32-15.0	74	64	79	67	76	80		
570-209623-7	SB34-2.0	84	74	95	81	87	96		
570-209623-8	SB34-5.0	75	82	82	76	78	79		
570-209623-9	SB34-15.0	70	77	82	78	76	83		
570-209623-10	SB36-2.0	78	87	92	82	78	89		
570-209623-11	SB36-5.0	71	73	81	78	74	82		
570-209623-12	SB36-15.0	61	69	70	63	63	68		
570-209623-13	SB41-2.0	62	70	68	65	61	66		
570-209623-14	SB41-5.0	65	75	84	73	69	79		
570-209623-15	SB41-15.0	56	67	63	65	67	63		
570-209623-16	SB40-2.0	66	85	77	78	75	80		
570-209623-17	SB40-5.0	76	85	93	80	81	85		
570-209623-18	SB40-15.0	51	66	59	58	58	60		
570-209623-18 MS	SB40-15.0	51	68	68	66	63	67		
570-209623-18 MSD	SB40-15.0	65	75	80	76	74	81		
570-209623-19	SB43-2.0	72	79	78	77	62	71		
570-209623-20	SB43-5.0	65	81	74	75	72	76		
570-209623-21	SB43-15.0	71	80	83	72	73	82		
570-209623-22	SB38-2.0	60	68	67	63	62	65		
570-209623-23	SB38-5.0	56	68	68	62	62	68		
570-209623-24	SB38-15.0	58	75	69	74	68	71		
LCS 570-510959/2-A	Lab Control Sample	76	86	90	86	84	95		
LCS 570-510973/2-A	Lab Control Sample	75	88	91	85	76	90		
LCSD 570-510959/3-A	Lab Control Sample Dup	75	87	87	90	85	92		
LCSD 570-510973/3-A	Lab Control Sample Dup	76	82	86	82	82	88		
MB 570-510959/1-A	Method Blank	77	83	89	91	80	85		
MB 570-510973/1-A	Method Blank	66	77	83	78	69	80		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(27-140)	(28-120)	(20-120)	(31-120)	(45-136)	(20-120)
570-209623-25	EB-20241204	97	61	33	48	97	20
LCS 570-510363/2-A	Lab Control Sample	89	68	43	59	78	28
LCSD 570-510363/3-A	Lab Control Sample Dup	112	89	49	72	98	30
MB 570-510363/1-A	Method Blank	108	80	43	75	88	24

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209623-1	SB30-2.0	88	94	82
570-209623-2	SB30-5.0	84	88	75
570-209623-3	SB30-15.0	83	89	77
570-209623-4	SB32-2.0	84	89	76
570-209623-5	SB32-5.0	87	94	78
570-209623-5 MS	SB32-5.0	88	90	78
570-209623-5 MSD	SB32-5.0	86	88	73
570-209623-6	SB32-15.0	81	85	73
570-209623-7	SB34-2.0	73	77	67
570-209623-8	SB34-5.0	86	91	79
570-209623-9	SB34-15.0	83	87	74
570-209623-10	SB36-2.0	87	92	79
570-209623-11	SB36-5.0	84	88	76
570-209623-12	SB36-15.0	72	75	65
570-209623-13	SB41-2.0	84	87	78
570-209623-14	SB41-5.0	84	88	78
570-209623-15	SB41-15.0	85	89	79
570-209623-16	SB40-2.0	87	89	80
570-209623-17	SB40-5.0	84	87	77
570-209623-18	SB40-15.0	67	61	74
570-209623-18 MS	SB40-15.0	80	72	80
570-209623-18 MSD	SB40-15.0	87	77	83
570-209623-19	SB43-2.0	81	78	83
570-209623-20	SB43-5.0	81	79	80
570-209623-21	SB43-15.0	89	84	87
570-209623-22	SB38-2.0	85	82	90

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209623-23	SB38-5.0	81	79	84
570-209623-24	SB38-15.0	78	78	79
LCS 570-510957/2-A	Lab Control Sample	89	92	77
LCS 570-510971/2-A	Lab Control Sample	87	73	81
LCSD 570-510957/3-A	Lab Control Sample Dup	92	94	80
LCSD 570-510971/3-A	Lab Control Sample Dup	87	81	86
MB 570-510957/1-A	Method Blank	90	99	77
MB 570-510971/1-A	Method Blank	85	82	85

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-209623-25	EB-20241204	87	89	77
LCS 570-510534/2-A	Lab Control Sample	82	83	66
LCSD 570-510534/3-A	Lab Control Sample Dup	97	93	79
MB 570-510534/1-A	Method Blank	93	97	86

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-209623-1	SB30-2.0	101
570-209623-2	SB30-5.0	69
570-209623-3	SB30-15.0	45
570-209623-4	SB32-2.0	70
570-209623-5	SB32-5.0	72
570-209623-6	SB32-15.0	107
570-209623-7	SB34-2.0	99
570-209623-8	SB34-5.0	112
570-209623-9	SB34-15.0	115
570-209623-10	SB36-2.0	106
570-209623-11	SB36-5.0	113
570-209623-12	SB36-15.0	116
570-209623-13	SB41-2.0	93
570-209623-14	SB41-5.0	110
570-209623-15	SB41-15.0	112
570-209623-16	SB40-2.0	104

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)													
Lab Sample ID	Client Sample ID	BFB1 (42-126)													
570-209623-17	SB40-5.0	108													
570-209623-18	SB40-15.0	110													
570-209623-19	SB43-2.0	98													
570-209623-20	SB43-5.0	112													
570-209623-21	SB43-15.0	100													
570-209623-22	SB38-2.0	104													
570-209623-23	SB38-5.0	102													
570-209623-24	SB38-15.0	108													
LCS 570-511367/31	Lab Control Sample	106													
LCS 570-511402/3	Lab Control Sample	103													
LCS 570-512124/5	Lab Control Sample	93													
LCSD 570-511367/32	Lab Control Sample Dup	105													
LCSD 570-511402/4	Lab Control Sample Dup	101													
LCSD 570-512124/6	Lab Control Sample Dup	92													
MB 570-511367/33	Method Blank	95													
MB 570-511402/5	Method Blank	94													
MB 570-512124/7	Method Blank	71													

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)													
Lab Sample ID	Client Sample ID	BFB1 (20-144)													
570-209623-25	EB-20241204	88													
LCS 570-512119/3	Lab Control Sample	94													
LCSD 570-512119/4	Lab Control Sample Dup	93													
MB 570-512119/5	Method Blank	89													

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)													
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)													
570-209623-1	SB30-2.0	88													
570-209623-1 MS	SB30-2.0	89													
570-209623-1 MSD	SB30-2.0	87													
570-209623-2	SB30-5.0	87													
570-209623-3	SB30-15.0	90													
570-209623-4	SB32-2.0	88													
570-209623-5	SB32-5.0	88													
570-209623-6	SB32-15.0	89													
570-209623-7	SB34-2.0	89													
570-209623-8	SB34-5.0	91													
570-209623-9	SB34-15.0	89													

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-209623-10	SB36-2.0	89
570-209623-11	SB36-5.0	88
570-209623-12	SB36-15.0	91
570-209623-13	SB41-2.0	88
570-209623-14	SB41-5.0	89
570-209623-15	SB41-15.0	88
570-209623-16	SB40-2.0	89
570-209623-17	SB40-5.0	88
570-209623-18	SB40-15.0	89
570-209623-19	SB43-2.0	88
570-209623-20	SB43-5.0	92
570-209623-21	SB43-15.0	95
570-209623-22	SB38-2.0	97
570-209623-23	SB38-5.0	97
570-209623-24	SB38-15.0	90
LCS 570-511284/2-A	Lab Control Sample	90
LCS 570-511285/2-A	Lab Control Sample	85
LCSD 570-511284/3-A	Lab Control Sample Dup	88
LCSD 570-511285/3-A	Lab Control Sample Dup	88
MB 570-511284/1-A	Method Blank	92
MB 570-511285/1-A	Method Blank	88

Surrogate Legend
OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)
570-209623-25	EB-20241204	88
LCS 570-510644/2-A	Lab Control Sample	96
LCSD 570-510644/3-A	Lab Control Sample Dup	93
MB 570-510644/1-A	Method Blank	96

Surrogate Legend
OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510544/6
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/05/24 17:51	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/05/24 17:51	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/05/24 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/05/24 17:51	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/05/24 17:51	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/05/24 17:51	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/05/24 17:51	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/05/24 17:51	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/05/24 17:51	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/05/24 17:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/05/24 17:51	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/05/24 17:51	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/05/24 17:51	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/05/24 17:51	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/05/24 17:51	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/05/24 17:51	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/05/24 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/05/24 17:51	1
Acetone	ND		0.020	0.0098	mg/Kg			12/05/24 17:51	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/05/24 17:51	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/05/24 17:51	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/05/24 17:51	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/05/24 17:51	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/05/24 17:51	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/05/24 17:51	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/05/24 17:51	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/05/24 17:51	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/05/24 17:51	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/05/24 17:51	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/05/24 17:51	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/05/24 17:51	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/05/24 17:51	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/05/24 17:51	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/05/24 17:51	1
Ethanol	ND		0.25	0.092	mg/Kg			12/05/24 17:51	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510544/6
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/05/24 17:51	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/05/24 17:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/05/24 17:51	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/05/24 17:51	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 17:51	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/05/24 17:51	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/05/24 17:51	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/05/24 17:51	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/05/24 17:51	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/05/24 17:51	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/05/24 17:51	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/05/24 17:51	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/05/24 17:51	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/05/24 17:51	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 17:51	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/05/24 17:51	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/05/24 17:51	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/05/24 17:51	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/05/24 17:51	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/05/24 17:51	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/05/24 17:51	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/05/24 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*		*12/05/24 17:51*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/05/24 17:51*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*		*12/05/24 17:51*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*12/05/24 17:51*	*1*

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05439		mg/Kg		109	80 - 125
1,1,1-Trichloroethane	0.0500	0.05393		mg/Kg		108	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05458		mg/Kg		109	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05202		mg/Kg		104	73 - 130
1,1,2-Trichloroethane	0.0500	0.05141		mg/Kg		103	80 - 123
1,1-Dichloroethane	0.0500	0.05150		mg/Kg		103	79 - 124
1,1-Dichloroethene	0.0500	0.05185		mg/Kg		104	74 - 132
1,1-Dichloropropene	0.0500	0.05573		mg/Kg		111	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05451		mg/Kg		109	80 - 123
1,2,3-Trichloropropane	0.0500	0.05534		mg/Kg		111	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05501		mg/Kg		110	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05457		mg/Kg		109	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05256		mg/Kg		105	67 - 120
1,2-Dibromoethane	0.0500	0.05495		mg/Kg		110	80 - 120
1,2-Dichlorobenzene	0.0500	0.05394		mg/Kg		108	80 - 120
1,2-Dichloroethane	0.0500	0.05317		mg/Kg		106	77 - 120
1,2-Dichloropropane	0.0500	0.05241		mg/Kg		105	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05368		mg/Kg		107	80 - 121
1,3-Dichlorobenzene	0.0500	0.05513		mg/Kg		110	80 - 120
1,3-Dichloropropane	0.0500	0.05366		mg/Kg		107	80 - 120
1,4-Dichlorobenzene	0.0500	0.05405		mg/Kg		108	80 - 120
2,2-Dichloropropane	0.0500	0.05306		mg/Kg		106	73 - 135
2-Butanone (MEK)	0.0500	0.04926		mg/Kg		99	67 - 136
2-Chlorotoluene	0.0500	0.05373		mg/Kg		107	80 - 120
2-Hexanone	0.0500	0.05269		mg/Kg		105	70 - 137
4-Chlorotoluene	0.0500	0.05357		mg/Kg		107	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05069		mg/Kg		101	74 - 124
Acetone	0.0500	0.05594		mg/Kg		112	61 - 142
Benzene	0.0500	0.05286		mg/Kg		106	80 - 120
Bromobenzene	0.0500	0.05384		mg/Kg		108	80 - 120
Bromochloromethane	0.0500	0.05201		mg/Kg		104	80 - 120
Bromodichloromethane	0.0500	0.05418		mg/Kg		108	80 - 125
Bromoform	0.0500	0.05233		mg/Kg		105	74 - 138
Bromomethane	0.0500	0.05568		mg/Kg		111	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05182		mg/Kg		104	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05499		mg/Kg		110	80 - 123
Carbon disulfide	0.0500	0.05111		mg/Kg		102	68 - 128
Carbon tetrachloride	0.0500	0.05366		mg/Kg		107	75 - 140
Chlorobenzene	0.0500	0.05343		mg/Kg		107	80 - 120
Chloroethane	0.0500	0.05169		mg/Kg		103	76 - 137
Chloroform	0.0500	0.05213		mg/Kg		104	80 - 121
Chloromethane	0.0500	0.04951		mg/Kg		99	74 - 133
Dibromochloromethane	0.0500	0.05443		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05171		mg/Kg		103	80 - 120
Dichlorodifluoromethane	0.0500	0.05404		mg/Kg		108	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05227		mg/Kg		105	73 - 132
Ethanol	0.500	0.4680		mg/Kg		94	46 - 159
Ethylbenzene	0.0500	0.05334		mg/Kg		107	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05338		mg/Kg		107	77 - 129
Isopropylbenzene	0.0500	0.05328		mg/Kg		107	80 - 122
Methylene Chloride	0.0500	0.05074		mg/Kg		101	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05349		mg/Kg		107	79 - 123
Naphthalene	0.0500	0.05403		mg/Kg		108	79 - 121
n-Butylbenzene	0.0500	0.05565		mg/Kg		111	79 - 131
N-Propylbenzene	0.0500	0.05407		mg/Kg		108	80 - 122
o-Xylene	0.0500	0.05304		mg/Kg		106	80 - 120
m,p-Xylene	0.100	0.1067		mg/Kg		107	80 - 120
p-Isopropyltoluene	0.0500	0.05519		mg/Kg		110	80 - 126
sec-Butylbenzene	0.0500	0.05506		mg/Kg		110	80 - 125
Styrene	0.0500	0.05438		mg/Kg		109	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05101		mg/Kg		102	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510544/3
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0500	0.05364		mg/Kg		107	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.05188		mg/Kg		104	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2263		mg/Kg		91	74 - 123
tert-Butylbenzene	0.0500	0.05395		mg/Kg		108	80 - 124
Tetrachloroethene	0.0500	0.05335		mg/Kg		107	80 - 122
Toluene	0.0500	0.05100		mg/Kg		102	80 - 120
Trichloroethene	0.0500	0.05330		mg/Kg		107	80 - 127
Trichlorofluoromethane	0.0500	0.05274		mg/Kg		105	70 - 144
Vinyl acetate	0.0500	0.05256		mg/Kg		105	71 - 125
Vinyl chloride	0.0500	0.05164		mg/Kg		103	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*32 - 179*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*58 - 147*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-510544/4
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05221		mg/Kg		104	80 - 125	4	20
1,1,1-Trichloroethane	0.0500	0.05238		mg/Kg		105	78 - 130	3	20
1,1,2,2-Tetrachloroethane	0.0500	0.05138		mg/Kg		103	80 - 124	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05069		mg/Kg		101	73 - 130	3	20
1,1,2-Trichloroethane	0.0500	0.04996		mg/Kg		100	80 - 123	3	20
1,1-Dichloroethane	0.0500	0.05096		mg/Kg		102	79 - 124	1	20
1,1-Dichloroethene	0.0500	0.05120		mg/Kg		102	74 - 132	1	20
1,1-Dichloropropene	0.0500	0.05361		mg/Kg		107	78 - 130	4	20
1,2,3-Trichlorobenzene	0.0500	0.05165		mg/Kg		103	80 - 123	5	20
1,2,3-Trichloropropane	0.0500	0.05425		mg/Kg		108	79 - 120	2	20
1,2,4-Trichlorobenzene	0.0500	0.05184		mg/Kg		104	80 - 125	6	20
1,2,4-Trimethylbenzene	0.0500	0.05077		mg/Kg		102	80 - 124	7	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04956		mg/Kg		99	67 - 120	6	20
1,2-Dibromoethane	0.0500	0.05252		mg/Kg		105	80 - 120	5	20
1,2-Dichlorobenzene	0.0500	0.05165		mg/Kg		103	80 - 120	4	20
1,2-Dichloroethane	0.0500	0.05174		mg/Kg		103	77 - 120	3	20
1,2-Dichloropropane	0.0500	0.05051		mg/Kg		101	80 - 126	4	20
1,3,5-Trimethylbenzene	0.0500	0.05225		mg/Kg		105	80 - 121	3	20
1,3-Dichlorobenzene	0.0500	0.05131		mg/Kg		103	80 - 120	7	20
1,3-Dichloropropane	0.0500	0.05101		mg/Kg		102	80 - 120	5	20
1,4-Dichlorobenzene	0.0500	0.05080		mg/Kg		102	80 - 120	6	20
2,2-Dichloropropane	0.0500	0.05163		mg/Kg		103	73 - 135	3	20
2-Butanone (MEK)	0.0500	0.04822		mg/Kg		96	67 - 136	2	20
2-Chlorotoluene	0.0500	0.05239		mg/Kg		105	80 - 120	3	20
2-Hexanone	0.0500	0.05282		mg/Kg		106	70 - 137	0	20
4-Chlorotoluene	0.0500	0.04983		mg/Kg		100	80 - 121	7	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510544/4
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			0.0500	0.04997		mg/Kg		100	74 - 124	1	20
Acetone			0.0500	0.04713		mg/Kg		94	61 - 142	17	23
Benzene			0.0500	0.05120		mg/Kg		102	80 - 120	3	20
Bromobenzene			0.0500	0.05301		mg/Kg		106	80 - 120	2	20
Bromochloromethane			0.0500	0.05250		mg/Kg		105	80 - 120	1	20
Bromodichloromethane			0.0500	0.05186		mg/Kg		104	80 - 125	4	20
Bromoform			0.0500	0.05007		mg/Kg		100	74 - 138	4	20
Bromomethane			0.0500	0.05563		mg/Kg		111	58 - 136	0	20
cis-1,2-Dichloroethene			0.0500	0.05116		mg/Kg		102	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05292		mg/Kg		106	80 - 123	4	20
Carbon disulfide			0.0500	0.05040		mg/Kg		101	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05249		mg/Kg		105	75 - 140	2	20
Chlorobenzene			0.0500	0.05163		mg/Kg		103	80 - 120	3	20
Chloroethane			0.0500	0.05315		mg/Kg		106	76 - 137	3	20
Chloroform			0.0500	0.05089		mg/Kg		102	80 - 121	2	20
Chloromethane			0.0500	0.05018		mg/Kg		100	74 - 133	1	20
Dibromochloromethane			0.0500	0.05165		mg/Kg		103	80 - 132	5	20
Dibromomethane			0.0500	0.05001		mg/Kg		100	80 - 120	3	20
Dichlorodifluoromethane			0.0500	0.05457		mg/Kg		109	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.05014		mg/Kg		100	73 - 132	4	20
Ethanol			0.500	0.5524		mg/Kg		110	46 - 159	17	30
Ethylbenzene			0.0500	0.05121		mg/Kg		102	80 - 120	4	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05103		mg/Kg		102	77 - 129	5	20
Isopropylbenzene			0.0500	0.05187		mg/Kg		104	80 - 122	3	20
Methylene Chloride			0.0500	0.04922		mg/Kg		98	74 - 120	3	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.05112		mg/Kg		102	79 - 123	5	20
Naphthalene			0.0500	0.05098		mg/Kg		102	79 - 121	6	20
n-Butylbenzene			0.0500	0.05143		mg/Kg		103	79 - 131	8	20
N-Propylbenzene			0.0500	0.05224		mg/Kg		104	80 - 122	3	20
o-Xylene			0.0500	0.05109		mg/Kg		102	80 - 120	4	20
m,p-Xylene			0.100	0.1027		mg/Kg		103	80 - 120	4	20
p-Isopropyltoluene			0.0500	0.05099		mg/Kg		102	80 - 126	8	20
sec-Butylbenzene			0.0500	0.05079		mg/Kg		102	80 - 125	8	20
Styrene			0.0500	0.05187		mg/Kg		104	80 - 120	5	20
trans-1,2-Dichloroethene			0.0500	0.04975		mg/Kg		99	75 - 123	3	20
trans-1,3-Dichloropropene			0.0500	0.05134		mg/Kg		103	80 - 124	4	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04958		mg/Kg		99	80 - 120	5	20
tert-Butyl alcohol (TBA)			0.250	0.2524		mg/Kg		101	74 - 123	11	20
tert-Butylbenzene			0.0500	0.05004		mg/Kg		100	80 - 124	8	20
Tetrachloroethene			0.0500	0.05019		mg/Kg		100	80 - 122	6	20
Toluene			0.0500	0.04920		mg/Kg		98	80 - 120	4	20
Trichloroethene			0.0500	0.05120		mg/Kg		102	80 - 127	4	20
Trichlorofluoromethane			0.0500	0.05267		mg/Kg		105	70 - 144	0	20
Vinyl acetate			0.0500	0.05243		mg/Kg		105	71 - 125	0	20
Vinyl chloride			0.0500	0.05222		mg/Kg		104	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510544/4
Matrix: Solid
Analysis Batch: 510544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*58 - 147*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 570-510605/5
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/05/24 22:52	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/05/24 22:52	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/05/24 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/05/24 22:52	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/05/24 22:52	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 22:52	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/05/24 22:52	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/05/24 22:52	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/05/24 22:52	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/05/24 22:52	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/05/24 22:52	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/05/24 22:52	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/05/24 22:52	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/05/24 22:52	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 22:52	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/05/24 22:52	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/05/24 22:52	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/05/24 22:52	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 22:52	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/05/24 22:52	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/05/24 22:52	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/05/24 22:52	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/05/24 22:52	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/05/24 22:52	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/05/24 22:52	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/05/24 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/05/24 22:52	1
Acetone	ND		0.020	0.0098	mg/Kg			12/05/24 22:52	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/05/24 22:52	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 22:52	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/05/24 22:52	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/05/24 22:52	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/05/24 22:52	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/05/24 22:52	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/05/24 22:52	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/05/24 22:52	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/05/24 22:52	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/05/24 22:52	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 22:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510605/5
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/05/24 22:52	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/05/24 22:52	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/05/24 22:52	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/05/24 22:52	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/05/24 22:52	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/05/24 22:52	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/05/24 22:52	1
Ethanol	ND		0.25	0.092	mg/Kg			12/05/24 22:52	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 22:52	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/05/24 22:52	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/05/24 22:52	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/05/24 22:52	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/05/24 22:52	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/05/24 22:52	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/05/24 22:52	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/05/24 22:52	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/05/24 22:52	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/05/24 22:52	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/05/24 22:52	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/05/24 22:52	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/05/24 22:52	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/05/24 22:52	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/05/24 22:52	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/05/24 22:52	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/05/24 22:52	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/05/24 22:52	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/05/24 22:52	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/05/24 22:52	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/05/24 22:52	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/05/24 22:52	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/05/24 22:52	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/05/24 22:52	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/05/24 22:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*		*12/05/24 22:52*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/05/24 22:52*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*12/05/24 22:52*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/05/24 22:52*	*1*

Lab Sample ID: LCS 570-510605/3
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05122		mg/Kg		102	80 - 125
1,1,1-Trichloroethane	0.0500	0.04849		mg/Kg		97	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04901		mg/Kg		98	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510605/3
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05256		mg/Kg		105	73 - 130
1,1,2-Trichloroethane	0.0500	0.04757		mg/Kg		95	80 - 123
1,1-Dichloroethane	0.0500	0.04484		mg/Kg		90	79 - 124
1,1-Dichloroethene	0.0500	0.05107		mg/Kg		102	74 - 132
1,1-Dichloropropene	0.0500	0.05034		mg/Kg		101	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05351		mg/Kg		107	80 - 123
1,2,3-Trichloropropane	0.0500	0.04981		mg/Kg		100	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05566		mg/Kg		111	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05257		mg/Kg		105	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04605		mg/Kg		92	67 - 120
1,2-Dibromoethane	0.0500	0.04656		mg/Kg		93	80 - 120
1,2-Dichlorobenzene	0.0500	0.05253		mg/Kg		105	80 - 120
1,2-Dichloroethane	0.0500	0.04834		mg/Kg		97	77 - 120
1,2-Dichloropropane	0.0500	0.04911		mg/Kg		98	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05067		mg/Kg		101	80 - 121
1,3-Dichlorobenzene	0.0500	0.05197		mg/Kg		104	80 - 120
1,3-Dichloropropane	0.0500	0.04809		mg/Kg		96	80 - 120
1,4-Dichlorobenzene	0.0500	0.05144		mg/Kg		103	80 - 120
2,2-Dichloropropane	0.0500	0.04970		mg/Kg		99	73 - 135
2-Butanone (MEK)	0.0500	0.04803		mg/Kg		96	67 - 136
2-Chlorotoluene	0.0500	0.04975		mg/Kg		99	80 - 120
2-Hexanone	0.0500	0.04712		mg/Kg		94	70 - 137
4-Chlorotoluene	0.0500	0.05134		mg/Kg		103	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05196		mg/Kg		104	74 - 124
Acetone	0.0500	0.04633		mg/Kg		93	61 - 142
Benzene	0.0500	0.04899		mg/Kg		98	80 - 120
Bromobenzene	0.0500	0.05102		mg/Kg		102	80 - 120
Bromochloromethane	0.0500	0.04932		mg/Kg		99	80 - 120
Bromodichloromethane	0.0500	0.04942		mg/Kg		99	80 - 125
Bromoform	0.0500	0.05157		mg/Kg		103	74 - 138
Bromomethane	0.0500	0.04739		mg/Kg		95	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04798		mg/Kg		96	80 - 124
cis-1,3-Dichloropropene	0.0500	0.04972		mg/Kg		99	80 - 123
Carbon disulfide	0.0500	0.04776		mg/Kg		96	68 - 128
Carbon tetrachloride	0.0500	0.04809		mg/Kg		96	75 - 140
Chlorobenzene	0.0500	0.04893		mg/Kg		98	80 - 120
Chloroethane	0.0500	0.05284		mg/Kg		106	76 - 137
Chloroform	0.0500	0.04849		mg/Kg		97	80 - 121
Chloromethane	0.0500	0.04576		mg/Kg		92	74 - 133
Dibromochloromethane	0.0500	0.04942		mg/Kg		99	80 - 132
Dibromomethane	0.0500	0.04664		mg/Kg		93	80 - 120
Dichlorodifluoromethane	0.0500	0.04457		mg/Kg		89	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04212		mg/Kg		84	73 - 132
Ethanol	0.500	0.5017		mg/Kg		100	46 - 159
Ethylbenzene	0.0500	0.04858		mg/Kg		97	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04942		mg/Kg		99	77 - 129
Isopropylbenzene	0.0500	0.04974		mg/Kg		99	80 - 122
Methylene Chloride	0.0500	0.03797		mg/Kg		76	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510605/3
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04274		mg/Kg		85	79 - 123
Naphthalene	0.0500	0.05111		mg/Kg		102	79 - 121
n-Butylbenzene	0.0500	0.05386		mg/Kg		108	79 - 131
N-Propylbenzene	0.0500	0.05004		mg/Kg		100	80 - 122
o-Xylene	0.0500	0.04943		mg/Kg		99	80 - 120
m,p-Xylene	0.100	0.1007		mg/Kg		101	80 - 120
p-Isopropyltoluene	0.0500	0.05239		mg/Kg		105	80 - 126
sec-Butylbenzene	0.0500	0.05200		mg/Kg		104	80 - 125
Styrene	0.0500	0.05006		mg/Kg		100	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04026		mg/Kg		81	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05088		mg/Kg		102	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04973		mg/Kg		99	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2398		mg/Kg		96	74 - 123
tert-Butylbenzene	0.0500	0.05260		mg/Kg		105	80 - 124
Tetrachloroethene	0.0500	0.04993		mg/Kg		100	80 - 122
Toluene	0.0500	0.04844		mg/Kg		97	80 - 120
Trichloroethene	0.0500	0.04877		mg/Kg		98	80 - 127
Trichlorofluoromethane	0.0500	0.05105		mg/Kg		102	70 - 144
Vinyl acetate	0.0500	0.04549		mg/Kg		91	71 - 125
Vinyl chloride	0.0500	0.05045		mg/Kg		101	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-510605/4
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05417		mg/Kg		108	80 - 125	6	20
1,1,1-Trichloroethane	0.0500	0.05053		mg/Kg		101	78 - 130	4	20
1,1,2,2-Tetrachloroethane	0.0500	0.05396		mg/Kg		108	80 - 124	10	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05515		mg/Kg		110	73 - 130	5	20
1,1,2-Trichloroethane	0.0500	0.04993		mg/Kg		100	80 - 123	5	20
1,1-Dichloroethane	0.0500	0.04302		mg/Kg		86	79 - 124	4	20
1,1-Dichloroethene	0.0500	0.05311		mg/Kg		106	74 - 132	4	20
1,1-Dichloropropene	0.0500	0.05168		mg/Kg		103	78 - 130	3	20
1,2,3-Trichlorobenzene	0.0500	0.05575		mg/Kg		112	80 - 123	4	20
1,2,3-Trichloropropane	0.0500	0.05008		mg/Kg		100	79 - 120	1	20
1,2,4-Trichlorobenzene	0.0500	0.05825		mg/Kg		116	80 - 125	5	20
1,2,4-Trimethylbenzene	0.0500	0.05483		mg/Kg		110	80 - 124	4	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04940		mg/Kg		99	67 - 120	7	20
1,2-Dibromoethane	0.0500	0.04884		mg/Kg		98	80 - 120	5	20
1,2-Dichlorobenzene	0.0500	0.05486		mg/Kg		110	80 - 120	4	20
1,2-Dichloroethane	0.0500	0.04893		mg/Kg		98	77 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510605/4
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	0.0500	0.04910		mg/Kg		98	80 - 126	0	20
1,3,5-Trimethylbenzene	0.0500	0.05332		mg/Kg		107	80 - 121	5	20
1,3-Dichlorobenzene	0.0500	0.05422		mg/Kg		108	80 - 120	4	20
1,3-Dichloropropane	0.0500	0.05035		mg/Kg		101	80 - 120	5	20
1,4-Dichlorobenzene	0.0500	0.05398		mg/Kg		108	80 - 120	5	20
2,2-Dichloropropane	0.0500	0.05221		mg/Kg		104	73 - 135	5	20
2-Butanone (MEK)	0.0500	0.05119		mg/Kg		102	67 - 136	6	20
2-Chlorotoluene	0.0500	0.05294		mg/Kg		106	80 - 120	6	20
2-Hexanone	0.0500	0.04704		mg/Kg		94	70 - 137	0	20
4-Chlorotoluene	0.0500	0.05290		mg/Kg		106	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.05025		mg/Kg		100	74 - 124	3	20
Acetone	0.0500	0.04923		mg/Kg		98	61 - 142	6	23
Benzene	0.0500	0.05008		mg/Kg		100	80 - 120	2	20
Bromobenzene	0.0500	0.05302		mg/Kg		106	80 - 120	4	20
Bromochloromethane	0.0500	0.05049		mg/Kg		101	80 - 120	2	20
Bromodichloromethane	0.0500	0.05095		mg/Kg		102	80 - 125	3	20
Bromoform	0.0500	0.05418		mg/Kg		108	74 - 138	5	20
Bromomethane	0.0500	0.04747		mg/Kg		95	58 - 136	0	20
cis-1,2-Dichloroethene	0.0500	0.05012		mg/Kg		100	80 - 124	4	20
cis-1,3-Dichloropropene	0.0500	0.05168		mg/Kg		103	80 - 123	4	20
Carbon disulfide	0.0500	0.05065		mg/Kg		101	68 - 128	6	20
Carbon tetrachloride	0.0500	0.05044		mg/Kg		101	75 - 140	5	20
Chlorobenzene	0.0500	0.05040		mg/Kg		101	80 - 120	3	20
Chloroethane	0.0500	0.05583		mg/Kg		112	76 - 137	6	20
Chloroform	0.0500	0.05000		mg/Kg		100	80 - 121	3	20
Chloromethane	0.0500	0.04987		mg/Kg		100	74 - 133	9	20
Dibromochloromethane	0.0500	0.05128		mg/Kg		103	80 - 132	4	20
Dibromomethane	0.0500	0.04768		mg/Kg		95	80 - 120	2	20
Dichlorodifluoromethane	0.0500	0.04830		mg/Kg		97	63 - 146	8	20
Di-isopropyl ether (DIPE)	0.0500	0.04230		mg/Kg		85	73 - 132	0	20
Ethanol	0.500	0.5526		mg/Kg		111	46 - 159	10	30
Ethylbenzene	0.0500	0.05101		mg/Kg		102	80 - 120	5	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.05176		mg/Kg		104	77 - 129	5	20
Isopropylbenzene	0.0500	0.05278		mg/Kg		106	80 - 122	6	20
Methylene Chloride	0.0500	0.03960		mg/Kg		79	74 - 120	4	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04349		mg/Kg		87	79 - 123	2	20
Naphthalene	0.0500	0.05298		mg/Kg		106	79 - 121	4	20
n-Butylbenzene	0.0500	0.05695		mg/Kg		114	79 - 131	6	20
N-Propylbenzene	0.0500	0.05238		mg/Kg		105	80 - 122	5	20
o-Xylene	0.0500	0.05167		mg/Kg		103	80 - 120	4	20
m,p-Xylene	0.100	0.1053		mg/Kg		105	80 - 120	4	20
p-Isopropyltoluene	0.0500	0.05557		mg/Kg		111	80 - 126	6	20
sec-Butylbenzene	0.0500	0.05469		mg/Kg		109	80 - 125	5	20
Styrene	0.0500	0.05309		mg/Kg		106	80 - 120	6	20
trans-1,2-Dichloroethene	0.0500	0.04202		mg/Kg		84	75 - 123	4	20
trans-1,3-Dichloropropene	0.0500	0.05272		mg/Kg		105	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	0.0500	0.05199		mg/Kg		104	80 - 120	4	20
tert-Butyl alcohol (TBA)	0.250	0.2570		mg/Kg		103	74 - 123	7	20
tert-Butylbenzene	0.0500	0.05415		mg/Kg		108	80 - 124	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510605/4
Matrix: Solid
Analysis Batch: 510605

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene			0.0500	0.05141		mg/Kg		103	80 - 122	3	20
Toluene			0.0500	0.04934		mg/Kg		99	80 - 120	2	20
Trichloroethene			0.0500	0.04997		mg/Kg		100	80 - 127	2	20
Trichlorofluoromethane			0.0500	0.05581		mg/Kg		112	70 - 144	9	20
Vinyl acetate			0.0500	0.04368		mg/Kg		87	71 - 125	4	20
Vinyl chloride			0.0500	0.05342		mg/Kg		107	79 - 133	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*58 - 147*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-510778/7
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 09:02	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 09:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 09:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 09:02	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 09:02	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 09:02	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 09:02	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 09:02	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 09:02	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 09:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 09:02	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 09:02	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 09:02	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 09:02	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 09:02	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 09:02	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 09:02	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 09:02	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 09:02	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 09:02	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 09:02	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 09:02	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 09:02	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 09:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 09:02	1
Acetone	ND		10	7.4	ug/L			12/06/24 09:02	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 09:02	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 09:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510778/7
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 09:02	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 09:02	1
Bromoform	ND		5.0	1.9	ug/L			12/06/24 09:02	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 09:02	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 09:02	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 09:02	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 09:02	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 09:02	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 09:02	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 09:02	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 09:02	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 09:02	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 09:02	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 09:02	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 09:02	1
Ethanol	ND		100	52	ug/L			12/06/24 09:02	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 09:02	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 09:02	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 09:02	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 09:02	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 09:02	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 09:02	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 09:02	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 09:02	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 09:02	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 09:02	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 09:02	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 09:02	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 09:02	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 09:02	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 09:02	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 09:02	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 09:02	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 09:02	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 09:02	1
Toluene	ND		1.0	0.30	ug/L			12/06/24 09:02	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 09:02	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 09:02	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 09:02	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 09:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*12/06/24 09:02*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/06/24 09:02*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*12/06/24 09:02*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/06/24 09:02*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510778/1003
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.91		ug/L		95	80 - 122
1,1,1-Trichloroethane	20.0	19.33		ug/L		97	78 - 125
1,1,2,2-Tetrachloroethane	20.0	19.70		ug/L		98	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.17		ug/L		96	72 - 138
1,1,2-Trichloroethane	20.0	20.07		ug/L		100	80 - 124
1,1-Dichloroethane	20.0	20.37		ug/L		102	80 - 127
1,1-Dichloroethene	20.0	20.68		ug/L		103	80 - 133
1,1-Dichloropropene	20.0	20.53		ug/L		103	79 - 126
1,2,3-Trichlorobenzene	20.0	19.61		ug/L		98	79 - 128
1,2,3-Trichloropropane	20.0	17.57		ug/L		88	71 - 128
1,2,4-Trichlorobenzene	20.0	18.92		ug/L		95	77 - 126
1,2,4-Trimethylbenzene	20.0	20.59		ug/L		103	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	16.79		ug/L		84	66 - 122
1,2-Dibromoethane	20.0	20.29		ug/L		101	80 - 120
1,2-Dichlorobenzene	20.0	19.87		ug/L		99	80 - 121
1,2-Dichloroethane	20.0	19.93		ug/L		100	77 - 122
1,2-Dichloropropane	20.0	20.67		ug/L		103	80 - 122
1,3,5-Trimethylbenzene	20.0	19.93		ug/L		100	80 - 123
1,3-Dichlorobenzene	20.0	19.68		ug/L		98	80 - 120
1,3-Dichloropropane	20.0	20.27		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	19.57		ug/L		98	80 - 120
2,2-Dichloropropane	20.0	18.77		ug/L		94	68 - 143
2-Butanone (MEK)	20.0	19.19		ug/L		96	61 - 139
2-Chlorotoluene	20.0	19.18		ug/L		96	80 - 121
2-Hexanone	20.0	14.32		ug/L		72	63 - 134
4-Chlorotoluene	20.0	20.03		ug/L		100	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	17.13		ug/L		86	67 - 125
Acetone	20.0	17.07		ug/L		85	45 - 150
Benzene	20.0	20.59		ug/L		103	80 - 121
Bromobenzene	20.0	19.19		ug/L		96	80 - 120
Bromochloromethane	20.0	20.51		ug/L		103	80 - 121
Bromodichloromethane	20.0	19.33		ug/L		97	80 - 121
Bromoform	20.0	18.07		ug/L		90	78 - 124
Bromomethane	20.0	22.75	J	ug/L		114	48 - 156
cis-1,2-Dichloroethene	20.0	20.21		ug/L		101	80 - 125
cis-1,3-Dichloropropene	20.0	21.26		ug/L		106	80 - 120
Carbon disulfide	20.0	19.00		ug/L		95	76 - 129
Carbon tetrachloride	20.0	19.20		ug/L		96	71 - 137
Chlorobenzene	20.0	19.63		ug/L		98	80 - 120
Chloroethane	20.0	21.01		ug/L		105	73 - 138
Chloroform	20.0	20.30		ug/L		101	80 - 121
Chloromethane	20.0	19.93		ug/L		100	57 - 138
Dibromochloromethane	20.0	18.22		ug/L		91	80 - 126
Dibromomethane	20.0	19.64		ug/L		98	80 - 120
Dichlorodifluoromethane	20.0	18.12		ug/L		91	44 - 148
Di-isopropyl ether (DIPE)	20.0	20.61		ug/L		103	75 - 134
Ethanol	200	272.2		ug/L		136	50 - 168
Ethylbenzene	20.0	19.91		ug/L		100	80 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510778/1003
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethyl-t-butyl ether (ETBE)	20.0	19.25		ug/L		96	80 - 124
Isopropylbenzene	20.0	18.57		ug/L		93	80 - 121
Methylene Chloride	20.0	20.46		ug/L		102	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	18.92		ug/L		95	78 - 123
Naphthalene	20.0	19.90		ug/L		100	65 - 133
n-Butylbenzene	20.0	20.23		ug/L		101	80 - 125
N-Propylbenzene	20.0	19.82		ug/L		99	80 - 125
o-Xylene	20.0	19.94		ug/L		100	80 - 122
m,p-Xylene	40.0	40.51		ug/L		101	80 - 123
p-Isopropyltoluene	20.0	20.30		ug/L		102	80 - 124
sec-Butylbenzene	20.0	20.08		ug/L		100	80 - 122
Styrene	20.0	19.81		ug/L		99	80 - 120
trans-1,2-Dichloroethene	20.0	19.56		ug/L		98	80 - 122
trans-1,3-Dichloropropene	20.0	17.09		ug/L		85	80 - 125
Tert-amyl-methyl ether (TAME)	20.0	18.14		ug/L		91	74 - 125
tert-Butyl alcohol (TBA)	100	107.4		ug/L		107	70 - 141
tert-Butylbenzene	20.0	19.88		ug/L		99	80 - 122
Tetrachloroethene	20.0	19.43		ug/L		97	80 - 122
Toluene	20.0	19.99		ug/L		100	80 - 120
Trichloroethene	20.0	19.72		ug/L		99	80 - 120
Trichlorofluoromethane	20.0	19.19		ug/L		96	67 - 142
Vinyl acetate	20.0	17.73		ug/L		89	62 - 140
Vinyl chloride	20.0	20.25		ug/L		101	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	18.26		ug/L		91	80 - 122	3	20
1,1,1-Trichloroethane	20.0	18.54		ug/L		93	78 - 125	4	20
1,1,2,2-Tetrachloroethane	20.0	20.26		ug/L		101	79 - 127	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.98		ug/L		90	72 - 138	6	20
1,1,2-Trichloroethane	20.0	20.10		ug/L		100	80 - 124	0	20
1,1-Dichloroethane	20.0	19.61		ug/L		98	80 - 127	4	20
1,1-Dichloroethene	20.0	19.78		ug/L		99	80 - 133	4	20
1,1-Dichloropropene	20.0	20.05		ug/L		100	79 - 126	2	20
1,2,3-Trichlorobenzene	20.0	19.41		ug/L		97	79 - 128	1	20
1,2,3-Trichloropropane	20.0	17.52		ug/L		88	71 - 128	0	20
1,2,4-Trichlorobenzene	20.0	18.98		ug/L		95	77 - 126	0	20
1,2,4-Trimethylbenzene	20.0	20.20		ug/L		101	80 - 121	2	20
1,2-Dibromo-3-Chloropropane	20.0	17.52		ug/L		88	66 - 122	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane			20.0	19.60		ug/L		98	80 - 120	3	20
1,2-Dichlorobenzene			20.0	19.48		ug/L		97	80 - 121	2	20
1,2-Dichloroethane			20.0	19.40		ug/L		97	77 - 122	3	20
1,2-Dichloropropane			20.0	19.97		ug/L		100	80 - 122	3	20
1,3,5-Trimethylbenzene			20.0	19.37		ug/L		97	80 - 123	3	20
1,3-Dichlorobenzene			20.0	19.30		ug/L		96	80 - 120	2	20
1,3-Dichloropropane			20.0	20.32		ug/L		102	80 - 121	0	20
1,4-Dichlorobenzene			20.0	19.12		ug/L		96	80 - 120	2	20
2,2-Dichloropropane			20.0	17.71		ug/L		89	68 - 143	6	20
2-Butanone (MEK)			20.0	19.10		ug/L		95	61 - 139	1	25
2-Chlorotoluene			20.0	18.97		ug/L		95	80 - 121	1	20
2-Hexanone			20.0	13.75		ug/L		69	63 - 134	4	21
4-Chlorotoluene			20.0	19.33		ug/L		97	80 - 121	4	20
4-Methyl-2-pentanone (MIBK)			20.0	17.43		ug/L		87	67 - 125	2	20
Acetone			20.0	16.16		ug/L		81	45 - 150	5	23
Benzene			20.0	20.06		ug/L		100	80 - 121	3	20
Bromobenzene			20.0	19.18		ug/L		96	80 - 120	0	20
Bromochloromethane			20.0	19.94		ug/L		100	80 - 121	3	20
Bromodichloromethane			20.0	19.16		ug/L		96	80 - 121	1	20
Bromoform			20.0	17.94		ug/L		90	78 - 124	1	20
Bromomethane			20.0	19.64	J	ug/L		98	48 - 156	15	21
cis-1,2-Dichloroethene			20.0	19.34		ug/L		97	80 - 125	4	20
cis-1,3-Dichloropropene			20.0	20.70		ug/L		103	80 - 120	3	20
Carbon disulfide			20.0	18.80		ug/L		94	76 - 129	1	20
Carbon tetrachloride			20.0	18.96		ug/L		95	71 - 137	1	20
Chlorobenzene			20.0	19.43		ug/L		97	80 - 120	1	20
Chloroethane			20.0	19.88		ug/L		99	73 - 138	6	20
Chloroform			20.0	19.71		ug/L		99	80 - 121	3	20
Chloromethane			20.0	19.48		ug/L		97	57 - 138	2	20
Dibromochloromethane			20.0	17.79		ug/L		89	80 - 126	2	20
Dibromomethane			20.0	19.82		ug/L		99	80 - 120	1	20
Dichlorodifluoromethane			20.0	17.08		ug/L		85	44 - 148	6	28
Di-isopropyl ether (DIPE)			20.0	20.18		ug/L		101	75 - 134	2	20
Ethanol			200	241.7		ug/L		121	50 - 168	12	29
Ethylbenzene			20.0	19.34		ug/L		97	80 - 121	3	20
Ethyl-t-butyl ether (ETBE)			20.0	18.90		ug/L		94	80 - 124	2	20
Isopropylbenzene			20.0	17.99		ug/L		90	80 - 121	3	20
Methylene Chloride			20.0	19.59		ug/L		98	80 - 121	4	20
Methyl-t-Butyl Ether (MTBE)			20.0	18.51		ug/L		93	78 - 123	2	20
Naphthalene			20.0	19.94		ug/L		100	65 - 133	0	20
n-Butylbenzene			20.0	19.95		ug/L		100	80 - 125	1	20
N-Propylbenzene			20.0	19.46		ug/L		97	80 - 125	2	20
o-Xylene			20.0	19.70		ug/L		98	80 - 122	1	20
m,p-Xylene			40.0	39.27		ug/L		98	80 - 123	3	20
p-Isopropyltoluene			20.0	19.81		ug/L		99	80 - 124	2	20
sec-Butylbenzene			20.0	19.48		ug/L		97	80 - 122	3	20
Styrene			20.0	19.25		ug/L		96	80 - 120	3	20
trans-1,2-Dichloroethene			20.0	18.85		ug/L		94	80 - 122	4	20
trans-1,3-Dichloropropene			20.0	16.95		ug/L		85	80 - 125	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tert-amyl-methyl ether (TAME)			20.0	18.12		ug/L		91	74 - 125	0	20
tert-Butyl alcohol (TBA)			100	104.2		ug/L		104	70 - 141	3	20
tert-Butylbenzene			20.0	19.68		ug/L		98	80 - 122	1	20
Tetrachloroethene			20.0	18.81		ug/L		94	80 - 122	3	20
Toluene			20.0	19.49		ug/L		97	80 - 120	3	20
Trichloroethene			20.0	18.67		ug/L		93	80 - 120	5	20
Trichlorofluoromethane			20.0	18.18		ug/L		91	67 - 142	5	20
Vinyl acetate			20.0	17.23		ug/L		86	62 - 140	3	21
Vinyl chloride			20.0	19.34		ug/L		97	66 - 136	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/06/24 09:29	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/06/24 09:29	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/06/24 09:29	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/06/24 09:29	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/06/24 09:29	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/06/24 09:29	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/06/24 09:29	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/06/24 09:29	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/06/24 09:29	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/06/24 09:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.020	0.0098	mg/Kg			12/06/24 09:29	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/06/24 09:29	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/06/24 09:29	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/06/24 09:29	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/06/24 09:29	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/06/24 09:29	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/06/24 09:29	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/06/24 09:29	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/06/24 09:29	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/06/24 09:29	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/06/24 09:29	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/06/24 09:29	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/06/24 09:29	1
Ethanol	ND		0.25	0.092	mg/Kg			12/06/24 09:29	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/06/24 09:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/06/24 09:29	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/06/24 09:29	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/06/24 09:29	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/06/24 09:29	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/06/24 09:29	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/06/24 09:29	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/06/24 09:29	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/06/24 09:29	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/06/24 09:29	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/06/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*32 - 179*		*12/06/24 09:29*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		12/06/24 09:29	1
Dibromofluoromethane (Surr)	95		58 - 147		12/06/24 09:29	1
Toluene-d8 (Surr)	106		80 - 120		12/06/24 09:29	1

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05593		mg/Kg		112	80 - 125
1,1,1-Trichloroethane	0.0500	0.05619		mg/Kg		112	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04977		mg/Kg		100	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05361		mg/Kg		107	73 - 130
1,1,2-Trichloroethane	0.0500	0.05127		mg/Kg		103	80 - 123
1,1-Dichloroethane	0.0500	0.05194		mg/Kg		104	79 - 124
1,1-Dichloroethene	0.0500	0.05273		mg/Kg		105	74 - 132
1,1-Dichloropropene	0.0500	0.05633		mg/Kg		113	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05500		mg/Kg		110	80 - 123
1,2,3-Trichloropropane	0.0500	0.05356		mg/Kg		107	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05674		mg/Kg		113	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05530		mg/Kg		111	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04600		mg/Kg		92	67 - 120
1,2-Dibromoethane	0.0500	0.05473		mg/Kg		109	80 - 120
1,2-Dichlorobenzene	0.0500	0.05519		mg/Kg		110	80 - 120
1,2-Dichloroethane	0.0500	0.05365		mg/Kg		107	77 - 120
1,2-Dichloropropane	0.0500	0.05262		mg/Kg		105	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05869		mg/Kg		117	80 - 121
1,3-Dichlorobenzene	0.0500	0.05645		mg/Kg		113	80 - 120
1,3-Dichloropropane	0.0500	0.05315		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0500	0.05526		mg/Kg		111	80 - 120
2,2-Dichloropropane	0.0500	0.05457		mg/Kg		109	73 - 135
2-Butanone (MEK)	0.0500	0.04822		mg/Kg		96	67 - 136
2-Chlorotoluene	0.0500	0.05758		mg/Kg		115	80 - 120
2-Hexanone	0.0500	0.04898		mg/Kg		98	70 - 137
4-Chlorotoluene	0.0500	0.05516		mg/Kg		110	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04849		mg/Kg		97	74 - 124
Acetone	0.0500	0.04988		mg/Kg		100	61 - 142
Benzene	0.0500	0.05433		mg/Kg		109	80 - 120
Bromobenzene	0.0500	0.05737		mg/Kg		115	80 - 120
Bromochloromethane	0.0500	0.05400		mg/Kg		108	80 - 120
Bromodichloromethane	0.0500	0.05506		mg/Kg		110	80 - 125
Bromoform	0.0500	0.05026		mg/Kg		101	74 - 138
Bromomethane	0.0500	0.05822		mg/Kg		116	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05212		mg/Kg		104	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05540		mg/Kg		111	80 - 123
Carbon disulfide	0.0500	0.05226		mg/Kg		105	68 - 128
Carbon tetrachloride	0.0500	0.05653		mg/Kg		113	75 - 140
Chlorobenzene	0.0500	0.05658		mg/Kg		113	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	0.0500	0.05448		mg/Kg		109	76 - 137
Chloroform	0.0500	0.05398		mg/Kg		108	80 - 121
Chloromethane	0.0500	0.04980		mg/Kg		100	74 - 133
Dibromochloromethane	0.0500	0.05473		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05226		mg/Kg		105	80 - 120
Dichlorodifluoromethane	0.0500	0.05339		mg/Kg		107	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05069		mg/Kg		101	73 - 132
Ethanol	0.500	0.4993		mg/Kg		100	46 - 159
Ethylbenzene	0.0500	0.05717		mg/Kg		114	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05060		mg/Kg		101	77 - 129
Isopropylbenzene	0.0500	0.05769		mg/Kg		115	80 - 122
Methylene Chloride	0.0500	0.05123		mg/Kg		102	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05055		mg/Kg		101	79 - 123
Naphthalene	0.0500	0.05110		mg/Kg		102	79 - 121
n-Butylbenzene	0.0500	0.05780		mg/Kg		116	79 - 131
N-Propylbenzene	0.0500	0.05847		mg/Kg		117	80 - 122
o-Xylene	0.0500	0.05683		mg/Kg		114	80 - 120
m,p-Xylene	0.100	0.1151		mg/Kg		115	80 - 120
p-Isopropyltoluene	0.0500	0.05708		mg/Kg		114	80 - 126
sec-Butylbenzene	0.0500	0.05586		mg/Kg		112	80 - 125
Styrene	0.0500	0.05713		mg/Kg		114	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05278		mg/Kg		106	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05416		mg/Kg		108	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04960		mg/Kg		99	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2446		mg/Kg		98	74 - 123
tert-Butylbenzene	0.0500	0.05494		mg/Kg		110	80 - 124
Tetrachloroethene	0.0500	0.05648		mg/Kg		113	80 - 122
Toluene	0.0500	0.05324		mg/Kg		106	80 - 120
Trichloroethene	0.0500	0.05473		mg/Kg		109	80 - 127
Trichlorofluoromethane	0.0500	0.05568		mg/Kg		111	70 - 144
Vinyl acetate	0.0500	0.04989		mg/Kg		100	71 - 125
Vinyl chloride	0.0500	0.05239		mg/Kg		105	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05499		mg/Kg		110	80 - 125	2	20
1,1,1-Trichloroethane	0.0500	0.05467		mg/Kg		109	78 - 130	3	20
1,1,2,2-Tetrachloroethane	0.0500	0.04996		mg/Kg		100	80 - 124	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05299		mg/Kg		106	73 - 130	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0500	0.05059		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane	0.0500	0.05174		mg/Kg		103	79 - 124	0	20
1,1-Dichloroethene	0.0500	0.05251		mg/Kg		105	74 - 132	0	20
1,1-Dichloropropene	0.0500	0.05491		mg/Kg		110	78 - 130	3	20
1,2,3-Trichlorobenzene	0.0500	0.05536		mg/Kg		111	80 - 123	1	20
1,2,3-Trichloropropane	0.0500	0.05298		mg/Kg		106	79 - 120	1	20
1,2,4-Trichlorobenzene	0.0500	0.05611		mg/Kg		112	80 - 125	1	20
1,2,4-Trimethylbenzene	0.0500	0.05562		mg/Kg		111	80 - 124	1	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04645		mg/Kg		93	67 - 120	1	20
1,2-Dibromoethane	0.0500	0.05356		mg/Kg		107	80 - 120	2	20
1,2-Dichlorobenzene	0.0500	0.05479		mg/Kg		110	80 - 120	1	20
1,2-Dichloroethane	0.0500	0.05351		mg/Kg		107	77 - 120	0	20
1,2-Dichloropropane	0.0500	0.05165		mg/Kg		103	80 - 126	2	20
1,3,5-Trimethylbenzene	0.0500	0.05741		mg/Kg		115	80 - 121	2	20
1,3-Dichlorobenzene	0.0500	0.05658		mg/Kg		113	80 - 120	0	20
1,3-Dichloropropane	0.0500	0.05225		mg/Kg		104	80 - 120	2	20
1,4-Dichlorobenzene	0.0500	0.05601		mg/Kg		112	80 - 120	1	20
2,2-Dichloropropane	0.0500	0.05385		mg/Kg		108	73 - 135	1	20
2-Butanone (MEK)	0.0500	0.05001		mg/Kg		100	67 - 136	4	20
2-Chlorotoluene	0.0500	0.05649		mg/Kg		113	80 - 120	2	20
2-Hexanone	0.0500	0.04663		mg/Kg		93	70 - 137	5	20
4-Chlorotoluene	0.0500	0.05466		mg/Kg		109	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.04760		mg/Kg		95	74 - 124	2	20
Acetone	0.0500	0.04763		mg/Kg		95	61 - 142	5	23
Benzene	0.0500	0.05327		mg/Kg		107	80 - 120	2	20
Bromobenzene	0.0500	0.05634		mg/Kg		113	80 - 120	2	20
Bromochloromethane	0.0500	0.05348		mg/Kg		107	80 - 120	1	20
Bromodichloromethane	0.0500	0.05422		mg/Kg		108	80 - 125	2	20
Bromoform	0.0500	0.04905		mg/Kg		98	74 - 138	2	20
Bromomethane	0.0500	0.05818		mg/Kg		116	58 - 136	0	20
cis-1,2-Dichloroethene	0.0500	0.05298		mg/Kg		106	80 - 124	2	20
cis-1,3-Dichloropropene	0.0500	0.05434		mg/Kg		109	80 - 123	2	20
Carbon disulfide	0.0500	0.05147		mg/Kg		103	68 - 128	2	20
Carbon tetrachloride	0.0500	0.05472		mg/Kg		109	75 - 140	3	20
Chlorobenzene	0.0500	0.05528		mg/Kg		111	80 - 120	2	20
Chloroethane	0.0500	0.05489		mg/Kg		110	76 - 137	1	20
Chloroform	0.0500	0.05310		mg/Kg		106	80 - 121	2	20
Chloromethane	0.0500	0.05024		mg/Kg		100	74 - 133	1	20
Dibromochloromethane	0.0500	0.05291		mg/Kg		106	80 - 132	3	20
Dibromomethane	0.0500	0.05092		mg/Kg		102	80 - 120	3	20
Dichlorodifluoromethane	0.0500	0.05330		mg/Kg		107	63 - 146	0	20
Di-isopropyl ether (DIPE)	0.0500	0.04913		mg/Kg		98	73 - 132	3	20
Ethanol	0.500	0.4880		mg/Kg		98	46 - 159	2	30
Ethylbenzene	0.0500	0.05539		mg/Kg		111	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.04985		mg/Kg		100	77 - 129	1	20
Isopropylbenzene	0.0500	0.05623		mg/Kg		112	80 - 122	3	20
Methylene Chloride	0.0500	0.05057		mg/Kg		101	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04957		mg/Kg		99	79 - 123	2	20
Naphthalene	0.0500	0.05130		mg/Kg		103	79 - 121	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene			0.0500	0.05791		mg/Kg		116	79 - 131	0	20
N-Propylbenzene			0.0500	0.05698		mg/Kg		114	80 - 122	3	20
o-Xylene			0.0500	0.05488		mg/Kg		110	80 - 120	3	20
m,p-Xylene			0.100	0.1127		mg/Kg		113	80 - 120	2	20
p-Isopropyltoluene			0.0500	0.05769		mg/Kg		115	80 - 126	1	20
sec-Butylbenzene			0.0500	0.05632		mg/Kg		113	80 - 125	1	20
Styrene			0.0500	0.05563		mg/Kg		111	80 - 120	3	20
trans-1,2-Dichloroethene			0.0500	0.05263		mg/Kg		105	75 - 123	0	20
trans-1,3-Dichloropropene			0.0500	0.05144		mg/Kg		103	80 - 124	5	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04874		mg/Kg		97	80 - 120	2	20
tert-Butyl alcohol (TBA)			0.250	0.2358		mg/Kg		94	74 - 123	4	20
tert-Butylbenzene			0.0500	0.05531		mg/Kg		111	80 - 124	1	20
Tetrachloroethene			0.0500	0.05564		mg/Kg		111	80 - 122	1	20
Toluene			0.0500	0.05232		mg/Kg		105	80 - 120	2	20
Trichloroethene			0.0500	0.05418		mg/Kg		108	80 - 127	1	20
Trichlorofluoromethane			0.0500	0.05515		mg/Kg		110	70 - 144	1	20
Vinyl acetate			0.0500	0.04771		mg/Kg		95	71 - 125	4	20
Vinyl chloride			0.0500	0.05119		mg/Kg		102	79 - 133	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*58 - 147*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.77	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,2-Dichlorobenzene	ND		10	0.59	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,3-Dichlorobenzene	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,4-Dichlorobenzene	ND		10	0.70	ug/L		12/05/24 09:15	12/09/24 14:51	1
1-Methylnaphthalene	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dimethylphenol	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrophenol	ND		50	13	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chloronaphthalene	ND		10	0.69	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chlorophenol	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylnaphthalene	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylphenol	ND		10	0.80	ug/L		12/05/24 09:15	12/09/24 14:51	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Nitrophenol	ND		10	2.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
3,3'-Dichlorobenzidine	ND		10	2.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
3/4-Methylphenol	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
3-Nitroaniline	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloroaniline	ND		10	0.92	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chlorophenyl phenyl ether	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitroaniline	ND		10	2.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitrophenol	ND		10	3.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
Acenaphthene	ND		10	0.91	ug/L		12/05/24 09:15	12/09/24 14:51	1
Acenaphthylene	ND		10	0.87	ug/L		12/05/24 09:15	12/09/24 14:51	1
Aniline	ND		10	0.79	ug/L		12/05/24 09:15	12/09/24 14:51	1
Anthracene	ND		10	0.98	ug/L		12/05/24 09:15	12/09/24 14:51	1
Azobenzene	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzidine	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]anthracene	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[b]fluoranthene	ND		10	1.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzoic acid	ND		50	15	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzyl alcohol	ND		10	2.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethyl)ether	ND		25	7.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		10	4.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Butyl benzyl phthalate	ND		10	4.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Chrysene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenz(a,h)anthracene	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenzofuran	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Diethyl phthalate	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dimethyl phthalate	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-butyl phthalate	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-octyl phthalate	ND		10	4.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluoranthene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluorene	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorobenzene	ND		10	0.89	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloroethane	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
Indeno[1,2,3-cd]pyrene	ND		10	3.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Isophorone	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Naphthalene	ND		10	3.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Nitrobenzene	ND		25	7.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodimethylamine	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodi-n-propylamine	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pentachlorophenol	ND		10	4.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenanthrene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenol	ND		10	0.42	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyrene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyridine	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*27 - 140*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
2-Fluorobiphenyl (Surr)	*80*		*28 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
2-Fluorophenol (Surr)	*43*		*20 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
Nitrobenzene-d5 (Surr)	*75*		*31 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
p-Terphenyl-d14 (Surr)	*88*		*45 - 136*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
Phenol-d6 (Surr)	*24*		*20 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	100	71.24		ug/L		71	20 - 120
1,2-Dichlorobenzene	100	68.84		ug/L		69	16 - 122
1,3-Dichlorobenzene	100	64.70		ug/L		65	14 - 120
1,4-Dichlorobenzene	100	62.83		ug/L		63	15 - 120
1-Methylnaphthalene	100	69.53		ug/L		70	21 - 129
2,4,5-Trichlorophenol	100	77.75		ug/L		78	26 - 144
2,4,6-Trichlorophenol	100	77.91		ug/L		78	27 - 143
2,4-Dichlorophenol	100	76.63		ug/L		77	22 - 128
2,4-Dimethylphenol	100	68.66		ug/L		69	20 - 125
2,4-Dinitrophenol	100	80.89		ug/L		81	10 - 180
2,4-Dinitrotoluene	100	73.98		ug/L		74	28 - 160
2,6-Dichlorophenol	100	77.82		ug/L		78	22 - 124
2,6-Dinitrotoluene	100	74.96		ug/L		75	30 - 157
2-Chloronaphthalene	100	69.42		ug/L		69	25 - 141
2-Chlorophenol	100	73.35		ug/L		73	22 - 129
2-Methylnaphthalene	100	73.92		ug/L		74	19 - 120
2-Methylphenol	100	69.54		ug/L		70	15 - 130
2-Nitroaniline	100	58.07		ug/L		58	17 - 141
2-Nitrophenol	100	65.27		ug/L		65	23 - 128
3,3'-Dichlorobenzidine	100	46.77		ug/L		47	18 - 162
3/4-Methylphenol	200	123.8		ug/L		62	10 - 120
3-Nitroaniline	100	70.54		ug/L		71	17 - 152
4,6-Dinitro-2-methylphenol	100	78.37		ug/L		78	11 - 159
4-Bromophenyl phenyl ether	100	67.57		ug/L		68	29 - 161
4-Chloro-3-methylphenol	100	69.85		ug/L		70	23 - 135
4-Chloroaniline	100	57.89		ug/L		58	10 - 127
4-Chlorophenyl phenyl ether	100	75.95		ug/L		76	27 - 150
4-Nitroaniline	100	80.08		ug/L		80	16 - 151

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	100	31.53		ug/L		32	10 - 120
Acenaphthene	100	64.98		ug/L		65	26 - 143
Acenaphthylene	100	63.27		ug/L		63	21 - 156
Aniline	100	12.44		ug/L		12	10 - 120
Anthracene	100	67.13		ug/L		67	28 - 155
Azobenzene	100	47.71		ug/L		48	19 - 146
Benzidine	100	34.83	J	ug/L		35	10 - 120
Benzo[a]anthracene	100	68.70		ug/L		69	26 - 159
Benzo[a]pyrene	100	72.23		ug/L		72	27 - 164
Benzo[b]fluoranthene	100	76.03		ug/L		76	26 - 166
Benzo[g,h,i]perylene	100	65.73		ug/L		66	26 - 162
Benzo[k]fluoranthene	100	73.17		ug/L		73	30 - 165
Benzoic acid	100	35.91	J	ug/L		36	10 - 123
Benzyl alcohol	100	66.51		ug/L		67	10 - 151
Bis(2-chloroethoxy)methane	100	60.84		ug/L		61	19 - 129
Bis(2-chloroethyl)ether	100	59.46		ug/L		59	19 - 136
bis (2-Chloroisopropyl) ether	100	41.70		ug/L		42	10 - 154
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L		58	27 - 163
Butyl benzyl phthalate	100	58.38		ug/L		58	26 - 161
Chrysene	100	65.80		ug/L		66	26 - 153
Dibenz(a,h)anthracene	100	71.11		ug/L		71	26 - 153
Dibenzofuran	100	70.67		ug/L		71	27 - 139
Diethyl phthalate	100	69.36		ug/L		69	28 - 149
Dimethyl phthalate	100	74.24		ug/L		74	29 - 148
Di-n-butyl phthalate	100	59.56		ug/L		60	30 - 151
Di-n-octyl phthalate	100	59.51		ug/L		60	40 - 166
Fluoranthene	100	66.24		ug/L		66	28 - 159
Fluorene	100	73.47		ug/L		73	26 - 149
Hexachloro-1,3-butadiene	100	75.99		ug/L		76	17 - 120
Hexachlorobenzene	100	61.03		ug/L		61	20 - 157
Hexachlorocyclopentadiene	100	77.53		ug/L		78	21 - 145
Hexachloroethane	100	57.57		ug/L		58	11 - 121
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L		72	23 - 162
Isophorone	100	55.25		ug/L		55	15 - 146
Naphthalene	100	66.02		ug/L		66	19 - 120
Nitrobenzene	100	57.31		ug/L		57	17 - 120
N-Nitrosodimethylamine	100	34.19		ug/L		34	10 - 120
N-Nitrosodi-n-propylamine	100	58.34		ug/L		58	19 - 138
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L		75	30 - 168
Pentachlorophenol	100	74.69		ug/L		75	10 - 153
Phenanthrene	100	64.20		ug/L		64	27 - 150
Phenol	100	27.87		ug/L		28	10 - 120
Pyrene	100	67.27		ug/L		67	23 - 153
Pyridine	100	ND	*-	ug/L		0	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*27 - 140*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	68		28 - 120
2-Fluorophenol (Surr)	43		20 - 120
Nitrobenzene-d5 (Surr)	59		31 - 120
p-Terphenyl-d14 (Surr)	78		45 - 136
Phenol-d6 (Surr)	28		20 - 120

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			100	91.43		ug/L		91	20 - 120	25	27
1,2-Dichlorobenzene			100	84.49		ug/L		84	16 - 122	20	30
1,3-Dichlorobenzene			100	85.15		ug/L		85	14 - 120	27	30
1,4-Dichlorobenzene			100	78.06		ug/L		78	15 - 120	22	30
1-Methylnaphthalene			100	83.31		ug/L		83	21 - 129	18	26
2,4,5-Trichlorophenol			100	97.39		ug/L		97	26 - 144	22	27
2,4,6-Trichlorophenol			100	98.44		ug/L		98	27 - 143	23	27
2,4-Dichlorophenol			100	93.19		ug/L		93	22 - 128	19	24
2,4-Dimethylphenol			100	81.38		ug/L		81	20 - 125	17	23
2,4-Dinitrophenol			100	81.91		ug/L		82	10 - 180	1	30
2,4-Dinitrotoluene			100	100.2	*1	ug/L		100	28 - 160	30	27
2,6-Dichlorophenol			100	91.96		ug/L		92	22 - 124	17	24
2,6-Dinitrotoluene			100	94.23		ug/L		94	30 - 157	23	26
2-Chloronaphthalene			100	90.38		ug/L		90	25 - 141	26	27
2-Chlorophenol			100	84.33		ug/L		84	22 - 129	14	27
2-Methylnaphthalene			100	94.20		ug/L		94	19 - 120	24	25
2-Methylphenol			100	78.01		ug/L		78	15 - 130	11	27
2-Nitroaniline			100	73.30		ug/L		73	17 - 141	23	30
2-Nitrophenol			100	88.75	*1	ug/L		89	23 - 128	30	27
3,3'-Dichlorobenzidine			100	89.01	*1	ug/L		89	18 - 162	62	30
3/4-Methylphenol			200	145.8		ug/L		73	10 - 120	16	30
3-Nitroaniline			100	94.28		ug/L		94	17 - 152	29	30
4,6-Dinitro-2-methylphenol			100	94.84		ug/L		95	11 - 159	19	27
4-Bromophenyl phenyl ether			100	96.87	*1	ug/L		97	29 - 161	36	25
4-Chloro-3-methylphenol			100	84.46		ug/L		84	23 - 135	19	21
4-Chloroaniline			100	78.76	*1	ug/L		79	10 - 127	31	30
4-Chlorophenyl phenyl ether			100	99.04	*1	ug/L		99	27 - 150	26	25
4-Nitroaniline			100	104.6		ug/L		105	16 - 151	27	30
4-Nitrophenol			100	35.29		ug/L		35	10 - 120	11	29
Acenaphthene			100	87.95	*1	ug/L		88	26 - 143	30	26
Acenaphthylene			100	83.62	*1	ug/L		84	21 - 156	28	27
Aniline			100	68.19	*1	ug/L		68	10 - 120	138	30
Anthracene			100	86.43		ug/L		86	28 - 155	25	25
Azobenzene			100	66.26	*1	ug/L		66	19 - 146	33	24
Benzidine			100	47.42	J *1	ug/L		47	10 - 120	31	30
Benzo[a]anthracene			100	89.92	*1	ug/L		90	26 - 159	27	24
Benzo[a]pyrene			100	92.00		ug/L		92	27 - 164	24	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene			100	97.29		ug/L		97	26 - 166	25	25
Benzo[g,h,i]perylene			100	88.20	*1	ug/L		88	26 - 162	29	26
Benzo[k]fluoranthene			100	91.02		ug/L		91	30 - 165	22	25
Benzoic acid			100	20.45	J *1	ug/L		20	10 - 123	55	30
Benzyl alcohol			100	68.14		ug/L		68	10 - 151	2	25
Bis(2-chloroethoxy)methane			100	73.19		ug/L		73	19 - 129	18	25
Bis(2-chloroethyl)ether			100	73.74		ug/L		74	19 - 136	21	29
bis (2-Chloroisopropyl) ether			100	51.19		ug/L		51	10 - 154	20	28
Bis(2-ethylhexyl) phthalate			100	76.10	*1	ug/L		76	27 - 163	28	24
Butyl benzyl phthalate			100	75.44		ug/L		75	26 - 161	25	25
Chrysene			100	86.84	*1	ug/L		87	26 - 153	28	24
Dibenz(a,h)anthracene			100	97.78	*1	ug/L		98	26 - 153	32	26
Dibenzofuran			100	92.73	*1	ug/L		93	27 - 139	27	25
Diethyl phthalate			100	91.69	*1	ug/L		92	28 - 149	28	25
Dimethyl phthalate			100	90.33		ug/L		90	29 - 148	20	24
Di-n-butyl phthalate			100	80.45	*1	ug/L		80	30 - 151	30	24
Di-n-octyl phthalate			100	77.96	*1	ug/L		78	40 - 166	27	22
Fluoranthene			100	93.10	*1	ug/L		93	28 - 159	34	26
Fluorene			100	94.21		ug/L		94	26 - 149	25	26
Hexachloro-1,3-butadiene			100	99.36		ug/L		99	17 - 120	27	28
Hexachlorobenzene			100	78.16		ug/L		78	20 - 157	25	25
Hexachlorocyclopentadiene			100	98.44		ug/L		98	21 - 145	24	30
Hexachloroethane			100	74.61		ug/L		75	11 - 121	26	30
Indeno[1,2,3-cd]pyrene			100	96.45		ug/L		96	23 - 162	29	30
Isophorone			100	72.01	*1	ug/L		72	15 - 146	26	24
Naphthalene			100	85.33		ug/L		85	19 - 120	26	26
Nitrobenzene			100	69.59		ug/L		70	17 - 120	19	26
N-Nitrosodimethylamine			100	37.80		ug/L		38	10 - 120	10	30
N-Nitrosodi-n-propylamine			100	79.90	*1	ug/L		80	19 - 138	31	27
n-Nitrosodiphenylamine(as diphenylamine)			100	104.7	*1	ug/L		105	30 - 168	33	25
Pentachlorophenol			100	104.3	*1	ug/L		104	10 - 153	33	29
Phenanthrene			100	87.11	*1	ug/L		87	27 - 150	30	24
Phenol			100	29.41		ug/L		29	10 - 120	5	26
Pyrene			100	85.86		ug/L		86	23 - 153	24	27
Pyridine			100	41.87	*1	ug/L		42	10 - 120	200	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*112*		*27 - 140*
2-Fluorobiphenyl (Surr)	*89*		*28 - 120*
2-Fluorophenol (Surr)	*49*		*20 - 120*
Nitrobenzene-d5 (Surr)	*72*		*31 - 120*
p-Terphenyl-d14 (Surr)	*98*		*45 - 136*
Phenol-d6 (Surr)	*30*		*20 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510959/1-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Aniline	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Anthracene	ND		0.50	0.078	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzidine	ND		5.0	0.58	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Chrysene	ND		0.50	0.083	mg/Kg		12/06/24 13:15	12/10/24 09:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510959/1-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Fluorene	ND		0.50	0.094	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Isophorone	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Phenol	ND		0.50	0.097	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pyridine	ND		0.50	0.24	mg/Kg		12/06/24 13:15	12/10/24 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 134*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
2-Fluorobiphenyl (Surr)	*83*		*14 - 142*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 123*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
Nitrobenzene-d5 (Surr)	*91*		*10 - 129*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
p-Terphenyl-d14 (Surr)	*80*		*31 - 139*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/06/24 13:15*	*12/10/24 09:48*	*1*

Lab Sample ID: LCS 570-510959/2-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.559		mg/Kg		91	24 - 137
1,2-Dichlorobenzene	5.00	4.374		mg/Kg		87	24 - 148
1,3-Dichlorobenzene	5.00	4.271		mg/Kg		85	22 - 144
1,4-Dichlorobenzene	5.00	3.956		mg/Kg		79	24 - 143
1-Methylnaphthalene	5.00	4.081		mg/Kg		82	26 - 143
2,4,5-Trichlorophenol	5.00	4.468		mg/Kg		89	24 - 139
2,4,6-Trichlorophenol	5.00	4.799		mg/Kg		96	26 - 140
2,4-Dichlorophenol	5.00	4.356		mg/Kg		87	24 - 139
2,4-Dimethylphenol	5.00	4.593		mg/Kg		92	23 - 136
2,4-Dinitrophenol	5.00	3.826		mg/Kg		77	10 - 174

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510959/2-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	5.00	4.611		mg/Kg		92	28 - 166
2,6-Dichlorophenol	5.00	4.688		mg/Kg		94	23 - 134
2,6-Dinitrotoluene	5.00	4.611		mg/Kg		92	30 - 157
2-Chloronaphthalene	5.00	4.568		mg/Kg		91	30 - 144
2-Chlorophenol	5.00	4.752		mg/Kg		95	26 - 157
2-Methylnaphthalene	5.00	4.734		mg/Kg		95	23 - 134
2-Methylphenol	5.00	5.052		mg/Kg		101	30 - 161
2-Nitroaniline	5.00	4.067		mg/Kg		81	16 - 142
2-Nitrophenol	5.00	4.216		mg/Kg		84	23 - 142
3,3'-Dichlorobenzidine	5.00	3.338		mg/Kg		67	28 - 143
3/4-Methylphenol	10.0	9.767		mg/Kg		98	10 - 120
3-Nitroaniline	5.00	4.106		mg/Kg		82	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.532		mg/Kg		91	10 - 144
4-Bromophenyl phenyl ether	5.00	4.090		mg/Kg		82	33 - 150
4-Chloro-3-methylphenol	5.00	4.679		mg/Kg		94	23 - 142
4-Chloroaniline	5.00	3.524		mg/Kg		70	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.406		mg/Kg		88	29 - 143
4-Nitroaniline	5.00	4.470		mg/Kg		89	26 - 147
4-Nitrophenol	5.00	3.138		mg/Kg		63	10 - 145
Acenaphthene	5.00	4.493		mg/Kg		90	30 - 144
Acenaphthylene	5.00	4.279		mg/Kg		86	28 - 148
Aniline	5.00	3.714		mg/Kg		74	10 - 120
Anthracene	5.00	4.400		mg/Kg		88	30 - 149
Azobenzene	5.00	4.268		mg/Kg		85	14 - 147
Benzidine	5.00	1.181	J	mg/Kg		24	10 - 120
Benzo[a]anthracene	5.00	4.383		mg/Kg		88	27 - 156
Benzo[a]pyrene	5.00	4.768		mg/Kg		95	36 - 157
Benzo[b]fluoranthene	5.00	4.578		mg/Kg		92	35 - 159
Benzo[g,h,i]perylene	5.00	4.327		mg/Kg		87	30 - 156
Benzo[k]fluoranthene	5.00	4.894		mg/Kg		98	35 - 159
Benzoic acid	5.00	2.274	J	mg/Kg		45	10 - 136
Benzyl alcohol	5.00	4.493		mg/Kg		90	18 - 154
Bis(2-chloroethoxy)methane	5.00	5.097		mg/Kg		102	21 - 140
Bis(2-chloroethyl)ether	5.00	4.677		mg/Kg		94	22 - 151
bis (2-Chloroisopropyl) ether	5.00	4.036		mg/Kg		81	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.280		mg/Kg		86	23 - 166
Butyl benzyl phthalate	5.00	4.124		mg/Kg		82	18 - 170
Chrysene	5.00	4.256		mg/Kg		85	28 - 145
Dibenz(a,h)anthracene	5.00	4.262		mg/Kg		85	32 - 149
Dibenzofuran	5.00	4.620		mg/Kg		92	29 - 143
Diethyl phthalate	5.00	4.343		mg/Kg		87	26 - 151
Dimethyl phthalate	5.00	3.956		mg/Kg		79	27 - 150
Di-n-butyl phthalate	5.00	4.076		mg/Kg		82	27 - 152
Di-n-octyl phthalate	5.00	4.473		mg/Kg		89	40 - 178
Fluoranthene	5.00	4.160		mg/Kg		83	33 - 156
Fluorene	5.00	4.590		mg/Kg		92	27 - 146
Hexachloro-1,3-butadiene	5.00	4.627		mg/Kg		93	22 - 140
Hexachlorobenzene	5.00	3.926		mg/Kg		79	20 - 143
Hexachlorocyclopentadiene	5.00	4.802		mg/Kg		96	10 - 172

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510959/2-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloroethane	5.00	4.048		mg/Kg		81	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.744		mg/Kg		95	38 - 157
Isophorone	5.00	4.161		mg/Kg		83	15 - 165
Naphthalene	5.00	4.341		mg/Kg		87	25 - 140
Nitrobenzene	5.00	4.680		mg/Kg		94	17 - 136
N-Nitrosodimethylamine	5.00	4.553		mg/Kg		91	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.220		mg/Kg		84	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.144		mg/Kg		103	33 - 166
Pentachlorophenol	5.00	3.918		mg/Kg		78	10 - 141
Phenanthrene	5.00	4.345		mg/Kg		87	29 - 144
Phenol	5.00	4.575		mg/Kg		92	19 - 164
Pyrene	5.00	4.616		mg/Kg		92	17 - 156
Pyridine	5.00	3.382		mg/Kg		68	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*
2-Fluorobiphenyl (Surr)	*86*		*14 - 142*
2-Fluorophenol (Surr)	*90*		*10 - 123*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*
Phenol-d6 (Surr)	*95*		*10 - 120*

Lab Sample ID: LCSD 570-510959/3-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.412		mg/Kg		88	24 - 137	3	30
1,2-Dichlorobenzene	5.00	4.302		mg/Kg		86	24 - 148	2	30
1,3-Dichlorobenzene	5.00	4.140		mg/Kg		83	22 - 144	3	30
1,4-Dichlorobenzene	5.00	3.834		mg/Kg		77	24 - 143	3	30
1-Methylnaphthalene	5.00	4.227		mg/Kg		85	26 - 143	4	24
2,4,5-Trichlorophenol	5.00	4.619		mg/Kg		92	24 - 139	3	21
2,4,6-Trichlorophenol	5.00	4.597		mg/Kg		92	26 - 140	4	23
2,4-Dichlorophenol	5.00	4.723		mg/Kg		94	24 - 139	8	27
2,4-Dimethylphenol	5.00	4.889		mg/Kg		98	23 - 136	6	27
2,4-Dinitrophenol	5.00	3.818		mg/Kg		76	10 - 174	0	27
2,4-Dinitrotoluene	5.00	4.845		mg/Kg		97	28 - 166	5	27
2,6-Dichlorophenol	5.00	4.624		mg/Kg		92	23 - 134	1	25
2,6-Dinitrotoluene	5.00	4.678		mg/Kg		94	30 - 157	1	25
2-Chloronaphthalene	5.00	4.310		mg/Kg		86	30 - 144	6	22
2-Chlorophenol	5.00	4.598		mg/Kg		92	26 - 157	3	30
2-Methylnaphthalene	5.00	4.591		mg/Kg		92	23 - 134	3	27
2-Methylphenol	5.00	4.893		mg/Kg		98	30 - 161	3	28
2-Nitroaniline	5.00	3.928		mg/Kg		79	16 - 142	3	30
2-Nitrophenol	5.00	4.538		mg/Kg		91	23 - 142	7	30
3,3'-Dichlorobenzidine	5.00	3.583		mg/Kg		72	28 - 143	7	23
3/4-Methylphenol	10.0	9.670		mg/Kg		97	10 - 120	1	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510959/3-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Nitroaniline	5.00	4.165		mg/Kg		83	25 - 138	1	27
4,6-Dinitro-2-methylphenol	5.00	4.498		mg/Kg		90	10 - 144	1	23
4-Bromophenyl phenyl ether	5.00	4.144		mg/Kg		83	33 - 150	1	22
4-Chloro-3-methylphenol	5.00	4.792		mg/Kg		96	23 - 142	2	30
4-Chloroaniline	5.00	3.670		mg/Kg		73	12 - 120	4	29
4-Chlorophenyl phenyl ether	5.00	4.772		mg/Kg		95	29 - 143	8	23
4-Nitroaniline	5.00	4.562		mg/Kg		91	26 - 147	2	29
4-Nitrophenol	5.00	3.492		mg/Kg		70	10 - 145	11	30
Acenaphthene	5.00	4.544		mg/Kg		91	30 - 144	1	22
Acenaphthylene	5.00	4.541		mg/Kg		91	28 - 148	6	25
Aniline	5.00	3.860		mg/Kg		77	10 - 120	4	30
Anthracene	5.00	4.379		mg/Kg		88	30 - 149	0	24
Azobenzene	5.00	4.479		mg/Kg		90	14 - 147	5	30
Benzidine	5.00	1.274	J	mg/Kg		25	10 - 120	8	30
Benzo[a]anthracene	5.00	4.644		mg/Kg		93	27 - 156	6	24
Benzo[a]pyrene	5.00	5.117		mg/Kg		102	36 - 157	7	21
Benzo[b]fluoranthene	5.00	4.863		mg/Kg		97	35 - 159	6	21
Benzo[g,h,i]perylene	5.00	4.413		mg/Kg		88	30 - 156	2	25
Benzo[k]fluoranthene	5.00	5.026		mg/Kg		101	35 - 159	3	22
Benzoic acid	5.00	2.360	J	mg/Kg		47	10 - 136	4	20
Benzyl alcohol	5.00	4.626		mg/Kg		93	18 - 154	3	30
Bis(2-chloroethoxy)methane	5.00	4.997		mg/Kg		100	21 - 140	2	29
Bis(2-chloroethyl)ether	5.00	4.735		mg/Kg		95	22 - 151	1	30
bis (2-Chloroisopropyl) ether	5.00	3.902		mg/Kg		78	10 - 179	3	30
Bis(2-ethylhexyl) phthalate	5.00	4.517		mg/Kg		90	23 - 166	5	27
Butyl benzyl phthalate	5.00	4.344		mg/Kg		87	18 - 170	5	29
Chrysene	5.00	4.341		mg/Kg		87	28 - 145	2	21
Dibenz(a,h)anthracene	5.00	4.670		mg/Kg		93	32 - 149	9	25
Dibenzofuran	5.00	4.708		mg/Kg		94	29 - 143	2	24
Diethyl phthalate	5.00	4.329		mg/Kg		87	26 - 151	0	26
Dimethyl phthalate	5.00	4.214		mg/Kg		84	27 - 150	6	24
Di-n-butyl phthalate	5.00	4.334		mg/Kg		87	27 - 152	6	27
Di-n-octyl phthalate	5.00	4.560		mg/Kg		91	40 - 178	2	21
Fluoranthene	5.00	4.469		mg/Kg		89	33 - 156	7	26
Fluorene	5.00	4.806		mg/Kg		96	27 - 146	5	26
Hexachloro-1,3-butadiene	5.00	4.856		mg/Kg		97	22 - 140	5	30
Hexachlorobenzene	5.00	3.929		mg/Kg		79	20 - 143	0	25
Hexachlorocyclopentadiene	5.00	4.712		mg/Kg		94	10 - 172	2	27
Hexachloroethane	5.00	3.956		mg/Kg		79	22 - 144	2	30
Indeno[1,2,3-cd]pyrene	5.00	4.787		mg/Kg		96	38 - 157	1	25
Isophorone	5.00	4.784		mg/Kg		96	15 - 165	14	30
Naphthalene	5.00	4.553		mg/Kg		91	25 - 140	5	28
Nitrobenzene	5.00	4.915		mg/Kg		98	17 - 136	5	30
N-Nitrosodimethylamine	5.00	3.990		mg/Kg		80	10 - 134	13	30
N-Nitrosodi-n-propylamine	5.00	4.202		mg/Kg		84	16 - 158	0	30
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.036		mg/Kg		101	33 - 166	2	23
Pentachlorophenol	5.00	3.905		mg/Kg		78	10 - 141	0	25
Phenanthrene	5.00	4.323		mg/Kg		86	29 - 144	1	23

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510959/3-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510959

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol			5.00	4.505		mg/Kg		90	19 - 164	2	30
Pyrene			5.00	4.780		mg/Kg		96	17 - 156	3	27
Pyridine			5.00	3.087		mg/Kg		62	10 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*
2-Fluorophenol (Surr)	*87*		*10 - 123*
Nitrobenzene-d5 (Surr)	*90*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*92*		*10 - 120*

Lab Sample ID: 570-209623-5 MS
Matrix: Solid
Analysis Batch: 512012

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.69	4.522		mg/Kg	☼	79	50 - 125
1,2-Dichlorobenzene	ND		5.69	4.689		mg/Kg	☼	82	42 - 125
1,3-Dichlorobenzene	ND		5.69	4.161		mg/Kg	☼	73	40 - 125
1,4-Dichlorobenzene	ND		5.69	4.048		mg/Kg	☼	71	45 - 125
1-Methylnaphthalene	ND		5.69	4.602		mg/Kg	☼	81	54 - 125
2,4,5-Trichlorophenol	ND		5.69	4.524		mg/Kg	☼	79	35 - 125
2,4,6-Trichlorophenol	ND		5.69	4.578		mg/Kg	☼	80	33 - 126
2,4-Dichlorophenol	ND		5.69	4.849		mg/Kg	☼	85	45 - 125
2,4-Dimethylphenol	ND		5.69	4.090		mg/Kg	☼	72	44 - 125
2,4-Dinitrophenol	ND	F2	5.69	3.059		mg/Kg	☼	54	10 - 125
2,4-Dinitrotoluene	ND		5.69	5.118		mg/Kg	☼	90	47 - 125
2,6-Dichlorophenol	ND		5.69	4.716		mg/Kg	☼	83	38 - 125
2,6-Dinitrotoluene	ND		5.69	4.802		mg/Kg	☼	84	41 - 125
2-Chloronaphthalene	ND		5.69	4.410		mg/Kg	☼	77	47 - 125
2-Chlorophenol	ND		5.69	4.706		mg/Kg	☼	83	49 - 125
2-Methylnaphthalene	ND		5.69	5.344		mg/Kg	☼	94	42 - 125
2-Methylphenol	ND		5.69	4.821		mg/Kg	☼	85	46 - 125
2-Nitroaniline	ND		5.69	4.317		mg/Kg	☼	76	43 - 125
2-Nitrophenol	ND		5.69	4.667		mg/Kg	☼	82	25 - 126
3,3'-Dichlorobenzidine	ND		5.69	3.893		mg/Kg	☼	68	29 - 125
3/4-Methylphenol	ND		11.4	9.567		mg/Kg	☼	84	26 - 125
3-Nitroaniline	ND		5.69	4.438		mg/Kg	☼	78	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.69	4.761		mg/Kg	☼	84	10 - 125
4-Bromophenyl phenyl ether	ND		5.69	4.385		mg/Kg	☼	77	47 - 125
4-Chloro-3-methylphenol	ND		5.69	4.739		mg/Kg	☼	83	53 - 125
4-Chloroaniline	ND		5.69	3.826		mg/Kg	☼	67	33 - 125
4-Chlorophenyl phenyl ether	ND		5.69	4.403		mg/Kg	☼	77	49 - 125
4-Nitroaniline	ND		5.69	4.643		mg/Kg	☼	82	35 - 125
4-Nitrophenol	ND		5.69	3.929		mg/Kg	☼	69	22 - 134
Acenaphthene	ND		5.69	4.275		mg/Kg	☼	75	51 - 125
Acenaphthylene	ND		5.69	4.112		mg/Kg	☼	72	54 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-5 MS
Matrix: Solid
Analysis Batch: 512012

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aniline	ND		5.69	2.758		mg/Kg	☼	48	24 - 125
Anthracene	ND		5.69	4.697		mg/Kg	☼	83	50 - 125
Azobenzene	ND		5.69	4.155		mg/Kg	☼	73	48 - 125
Benzidine	ND	F1	5.69	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.69	4.740		mg/Kg	☼	83	62 - 125
Benzo[a]pyrene	ND		5.69	4.629		mg/Kg	☼	81	55 - 131
Benzo[b]fluoranthene	ND		5.69	4.449		mg/Kg	☼	78	49 - 128
Benzo[g,h,i]perylene	ND		5.69	4.397		mg/Kg	☼	77	56 - 125
Benzo[k]fluoranthene	ND		5.69	4.518		mg/Kg	☼	79	48 - 125
Benzoic acid	ND		5.69	1.401	J	mg/Kg	☼	25	10 - 125
Benzyl alcohol	ND		5.69	4.751		mg/Kg	☼	83	47 - 125
Bis(2-chloroethoxy)methane	ND		5.69	4.401		mg/Kg	☼	77	48 - 125
Bis(2-chloroethyl)ether	ND		5.69	4.521		mg/Kg	☼	79	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.69	3.999		mg/Kg	☼	70	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.69	4.936		mg/Kg	☼	87	50 - 125
Butyl benzyl phthalate	ND		5.69	4.964		mg/Kg	☼	87	58 - 125
Chrysene	ND		5.69	4.601		mg/Kg	☼	81	53 - 125
Dibenz(a,h)anthracene	ND		5.69	4.749		mg/Kg	☼	83	57 - 125
Dibenzofuran	ND		5.69	4.367		mg/Kg	☼	77	47 - 125
Diethyl phthalate	ND		5.69	4.437		mg/Kg	☼	78	53 - 125
Dimethyl phthalate	ND		5.69	4.309		mg/Kg	☼	76	52 - 125
Di-n-butyl phthalate	ND		5.69	4.740		mg/Kg	☼	83	49 - 125
Di-n-octyl phthalate	ND		5.69	4.900		mg/Kg	☼	86	57 - 125
Fluoranthene	ND		5.69	4.864		mg/Kg	☼	85	50 - 125
Fluorene	ND		5.69	4.442		mg/Kg	☼	78	54 - 125
Hexachloro-1,3-butadiene	ND		5.69	4.659		mg/Kg	☼	82	43 - 125
Hexachlorobenzene	ND		5.69	4.333		mg/Kg	☼	76	55 - 125
Hexachlorocyclopentadiene	ND		5.69	3.457		mg/Kg	☼	61	10 - 150
Hexachloroethane	ND		5.69	3.761		mg/Kg	☼	66	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.69	4.816		mg/Kg	☼	85	55 - 125
Isophorone	ND		5.69	4.036		mg/Kg	☼	71	50 - 125
Naphthalene	ND		5.69	4.418		mg/Kg	☼	78	39 - 127
Nitrobenzene	ND		5.69	4.259		mg/Kg	☼	75	43 - 125
N-Nitrosodimethylamine	ND		5.69	3.603		mg/Kg	☼	63	36 - 125
N-Nitrosodi-n-propylamine	ND		5.69	4.261		mg/Kg	☼	75	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.69	5.272		mg/Kg	☼	93	57 - 134
Pentachlorophenol	ND		5.69	3.450		mg/Kg	☼	61	10 - 125
Phenanthrene	ND		5.69	4.563		mg/Kg	☼	80	51 - 125
Phenol	ND		5.69	4.808		mg/Kg	☼	84	45 - 125
Pyrene	ND		5.69	4.826		mg/Kg	☼	85	56 - 125
Pyridine	ND		5.69	3.708		mg/Kg	☼	65	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*
2-Fluorophenol (Surr)	*83*		*10 - 123*
Nitrobenzene-d5 (Surr)	*69*		*10 - 129*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-5 MS
Matrix: Solid
Analysis Batch: 512012

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510959

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14 (Surr)	*79*		*31 - 139*
Phenol-d6 (Surr)	*86*		*10 - 120*

Lab Sample ID: 570-209623-5 MSD
Matrix: Solid
Analysis Batch: 512012

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.71	4.839		mg/Kg	☼	85	50 - 125	7	20
1,2-Dichlorobenzene	ND		5.71	4.702		mg/Kg	☼	82	42 - 125	0	20
1,3-Dichlorobenzene	ND		5.71	4.539		mg/Kg	☼	80	40 - 125	9	21
1,4-Dichlorobenzene	ND		5.71	4.195		mg/Kg	☼	74	45 - 125	4	24
1-Methylnaphthalene	ND		5.71	4.831		mg/Kg	☼	85	54 - 125	5	20
2,4,5-Trichlorophenol	ND		5.71	5.239		mg/Kg	☼	92	35 - 125	15	20
2,4,6-Trichlorophenol	ND		5.71	4.967		mg/Kg	☼	87	33 - 126	8	20
2,4-Dichlorophenol	ND		5.71	5.265		mg/Kg	☼	92	45 - 125	8	20
2,4-Dimethylphenol	ND		5.71	4.333		mg/Kg	☼	76	44 - 125	6	20
2,4-Dinitrophenol	ND	F2	5.71	4.465	F2	mg/Kg	☼	78	10 - 125	37	22
2,4-Dinitrotoluene	ND		5.71	5.862		mg/Kg	☼	103	47 - 125	14	20
2,6-Dichlorophenol	ND		5.71	5.037		mg/Kg	☼	88	38 - 125	7	20
2,6-Dinitrotoluene	ND		5.71	5.215		mg/Kg	☼	91	41 - 125	8	20
2-Chloronaphthalene	ND		5.71	4.645		mg/Kg	☼	81	47 - 125	5	20
2-Chlorophenol	ND		5.71	4.950		mg/Kg	☼	87	49 - 125	5	20
2-Methylnaphthalene	ND		5.71	5.608		mg/Kg	☼	98	42 - 125	5	20
2-Methylphenol	ND		5.71	4.747		mg/Kg	☼	83	46 - 125	2	20
2-Nitroaniline	ND		5.71	4.755		mg/Kg	☼	83	43 - 125	10	20
2-Nitrophenol	ND		5.71	5.194		mg/Kg	☼	91	25 - 126	11	21
3,3'-Dichlorobenzidine	ND		5.71	4.054		mg/Kg	☼	71	29 - 125	4	20
3/4-Methylphenol	ND		11.4	10.35		mg/Kg	☼	91	26 - 125	8	20
3-Nitroaniline	ND		5.71	4.727		mg/Kg	☼	83	39 - 125	6	20
4,6-Dinitro-2-methylphenol	ND		5.71	5.599		mg/Kg	☼	98	10 - 125	16	24
4-Bromophenyl phenyl ether	ND		5.71	4.692		mg/Kg	☼	82	47 - 125	7	20
4-Chloro-3-methylphenol	ND		5.71	5.384		mg/Kg	☼	94	53 - 125	13	20
4-Chloroaniline	ND		5.71	4.070		mg/Kg	☼	71	33 - 125	6	20
4-Chlorophenyl phenyl ether	ND		5.71	4.874		mg/Kg	☼	85	49 - 125	10	20
4-Nitroaniline	ND		5.71	5.343		mg/Kg	☼	94	35 - 125	14	20
4-Nitrophenol	ND		5.71	4.506		mg/Kg	☼	79	22 - 134	14	21
Acenaphthene	ND		5.71	4.733		mg/Kg	☼	83	51 - 125	10	20
Acenaphthylene	ND		5.71	4.463		mg/Kg	☼	78	54 - 125	8	20
Aniline	ND		5.71	2.944		mg/Kg	☼	52	24 - 125	7	20
Anthracene	ND		5.71	5.095		mg/Kg	☼	89	50 - 125	8	20
Azobenzene	ND		5.71	4.467		mg/Kg	☼	78	48 - 125	7	20
Benzidine	ND	F1	5.71	0.8076	J	mg/Kg	☼	14	10 - 126	NC	30
Benzo[a]anthracene	ND		5.71	4.967		mg/Kg	☼	87	62 - 125	5	20
Benzo[a]pyrene	ND		5.71	4.908		mg/Kg	☼	86	55 - 131	6	20
Benzo[b]fluoranthene	ND		5.71	4.929		mg/Kg	☼	86	49 - 128	10	20
Benzo[g,h,i]perylene	ND		5.71	4.668		mg/Kg	☼	82	56 - 125	6	20
Benzo[k]fluoranthene	ND		5.71	4.653		mg/Kg	☼	82	48 - 125	3	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-5 MSD
Matrix: Solid
Analysis Batch: 512012

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzoic acid	ND		5.71	1.692	J	mg/Kg	☼	30	10 - 125	19	35
Benzyl alcohol	ND		5.71	5.112		mg/Kg	☼	90	47 - 125	7	20
Bis(2-chloroethoxy)methane	ND		5.71	4.526		mg/Kg	☼	79	48 - 125	3	20
Bis(2-chloroethyl)ether	ND		5.71	4.731		mg/Kg	☼	83	43 - 125	5	20
bis (2-Chloroisopropyl) ether	ND		5.71	4.154		mg/Kg	☼	73	46 - 125	4	20
Bis(2-ethylhexyl) phthalate	ND		5.71	5.222		mg/Kg	☼	92	50 - 125	6	20
Butyl benzyl phthalate	ND		5.71	5.301		mg/Kg	☼	93	58 - 125	7	20
Chrysene	ND		5.71	4.872		mg/Kg	☼	85	53 - 125	6	20
Dibenz(a,h)anthracene	ND		5.71	4.919		mg/Kg	☼	86	57 - 125	4	20
Dibenzofuran	ND		5.71	4.902		mg/Kg	☼	86	47 - 125	12	20
Diethyl phthalate	ND		5.71	4.987		mg/Kg	☼	87	53 - 125	12	20
Dimethyl phthalate	ND		5.71	4.707		mg/Kg	☼	83	52 - 125	9	20
Di-n-butyl phthalate	ND		5.71	5.067		mg/Kg	☼	89	49 - 125	7	20
Di-n-octyl phthalate	ND		5.71	5.132		mg/Kg	☼	90	57 - 125	5	20
Fluoranthene	ND		5.71	5.198		mg/Kg	☼	91	50 - 125	7	20
Fluorene	ND		5.71	4.967		mg/Kg	☼	87	54 - 125	11	20
Hexachloro-1,3-butadiene	ND		5.71	4.942		mg/Kg	☼	87	43 - 125	6	20
Hexachlorobenzene	ND		5.71	4.628		mg/Kg	☼	81	55 - 125	7	20
Hexachlorocyclopentadiene	ND		5.71	3.869		mg/Kg	☼	68	10 - 150	11	33
Hexachloroethane	ND		5.71	4.262		mg/Kg	☼	75	27 - 125	12	27
Indeno[1,2,3-cd]pyrene	ND		5.71	5.095		mg/Kg	☼	89	55 - 125	6	20
Isophorone	ND		5.71	4.226		mg/Kg	☼	74	50 - 125	5	20
Naphthalene	ND		5.71	4.733		mg/Kg	☼	83	39 - 127	7	20
Nitrobenzene	ND		5.71	4.375		mg/Kg	☼	77	43 - 125	3	20
N-Nitrosodimethylamine	ND		5.71	3.794		mg/Kg	☼	67	36 - 125	5	26
N-Nitrosodi-n-propylamine	ND		5.71	4.505		mg/Kg	☼	79	47 - 125	6	20
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.71	5.491		mg/Kg	☼	96	57 - 134	4	20
Pentachlorophenol	ND		5.71	3.649		mg/Kg	☼	64	10 - 125	6	20
Phenanthrene	ND		5.71	4.920		mg/Kg	☼	86	51 - 125	8	20
Phenol	ND		5.71	5.069		mg/Kg	☼	89	45 - 125	5	20
Pyrene	ND		5.71	5.069		mg/Kg	☼	89	56 - 125	5	20
Pyridine	ND		5.71	3.701		mg/Kg	☼	65	17 - 125	0	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*
2-Fluorophenol (Surr)	*89*		*10 - 123*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*89*		*10 - 120*

Lab Sample ID: MB 570-510973/1-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510973

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/06/24 13:32	12/11/24 10:43	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510973/1-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510973

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Aniline	ND		0.50	0.095	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Anthracene	ND		0.50	0.078	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzidine	ND		5.0	0.58	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Chrysene	ND		0.50	0.083	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/06/24 13:32	12/11/24 10:43	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510973/1-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510973

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Fluorene	ND		0.50	0.094	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Isophorone	ND		0.50	0.080	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Phenol	ND		0.50	0.097	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:32	12/11/24 10:43	1
Pyridine	ND		0.50	0.24	mg/Kg		12/06/24 13:32	12/11/24 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*	*12/06/24 13:32*	*12/11/24 10:43*	*1*
2-Fluorobiphenyl (Surr)	*77*		*14 - 142*	*12/06/24 13:32*	*12/11/24 10:43*	*1*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/06/24 13:32*	*12/11/24 10:43*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/06/24 13:32*	*12/11/24 10:43*	*1*
p-Terphenyl-d14 (Surr)	*69*		*31 - 139*	*12/06/24 13:32*	*12/11/24 10:43*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/06/24 13:32*	*12/11/24 10:43*	*1*

Lab Sample ID: LCS 570-510973/2-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.463		mg/Kg		89	24 - 137
1,2-Dichlorobenzene	5.00	4.208		mg/Kg		84	24 - 148
1,3-Dichlorobenzene	5.00	4.079		mg/Kg		82	22 - 144
1,4-Dichlorobenzene	5.00	3.903		mg/Kg		78	24 - 143
1-Methylnaphthalene	5.00	3.947		mg/Kg		79	26 - 143
2,4,5-Trichlorophenol	5.00	4.712		mg/Kg		94	24 - 139
2,4,6-Trichlorophenol	5.00	4.589		mg/Kg		92	26 - 140
2,4-Dichlorophenol	5.00	4.446		mg/Kg		89	24 - 139
2,4-Dimethylphenol	5.00	4.403		mg/Kg		88	23 - 136
2,4-Dinitrophenol	5.00	5.062		mg/Kg		101	10 - 174
2,4-Dinitrotoluene	5.00	4.425		mg/Kg		89	28 - 166
2,6-Dichlorophenol	5.00	4.426		mg/Kg		89	23 - 134
2,6-Dinitrotoluene	5.00	4.580		mg/Kg		92	30 - 157

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510973/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 512551
Prep Batch: 510973

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	5.00	4.741		mg/Kg		95	30 - 144
2-Chlorophenol	5.00	4.481		mg/Kg		90	26 - 157
2-Methylnaphthalene	5.00	4.481		mg/Kg		90	23 - 134
2-Methylphenol	5.00	4.714		mg/Kg		94	30 - 161
2-Nitroaniline	5.00	4.159		mg/Kg		83	16 - 142
2-Nitrophenol	5.00	4.069		mg/Kg		81	23 - 142
3,3'-Dichlorobenzidine	5.00	3.301		mg/Kg		66	28 - 143
3/4-Methylphenol	10.0	8.775		mg/Kg		88	10 - 120
3-Nitroaniline	5.00	3.886		mg/Kg		78	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.869		mg/Kg		97	10 - 144
4-Bromophenyl phenyl ether	5.00	4.301		mg/Kg		86	33 - 150
4-Chloro-3-methylphenol	5.00	4.413		mg/Kg		88	23 - 142
4-Chloroaniline	5.00	3.243		mg/Kg		65	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.511		mg/Kg		90	29 - 143
4-Nitroaniline	5.00	4.562		mg/Kg		91	26 - 147
4-Nitrophenol	5.00	3.377		mg/Kg		68	10 - 145
Acenaphthene	5.00	4.564		mg/Kg		91	30 - 144
Acenaphthylene	5.00	4.318		mg/Kg		86	28 - 148
Aniline	5.00	3.495		mg/Kg		70	10 - 120
Anthracene	5.00	4.452		mg/Kg		89	30 - 149
Azobenzene	5.00	4.573		mg/Kg		91	14 - 147
Benzidine	5.00	0.9337	J	mg/Kg		19	10 - 120
Benzo[a]anthracene	5.00	4.497		mg/Kg		90	27 - 156
Benzo[a]pyrene	5.00	4.565		mg/Kg		91	36 - 157
Benzo[b]fluoranthene	5.00	4.352		mg/Kg		87	35 - 159
Benzo[g,h,i]perylene	5.00	4.179		mg/Kg		84	30 - 156
Benzo[k]fluoranthene	5.00	4.762		mg/Kg		95	35 - 159
Benzoic acid	5.00	2.751		mg/Kg		55	10 - 136
Benzyl alcohol	5.00	4.182		mg/Kg		84	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.704		mg/Kg		94	21 - 140
Bis(2-chloroethyl)ether	5.00	4.331		mg/Kg		87	22 - 151
bis (2-Chloroisopropyl) ether	5.00	3.775		mg/Kg		76	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.113		mg/Kg		82	23 - 166
Butyl benzyl phthalate	5.00	4.031		mg/Kg		81	18 - 170
Chrysene	5.00	4.172		mg/Kg		83	28 - 145
Dibenz(a,h)anthracene	5.00	4.165		mg/Kg		83	32 - 149
Dibenzofuran	5.00	4.421		mg/Kg		88	29 - 143
Diethyl phthalate	5.00	4.093		mg/Kg		82	26 - 151
Dimethyl phthalate	5.00	4.239		mg/Kg		85	27 - 150
Di-n-butyl phthalate	5.00	4.058		mg/Kg		81	27 - 152
Di-n-octyl phthalate	5.00	4.261		mg/Kg		85	40 - 178
Fluoranthene	5.00	4.295		mg/Kg		86	33 - 156
Fluorene	5.00	4.647		mg/Kg		93	27 - 146
Hexachloro-1,3-butadiene	5.00	4.547		mg/Kg		91	22 - 140
Hexachlorobenzene	5.00	3.847		mg/Kg		77	20 - 143
Hexachlorocyclopentadiene	5.00	4.763		mg/Kg		95	10 - 172
Hexachloroethane	5.00	3.917		mg/Kg		78	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.590		mg/Kg		92	38 - 157
Isophorone	5.00	4.181		mg/Kg		84	15 - 165

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510973/2-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510973

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			5.00	4.017		mg/Kg		80	25 - 140		
Nitrobenzene			5.00	4.682		mg/Kg		94	17 - 136		
N-Nitrosodimethylamine			5.00	4.435		mg/Kg		89	10 - 134		
N-Nitrosodi-n-propylamine			5.00	3.700		mg/Kg		74	16 - 158		
n-Nitrosodiphenylamine(as diphenylamine)			5.00	5.030		mg/Kg		101	33 - 166		
Pentachlorophenol			5.00	4.229		mg/Kg		85	10 - 141		
Phenanthrene			5.00	4.386		mg/Kg		88	29 - 144		
Phenol			5.00	4.312		mg/Kg		86	19 - 164		
Pyrene			5.00	4.554		mg/Kg		91	17 - 156		
Pyridine			5.00	3.213		mg/Kg		64	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*
2-Fluorophenol (Surr)	*91*		*10 - 123*
Nitrobenzene-d5 (Surr)	*85*		*10 - 129*
p-Terphenyl-d14 (Surr)	*76*		*31 - 139*
Phenol-d6 (Surr)	*90*		*10 - 120*

Lab Sample ID: LCSD 570-510973/3-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510973

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.357		mg/Kg		87	24 - 137	2	30
1,2-Dichlorobenzene			5.00	3.713		mg/Kg		74	24 - 148	13	30
1,3-Dichlorobenzene			5.00	4.153		mg/Kg		83	22 - 144	2	30
1,4-Dichlorobenzene			5.00	3.739		mg/Kg		75	24 - 143	4	30
1-Methylnaphthalene			5.00	3.988		mg/Kg		80	26 - 143	1	24
2,4,5-Trichlorophenol			5.00	4.323		mg/Kg		86	24 - 139	9	21
2,4,6-Trichlorophenol			5.00	4.329		mg/Kg		87	26 - 140	6	23
2,4-Dichlorophenol			5.00	4.439		mg/Kg		89	24 - 139	0	27
2,4-Dimethylphenol			5.00	4.417		mg/Kg		88	23 - 136	0	27
2,4-Dinitrophenol			5.00	4.860		mg/Kg		97	10 - 174	4	27
2,4-Dinitrotoluene			5.00	4.245		mg/Kg		85	28 - 166	4	27
2,6-Dichlorophenol			5.00	4.437		mg/Kg		89	23 - 134	0	25
2,6-Dinitrotoluene			5.00	4.220		mg/Kg		84	30 - 157	8	25
2-Chloronaphthalene			5.00	4.366		mg/Kg		87	30 - 144	8	22
2-Chlorophenol			5.00	4.419		mg/Kg		88	26 - 157	1	30
2-Methylnaphthalene			5.00	4.513		mg/Kg		90	23 - 134	1	27
2-Methylphenol			5.00	4.625		mg/Kg		93	30 - 161	2	28
2-Nitroaniline			5.00	3.887		mg/Kg		78	16 - 142	7	30
2-Nitrophenol			5.00	4.089		mg/Kg		82	23 - 142	0	30
3,3'-Dichlorobenzidine			5.00	3.413		mg/Kg		68	28 - 143	3	23
3/4-Methylphenol			10.0	9.132		mg/Kg		91	10 - 120	4	30
3-Nitroaniline			5.00	3.931		mg/Kg		79	25 - 138	1	27
4,6-Dinitro-2-methylphenol			5.00	4.473		mg/Kg		89	10 - 144	8	23
4-Bromophenyl phenyl ether			5.00	4.077		mg/Kg		82	33 - 150	5	22

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510973/3-A
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloro-3-methylphenol	5.00	4.155		mg/Kg		83	23 - 142	6	30
4-Chloroaniline	5.00	3.322		mg/Kg		66	12 - 120	2	29
4-Chlorophenyl phenyl ether	5.00	4.253		mg/Kg		85	29 - 143	6	23
4-Nitroaniline	5.00	4.103		mg/Kg		82	26 - 147	11	29
4-Nitrophenol	5.00	3.084		mg/Kg		62	10 - 145	9	30
Acenaphthene	5.00	4.300		mg/Kg		86	30 - 144	6	22
Acenaphthylene	5.00	4.189		mg/Kg		84	28 - 148	3	25
Aniline	5.00	3.348		mg/Kg		67	10 - 120	4	30
Anthracene	5.00	4.220		mg/Kg		84	30 - 149	5	24
Azobenzene	5.00	4.354		mg/Kg		87	14 - 147	5	30
Benzidine	5.00	1.297	J *1	mg/Kg		26	10 - 120	33	30
Benzo[a]anthracene	5.00	4.651		mg/Kg		93	27 - 156	3	24
Benzo[a]pyrene	5.00	4.871		mg/Kg		97	36 - 157	6	21
Benzo[b]fluoranthene	5.00	4.521		mg/Kg		90	35 - 159	4	21
Benzo[g,h,i]perylene	5.00	4.566		mg/Kg		91	30 - 156	9	25
Benzo[k]fluoranthene	5.00	4.995		mg/Kg		100	35 - 159	5	22
Benzoic acid	5.00	2.732		mg/Kg		55	10 - 136	1	20
Benzyl alcohol	5.00	4.012		mg/Kg		80	18 - 154	4	30
Bis(2-chloroethoxy)methane	5.00	4.878		mg/Kg		98	21 - 140	4	29
Bis(2-chloroethyl)ether	5.00	4.304		mg/Kg		86	22 - 151	1	30
bis (2-Chloroisopropyl) ether	5.00	3.640		mg/Kg		73	10 - 179	4	30
Bis(2-ethylhexyl) phthalate	5.00	4.179		mg/Kg		84	23 - 166	2	27
Butyl benzyl phthalate	5.00	4.082		mg/Kg		82	18 - 170	1	29
Chrysene	5.00	4.112		mg/Kg		82	28 - 145	1	21
Dibenz(a,h)anthracene	5.00	4.645		mg/Kg		93	32 - 149	11	25
Dibenzofuran	5.00	4.375		mg/Kg		87	29 - 143	1	24
Diethyl phthalate	5.00	3.902		mg/Kg		78	26 - 151	5	26
Dimethyl phthalate	5.00	4.125		mg/Kg		82	27 - 150	3	24
Di-n-butyl phthalate	5.00	4.020		mg/Kg		80	27 - 152	1	27
Di-n-octyl phthalate	5.00	4.454		mg/Kg		89	40 - 178	4	21
Fluoranthene	5.00	4.252		mg/Kg		85	33 - 156	1	26
Fluorene	5.00	4.226		mg/Kg		85	27 - 146	9	26
Hexachloro-1,3-butadiene	5.00	4.422		mg/Kg		88	22 - 140	3	30
Hexachlorobenzene	5.00	3.734		mg/Kg		75	20 - 143	3	25
Hexachlorocyclopentadiene	5.00	4.564		mg/Kg		91	10 - 172	4	27
Hexachloroethane	5.00	3.877		mg/Kg		78	22 - 144	1	30
Indeno[1,2,3-cd]pyrene	5.00	5.003		mg/Kg		100	38 - 157	9	25
Isophorone	5.00	4.258		mg/Kg		85	15 - 165	2	30
Naphthalene	5.00	4.240		mg/Kg		85	25 - 140	5	28
Nitrobenzene	5.00	4.419		mg/Kg		88	17 - 136	6	30
N-Nitrosodimethylamine	5.00	4.239		mg/Kg		85	10 - 134	5	30
N-Nitrosodi-n-propylamine	5.00	4.013		mg/Kg		80	16 - 158	8	30
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.889		mg/Kg		98	33 - 166	3	23
Pentachlorophenol	5.00	3.925		mg/Kg		78	10 - 141	7	25
Phenanthrene	5.00	4.307		mg/Kg		86	29 - 144	2	23
Phenol	5.00	4.120		mg/Kg		82	19 - 164	5	30
Pyrene	5.00	4.530		mg/Kg		91	17 - 156	1	27
Pyridine	5.00	3.342		mg/Kg		67	10 - 120	4	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		10 - 134
2-Fluorobiphenyl (Surr)	82		14 - 142
2-Fluorophenol (Surr)	86		10 - 123
Nitrobenzene-d5 (Surr)	82		10 - 129
p-Terphenyl-d14 (Surr)	82		31 - 139
Phenol-d6 (Surr)	88		10 - 120

Lab Sample ID: 570-209623-18 MS
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.72	4.293		mg/Kg	☼	75	50 - 125
1,2-Dichlorobenzene	ND		5.72	4.006		mg/Kg	☼	70	42 - 125
1,3-Dichlorobenzene	ND		5.72	3.895		mg/Kg	☼	68	40 - 125
1,4-Dichlorobenzene	ND		5.72	3.781		mg/Kg	☼	66	45 - 125
1-Methylnaphthalene	ND		5.72	3.823		mg/Kg	☼	67	54 - 125
2,4,5-Trichlorophenol	ND		5.72	3.942		mg/Kg	☼	69	35 - 125
2,4,6-Trichlorophenol	ND		5.72	3.725		mg/Kg	☼	65	33 - 126
2,4-Dichlorophenol	ND		5.72	3.962		mg/Kg	☼	69	45 - 125
2,4-Dimethylphenol	ND	F1 F2	5.72	2.372	F1	mg/Kg	☼	41	44 - 125
2,4-Dinitrophenol	ND		5.72	4.140		mg/Kg	☼	72	10 - 125
2,4-Dinitrotoluene	ND		5.72	3.778		mg/Kg	☼	66	47 - 125
2,6-Dichlorophenol	ND		5.72	3.540		mg/Kg	☼	62	38 - 125
2,6-Dinitrotoluene	ND		5.72	4.179		mg/Kg	☼	73	41 - 125
2-Chloronaphthalene	ND		5.72	4.140		mg/Kg	☼	72	47 - 125
2-Chlorophenol	ND		5.72	4.030		mg/Kg	☼	70	49 - 125
2-Methylnaphthalene	ND		5.72	4.392		mg/Kg	☼	77	42 - 125
2-Methylphenol	ND	F2	5.72	3.539		mg/Kg	☼	62	46 - 125
2-Nitroaniline	ND		5.72	3.646		mg/Kg	☼	64	43 - 125
2-Nitrophenol	ND		5.72	4.127		mg/Kg	☼	72	25 - 126
3,3'-Dichlorobenzidine	ND		5.72	2.908		mg/Kg	☼	51	29 - 125
3/4-Methylphenol	ND	F2	11.4	7.506		mg/Kg	☼	66	26 - 125
3-Nitroaniline	ND		5.72	3.819		mg/Kg	☼	67	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.72	4.082		mg/Kg	☼	71	10 - 125
4-Bromophenyl phenyl ether	ND		5.72	3.815		mg/Kg	☼	67	47 - 125
4-Chloro-3-methylphenol	ND		5.72	4.072		mg/Kg	☼	71	53 - 125
4-Chloroaniline	ND		5.72	3.035		mg/Kg	☼	53	33 - 125
4-Chlorophenyl phenyl ether	ND		5.72	4.194		mg/Kg	☼	73	49 - 125
4-Nitroaniline	ND		5.72	3.920		mg/Kg	☼	69	35 - 125
4-Nitrophenol	ND		5.72	3.191		mg/Kg	☼	56	22 - 134
Acenaphthene	ND		5.72	3.851		mg/Kg	☼	67	51 - 125
Acenaphthylene	ND		5.72	3.944		mg/Kg	☼	69	54 - 125
Aniline	ND		5.72	2.686		mg/Kg	☼	47	24 - 125
Anthracene	ND		5.72	3.927		mg/Kg	☼	69	50 - 125
Azobenzene	ND		5.72	4.043		mg/Kg	☼	71	48 - 125
Benzidine	ND	*1 F1	5.72	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.72	4.170		mg/Kg	☼	73	62 - 125
Benzo[a]pyrene	ND		5.72	4.426		mg/Kg	☼	77	55 - 131
Benzo[b]fluoranthene	ND		5.72	4.163		mg/Kg	☼	73	49 - 128
Benzo[g,h,i]perylene	ND		5.72	3.924		mg/Kg	☼	69	56 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-18 MS
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	ND		5.72	4.446		mg/Kg	☼	78	48 - 125
Benzoic acid	ND	F1	5.72	ND	F1	mg/Kg	☼	0	10 - 125
Benzyl alcohol	ND		5.72	3.680		mg/Kg	☼	64	47 - 125
Bis(2-chloroethoxy)methane	ND		5.72	4.475		mg/Kg	☼	78	48 - 125
Bis(2-chloroethyl)ether	ND		5.72	4.292		mg/Kg	☼	75	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.72	3.585		mg/Kg	☼	63	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.72	3.747		mg/Kg	☼	66	50 - 125
Butyl benzyl phthalate	ND		5.72	3.531		mg/Kg	☼	62	58 - 125
Chrysene	ND		5.72	3.920		mg/Kg	☼	69	53 - 125
Dibenz(a,h)anthracene	ND		5.72	4.073		mg/Kg	☼	71	57 - 125
Dibenzofuran	ND		5.72	4.105		mg/Kg	☼	72	47 - 125
Diethyl phthalate	ND		5.72	3.803		mg/Kg	☼	67	53 - 125
Dimethyl phthalate	ND		5.72	3.726		mg/Kg	☼	65	52 - 125
Di-n-butyl phthalate	ND		5.72	3.622		mg/Kg	☼	63	49 - 125
Di-n-octyl phthalate	ND		5.72	3.957		mg/Kg	☼	69	57 - 125
Fluoranthene	ND		5.72	3.876		mg/Kg	☼	68	50 - 125
Fluorene	ND		5.72	4.319		mg/Kg	☼	76	54 - 125
Hexachloro-1,3-butadiene	ND		5.72	4.279		mg/Kg	☼	75	43 - 125
Hexachlorobenzene	ND		5.72	3.513		mg/Kg	☼	61	55 - 125
Hexachlorocyclopentadiene	ND		5.72	4.208		mg/Kg	☼	74	10 - 150
Hexachloroethane	ND		5.72	3.737		mg/Kg	☼	65	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.72	4.310		mg/Kg	☼	75	55 - 125
Isophorone	ND		5.72	4.100		mg/Kg	☼	72	50 - 125
Naphthalene	ND		5.72	4.082		mg/Kg	☼	71	39 - 127
Nitrobenzene	ND		5.72	4.328		mg/Kg	☼	76	43 - 125
N-Nitrosodimethylamine	ND		5.72	3.730		mg/Kg	☼	65	36 - 125
N-Nitrosodi-n-propylamine	ND		5.72	3.858		mg/Kg	☼	67	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	5.72	4.172		mg/Kg	☼	73	57 - 134
Pentachlorophenol	ND		5.72	3.347		mg/Kg	☼	59	10 - 125
Phenanthrene	ND		5.72	3.984		mg/Kg	☼	70	51 - 125
Phenol	ND		5.72	3.783		mg/Kg	☼	66	45 - 125
Pyrene	ND		5.72	4.000		mg/Kg	☼	70	56 - 125
Pyridine	ND		5.72	3.116		mg/Kg	☼	54	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 134*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*
2-Fluorophenol (Surr)	*68*		*10 - 123*
Nitrobenzene-d5 (Surr)	*66*		*10 - 129*
p-Terphenyl-d14 (Surr)	*63*		*31 - 139*
Phenol-d6 (Surr)	*67*		*10 - 120*

Lab Sample ID: 570-209623-18 MSD
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.70	4.381		mg/Kg	☼	77	50 - 125	2	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-18 MSD
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene	ND		5.70	4.371		mg/Kg	☼	77	42 - 125	9	20
1,3-Dichlorobenzene	ND		5.70	4.501		mg/Kg	☼	79	40 - 125	14	21
1,4-Dichlorobenzene	ND		5.70	3.989		mg/Kg	☼	70	45 - 125	5	24
1-Methylnaphthalene	ND		5.70	4.064		mg/Kg	☼	71	54 - 125	6	20
2,4,5-Trichlorophenol	ND		5.70	4.488		mg/Kg	☼	79	35 - 125	13	20
2,4,6-Trichlorophenol	ND		5.70	4.335		mg/Kg	☼	76	33 - 126	15	20
2,4-Dichlorophenol	ND		5.70	4.431		mg/Kg	☼	78	45 - 125	11	20
2,4-Dimethylphenol	ND	F1 F2	5.70	3.602	F2	mg/Kg	☼	63	44 - 125	41	20
2,4-Dinitrophenol	ND		5.70	4.757		mg/Kg	☼	83	10 - 125	14	22
2,4-Dinitrotoluene	ND		5.70	4.516		mg/Kg	☼	79	47 - 125	18	20
2,6-Dichlorophenol	ND		5.70	4.163		mg/Kg	☼	73	38 - 125	16	20
2,6-Dinitrotoluene	ND		5.70	4.433		mg/Kg	☼	78	41 - 125	6	20
2-Chloronaphthalene	ND		5.70	4.658		mg/Kg	☼	82	47 - 125	12	20
2-Chlorophenol	ND		5.70	4.596		mg/Kg	☼	81	49 - 125	13	20
2-Methylnaphthalene	ND		5.70	4.604		mg/Kg	☼	81	42 - 125	5	20
2-Methylphenol	ND	F2	5.70	4.851	F2	mg/Kg	☼	85	46 - 125	31	20
2-Nitroaniline	ND		5.70	4.090		mg/Kg	☼	72	43 - 125	12	20
2-Nitrophenol	ND		5.70	4.524		mg/Kg	☼	79	25 - 126	9	21
3,3'-Dichlorobenzidine	ND		5.70	3.428		mg/Kg	☼	60	29 - 125	16	20
3/4-Methylphenol	ND	F2	11.4	9.558	F2	mg/Kg	☼	84	26 - 125	24	20
3-Nitroaniline	ND		5.70	4.068		mg/Kg	☼	71	39 - 125	6	20
4,6-Dinitro-2-methylphenol	ND		5.70	4.812		mg/Kg	☼	84	10 - 125	16	24
4-Bromophenyl phenyl ether	ND		5.70	4.361		mg/Kg	☼	76	47 - 125	13	20
4-Chloro-3-methylphenol	ND		5.70	4.183		mg/Kg	☼	73	53 - 125	3	20
4-Chloroaniline	ND		5.70	3.576		mg/Kg	☼	63	33 - 125	16	20
4-Chlorophenyl phenyl ether	ND		5.70	4.652		mg/Kg	☼	82	49 - 125	10	20
4-Nitroaniline	ND		5.70	4.333		mg/Kg	☼	76	35 - 125	10	20
4-Nitrophenol	ND		5.70	3.384		mg/Kg	☼	59	22 - 134	6	21
Acenaphthene	ND		5.70	4.427		mg/Kg	☼	78	51 - 125	14	20
Acenaphthylene	ND		5.70	4.210		mg/Kg	☼	74	54 - 125	7	20
Aniline	ND		5.70	3.254		mg/Kg	☼	57	24 - 125	19	20
Anthracene	ND		5.70	4.482		mg/Kg	☼	79	50 - 125	13	20
Azobenzene	ND		5.70	4.727		mg/Kg	☼	83	48 - 125	16	20
Benzidine	ND	*1 F1	5.70	ND	F1	mg/Kg	☼	0	10 - 126	NC	30
Benzo[a]anthracene	ND		5.70	4.439		mg/Kg	☼	78	62 - 125	6	20
Benzo[a]pyrene	ND		5.70	4.876		mg/Kg	☼	86	55 - 131	10	20
Benzo[b]fluoranthene	ND		5.70	4.609		mg/Kg	☼	81	49 - 128	10	20
Benzo[g,h,i]perylene	ND		5.70	4.249		mg/Kg	☼	75	56 - 125	8	20
Benzo[k]fluoranthene	ND		5.70	4.746		mg/Kg	☼	83	48 - 125	7	20
Benzoic acid	ND	F1	5.70	ND	F1	mg/Kg	☼	0	10 - 125	NC	35
Benzyl alcohol	ND		5.70	4.313		mg/Kg	☼	76	47 - 125	16	20
Bis(2-chloroethoxy)methane	ND		5.70	4.782		mg/Kg	☼	84	48 - 125	7	20
Bis(2-chloroethyl)ether	ND		5.70	4.745		mg/Kg	☼	83	43 - 125	10	20
bis (2-Chloroisopropyl) ether	ND		5.70	3.908		mg/Kg	☼	69	46 - 125	9	20
Bis(2-ethylhexyl) phthalate	ND		5.70	4.265		mg/Kg	☼	75	50 - 125	13	20
Butyl benzyl phthalate	ND		5.70	4.076		mg/Kg	☼	71	58 - 125	14	20
Chrysene	ND		5.70	4.379		mg/Kg	☼	77	53 - 125	11	20
Dibenz(a,h)anthracene	ND		5.70	4.536		mg/Kg	☼	80	57 - 125	11	20
Dibenzofuran	ND		5.70	4.556		mg/Kg	☼	80	47 - 125	10	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209623-18 MSD
Matrix: Solid
Analysis Batch: 512551

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510973

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		5.70	4.045		mg/Kg	☼	71	53 - 125	6	20
Dimethyl phthalate	ND		5.70	4.211		mg/Kg	☼	74	52 - 125	12	20
Di-n-butyl phthalate	ND		5.70	4.115		mg/Kg	☼	72	49 - 125	13	20
Di-n-octyl phthalate	ND		5.70	4.396		mg/Kg	☼	77	57 - 125	10	20
Fluoranthene	ND		5.70	4.402		mg/Kg	☼	77	50 - 125	13	20
Fluorene	ND		5.70	4.769		mg/Kg	☼	84	54 - 125	10	20
Hexachloro-1,3-butadiene	ND		5.70	4.720		mg/Kg	☼	83	43 - 125	10	20
Hexachlorobenzene	ND		5.70	3.898		mg/Kg	☼	68	55 - 125	10	20
Hexachlorocyclopentadiene	ND		5.70	4.631		mg/Kg	☼	81	10 - 150	10	33
Hexachloroethane	ND		5.70	4.346		mg/Kg	☼	76	27 - 125	15	27
Indeno[1,2,3-cd]pyrene	ND		5.70	4.711		mg/Kg	☼	83	55 - 125	9	20
Isophorone	ND		5.70	4.306		mg/Kg	☼	76	50 - 125	5	20
Naphthalene	ND		5.70	4.381		mg/Kg	☼	77	39 - 127	7	20
Nitrobenzene	ND		5.70	4.805		mg/Kg	☼	84	43 - 125	10	20
N-Nitrosodimethylamine	ND		5.70	4.593		mg/Kg	☼	81	36 - 125	21	26
N-Nitrosodi-n-propylamine	ND		5.70	4.383		mg/Kg	☼	77	47 - 125	13	20
n-Nitrosodiphenylamine(as diphenylamine)	ND	F2	5.70	5.200	F2	mg/Kg	☼	91	57 - 134	22	20
Pentachlorophenol	ND		5.70	3.465		mg/Kg	☼	61	10 - 125	3	20
Phenanthrene	ND		5.70	4.199		mg/Kg	☼	74	51 - 125	5	20
Phenol	ND		5.70	4.293		mg/Kg	☼	75	45 - 125	13	20
Pyrene	ND		5.70	4.722		mg/Kg	☼	83	56 - 125	17	20
Pyridine	ND		5.70	3.639		mg/Kg	☼	64	17 - 125	15	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 134*
2-Fluorobiphenyl (Surr)	*75*		*14 - 142*
2-Fluorophenol (Surr)	*80*		*10 - 123*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*
Phenol-d6 (Surr)	*81*		*10 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-510534/1-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthene	ND		0.20	0.097	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/05/24 14:19	12/09/24 14:07	1
Anthracene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/05/24 14:19	12/09/24 14:07	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510534/1-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluoranthene	ND		0.20	0.14	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluorene	ND		0.20	0.075	ug/L		12/05/24 14:19	12/09/24 14:07	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Naphthalene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Phenanthrene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
Pyrene	ND		0.20	0.066	ug/L		12/05/24 14:19	12/09/24 14:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*33 - 144*	*12/05/24 14:19*	*12/09/24 14:07*	*1*
Nitrobenzene-d5 (Surr)	*97*		*28 - 139*	*12/05/24 14:19*	*12/09/24 14:07*	*1*
p-Terphenyl-d14 (Surr)	*86*		*23 - 160*	*12/05/24 14:19*	*12/09/24 14:07*	*1*

Lab Sample ID: LCS 570-510534/2-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	10.0	7.237		ug/L		72	20 - 140
2-Methylnaphthalene	10.0	8.209		ug/L		82	21 - 140
Acenaphthene	10.0	8.692		ug/L		87	55 - 121
Acenaphthylene	10.0	8.737		ug/L		87	33 - 145
Anthracene	10.0	8.928		ug/L		89	27 - 133
Benzo[g,h,i]perylene	10.0	7.883		ug/L		79	25 - 157
Benzo[k]fluoranthene	10.0	8.461		ug/L		85	24 - 159
Benzo[a]anthracene	10.0	8.778		ug/L		88	33 - 143
Benzo[a]pyrene	10.0	9.072		ug/L		91	17 - 163
Benzo[b]fluoranthene	10.0	8.980		ug/L		90	24 - 159
Chrysene	10.0	7.958		ug/L		80	17 - 168
Dibenz(a,h)anthracene	10.0	8.359		ug/L		84	25 - 175
Fluoranthene	10.0	10.74		ug/L		107	26 - 137
Fluorene	10.0	9.444		ug/L		94	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	8.889		ug/L		89	25 - 175
Naphthalene	10.0	7.194		ug/L		72	21 - 133
Phenanthrene	10.0	8.876		ug/L		89	54 - 120
Pyrene	10.0	7.736		ug/L		77	45 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*82*		*33 - 144*
Nitrobenzene-d5 (Surr)	*83*		*28 - 139*
p-Terphenyl-d14 (Surr)	*66*		*23 - 160*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510534/3-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510534

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			10.0	8.253		ug/L		83	20 - 140	13	25
2-Methylnaphthalene			10.0	9.358		ug/L		94	21 - 140	13	25
Acenaphthene			10.0	9.912		ug/L		99	55 - 121	13	25
Acenaphthylene			10.0	9.901		ug/L		99	33 - 145	12	25
Anthracene			10.0	10.02		ug/L		100	27 - 133	12	25
Benzo[g,h,i]perylene			10.0	9.370		ug/L		94	25 - 157	17	25
Benzo[k]fluoranthene			10.0	9.825		ug/L		98	24 - 159	15	25
Benzo[a]anthracene			10.0	10.11		ug/L		101	33 - 143	14	25
Benzo[a]pyrene			10.0	10.89		ug/L		109	17 - 163	18	25
Benzo[b]fluoranthene			10.0	10.74		ug/L		107	24 - 159	18	25
Chrysene			10.0	9.195		ug/L		92	17 - 168	14	25
Dibenz(a,h)anthracene			10.0	9.851		ug/L		99	25 - 175	16	25
Fluoranthene			10.0	11.81		ug/L		118	26 - 137	10	25
Fluorene			10.0	10.74		ug/L		107	59 - 121	13	25
Indeno[1,2,3-cd]pyrene			10.0	10.58		ug/L		106	25 - 175	17	25
Naphthalene			10.0	8.187		ug/L		82	21 - 133	13	25
Phenanthrene			10.0	10.02		ug/L		100	54 - 120	12	25
Pyrene			10.0	8.654		ug/L		87	45 - 129	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*97*		*33 - 144*
Nitrobenzene-d5 (Surr)	*93*		*28 - 139*
p-Terphenyl-d14 (Surr)	*79*		*23 - 160*

Lab Sample ID: MB 570-510957/1-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Chrysene	ND		0.020	0.0065	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/06/24 13:11	12/10/24 09:27	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510957/1-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510957

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		22 - 130	12/06/24 13:11	12/10/24 09:27	1
Nitrobenzene-d5 (Surr)	99		20 - 145	12/06/24 13:11	12/10/24 09:27	1
p-Terphenyl-d14 (Surr)	77		33 - 147	12/06/24 13:11	12/10/24 09:27	1

Lab Sample ID: LCS 570-510957/2-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7556		mg/Kg		76	54 - 132
2-Methylnaphthalene	1.00	0.8584		mg/Kg		86	50 - 127
Acenaphthene	1.00	0.8813		mg/Kg		88	53 - 125
Acenaphthylene	1.00	0.8763		mg/Kg		88	50 - 123
Anthracene	1.00	0.8687		mg/Kg		87	50 - 132
Benzo[g,h,i]perylene	1.00	0.8475		mg/Kg		85	50 - 130
Benzo[k]fluoranthene	1.00	0.9097		mg/Kg		91	49 - 150
Benzo[a]anthracene	1.00	0.8890		mg/Kg		89	50 - 133
Benzo[a]pyrene	1.00	0.9711		mg/Kg		97	50 - 134
Benzo[b]fluoranthene	1.00	0.9326		mg/Kg		93	50 - 142
Chrysene	1.00	0.8150		mg/Kg		82	51 - 129
Dibenz(a,h)anthracene	1.00	0.9041		mg/Kg		90	50 - 133
Fluoranthene	1.00	1.027		mg/Kg		103	55 - 127
Fluorene	1.00	0.9212		mg/Kg		92	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9674		mg/Kg		97	50 - 148
Naphthalene	1.00	0.7861		mg/Kg		79	51 - 129
Phenanthrene	1.00	0.8580		mg/Kg		86	50 - 122
Pyrene	1.00	0.7437		mg/Kg		74	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	89		22 - 130
Nitrobenzene-d5 (Surr)	92		20 - 145
p-Terphenyl-d14 (Surr)	77		33 - 147

Lab Sample ID: LCSD 570-510957/3-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510957

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.7883		mg/Kg		79	54 - 132	4	20
2-Methylnaphthalene	1.00	0.8979		mg/Kg		90	50 - 127	4	20
Acenaphthene	1.00	0.9138		mg/Kg		91	53 - 125	4	20
Acenaphthylene	1.00	0.9081		mg/Kg		91	50 - 123	4	20
Anthracene	1.00	0.9110		mg/Kg		91	50 - 132	5	20
Benzo[g,h,i]perylene	1.00	0.8716		mg/Kg		87	50 - 130	3	20
Benzo[k]fluoranthene	1.00	0.9374		mg/Kg		94	49 - 150	3	20
Benzo[a]anthracene	1.00	0.9251		mg/Kg		93	50 - 133	4	20
Benzo[a]pyrene	1.00	1.002		mg/Kg		100	50 - 134	3	20
Benzo[b]fluoranthene	1.00	0.9551		mg/Kg		96	50 - 142	2	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510957/3-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene			1.00	0.8410		mg/Kg		84	51 - 129	3	20
Dibenz(a,h)anthracene			1.00	0.9352		mg/Kg		94	50 - 133	3	20
Fluoranthene			1.00	1.084		mg/Kg		108	55 - 127	5	20
Fluorene			1.00	0.9677		mg/Kg		97	55 - 127	5	20
Indeno[1,2,3-cd]pyrene			1.00	0.9931		mg/Kg		99	50 - 148	3	20
Naphthalene			1.00	0.8170		mg/Kg		82	51 - 129	4	20
Phenanthrene			1.00	0.8950		mg/Kg		90	50 - 122	4	20
Pyrene			1.00	0.7804		mg/Kg		78	50 - 134	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*

Lab Sample ID: 570-209623-5 MS
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.13	0.8553		mg/Kg	☼	76	34 - 136
2-Methylnaphthalene	ND		1.13	0.9721		mg/Kg	☼	86	29 - 137
Acenaphthene	ND		1.13	0.9960		mg/Kg	☼	88	29 - 137
Acenaphthylene	ND		1.13	0.9713		mg/Kg	☼	86	29 - 131
Anthracene	ND		1.13	0.9711		mg/Kg	☼	86	26 - 134
Benzo[g,h,i]perylene	ND		1.13	0.9323		mg/Kg	☼	82	20 - 148
Benzo[k]fluoranthene	ND		1.13	0.9929		mg/Kg	☼	88	28 - 148
Benzo[a]anthracene	ND		1.13	0.9760		mg/Kg	☼	86	24 - 150
Benzo[a]pyrene	ND		1.13	1.077		mg/Kg	☼	95	29 - 149
Benzo[b]fluoranthene	ND		1.13	1.022		mg/Kg	☼	90	21 - 153
Chrysene	ND		1.13	0.9050		mg/Kg	☼	80	25 - 145
Dibenz(a,h)anthracene	ND		1.13	0.9942		mg/Kg	☼	88	20 - 132
Fluoranthene	ND		1.13	1.159		mg/Kg	☼	102	20 - 151
Fluorene	ND		1.13	1.045		mg/Kg	☼	92	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.13	1.052		mg/Kg	☼	93	20 - 154
Naphthalene	ND		1.13	0.8891		mg/Kg	☼	79	20 - 150
Phenanthrene	ND		1.13	0.9591		mg/Kg	☼	85	20 - 144
Pyrene	ND		1.13	0.8434		mg/Kg	☼	74	20 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*
Nitrobenzene-d5 (Surr)	*90*		*20 - 145*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209623-5 MSD
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: SB32-5.0
Prep Type: Total/NA
Prep Batch: 510957

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.13	0.8512		mg/Kg	☼	75	34 - 136	0	29
2-Methylnaphthalene	ND		1.13	0.9589		mg/Kg	☼	85	29 - 137	1	31
Acenaphthene	ND		1.13	0.9896		mg/Kg	☼	87	29 - 137	1	28
Acenaphthylene	ND		1.13	0.9586		mg/Kg	☼	85	29 - 131	1	32
Anthracene	ND		1.13	0.9584		mg/Kg	☼	85	26 - 134	1	27
Benzo[g,h,i]perylene	ND		1.13	0.9269		mg/Kg	☼	82	20 - 148	1	27
Benzo[k]fluoranthene	ND		1.13	1.012		mg/Kg	☼	89	28 - 148	2	26
Benzo[a]anthracene	ND		1.13	0.9691		mg/Kg	☼	85	24 - 150	1	24
Benzo[a]pyrene	ND		1.13	1.084		mg/Kg	☼	96	29 - 149	1	22
Benzo[b]fluoranthene	ND		1.13	1.047		mg/Kg	☼	92	21 - 153	2	26
Chrysene	ND		1.13	0.9041		mg/Kg	☼	80	25 - 145	0	28
Dibenz(a,h)anthracene	ND		1.13	1.011		mg/Kg	☼	89	20 - 132	2	26
Fluoranthene	ND		1.13	1.172		mg/Kg	☼	103	20 - 151	1	26
Fluorene	ND		1.13	1.033		mg/Kg	☼	91	36 - 132	1	27
Indeno[1,2,3-cd]pyrene	ND		1.13	1.050		mg/Kg	☼	93	20 - 154	0	25
Naphthalene	ND		1.13	0.8947		mg/Kg	☼	79	20 - 150	1	33
Phenanthrene	ND		1.13	0.9607		mg/Kg	☼	85	20 - 144	0	27
Pyrene	ND		1.13	0.8078		mg/Kg	☼	71	20 - 150	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*

Lab Sample ID: MB 570-510971/1-A
Matrix: Solid
Analysis Batch: 511700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Chrysene	ND		0.020	0.0065	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/06/24 13:31	12/09/24 15:49	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/06/24 13:31	12/09/24 15:49	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510971/1-A
Matrix: Solid
Analysis Batch: 511700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510971

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	85		22 - 130	12/06/24 13:31	12/09/24 15:49	1
Nitrobenzene-d5 (Surr)	82		20 - 145	12/06/24 13:31	12/09/24 15:49	1
p-Terphenyl-d14 (Surr)	85		33 - 147	12/06/24 13:31	12/09/24 15:49	1

Lab Sample ID: LCS 570-510971/2-A
Matrix: Solid
Analysis Batch: 511700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7883		mg/Kg		79	54 - 132
2-Methylnaphthalene	1.00	0.9290		mg/Kg		93	50 - 127
Acenaphthene	1.00	0.9400		mg/Kg		94	53 - 125
Acenaphthylene	1.00	0.8787		mg/Kg		88	50 - 123
Anthracene	1.00	0.9528		mg/Kg		95	50 - 132
Benzo[g,h,i]perylene	1.00	0.8264		mg/Kg		83	50 - 130
Benzo[k]fluoranthene	1.00	0.9841		mg/Kg		98	49 - 150
Benzo[a]anthracene	1.00	0.8384		mg/Kg		84	50 - 133
Benzo[a]pyrene	1.00	0.8926		mg/Kg		89	50 - 134
Benzo[b]fluoranthene	1.00	0.8195		mg/Kg		82	50 - 142
Chrysene	1.00	0.8879		mg/Kg		89	51 - 129
Dibenz(a,h)anthracene	1.00	0.9059		mg/Kg		91	50 - 133
Fluoranthene	1.00	0.9877		mg/Kg		99	55 - 127
Fluorene	1.00	0.9508		mg/Kg		95	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	1.127		mg/Kg		113	50 - 148
Naphthalene	1.00	0.8056		mg/Kg		81	51 - 129
Phenanthrene	1.00	0.8426		mg/Kg		84	50 - 122
Pyrene	1.00	0.8362		mg/Kg		84	50 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	87		22 - 130
Nitrobenzene-d5 (Surr)	73		20 - 145
p-Terphenyl-d14 (Surr)	81		33 - 147

Lab Sample ID: LCSD 570-510971/3-A
Matrix: Solid
Analysis Batch: 511700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510971

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.00	0.8499		mg/Kg		85	54 - 132	8	20
2-Methylnaphthalene	1.00	0.9845		mg/Kg		98	50 - 127	6	20
Acenaphthene	1.00	0.9708		mg/Kg		97	53 - 125	3	20
Acenaphthylene	1.00	0.9177		mg/Kg		92	50 - 123	4	20
Anthracene	1.00	0.9587		mg/Kg		96	50 - 132	1	20
Benzo[g,h,i]perylene	1.00	0.8605		mg/Kg		86	50 - 130	4	20
Benzo[k]fluoranthene	1.00	1.015		mg/Kg		102	49 - 150	3	20
Benzo[a]anthracene	1.00	0.8637		mg/Kg		86	50 - 133	3	20
Benzo[a]pyrene	1.00	0.9261		mg/Kg		93	50 - 134	4	20
Benzo[b]fluoranthene	1.00	0.8596		mg/Kg		86	50 - 142	5	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510971/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511700
Prep Batch: 510971

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene			1.00	0.9214		mg/Kg		92	51 - 129	4	20
Dibenz(a,h)anthracene			1.00	0.8706		mg/Kg		87	50 - 133	4	20
Fluoranthene			1.00	1.018		mg/Kg		102	55 - 127	3	20
Fluorene			1.00	1.011		mg/Kg		101	55 - 127	6	20
Indeno[1,2,3-cd]pyrene			1.00	1.182		mg/Kg		118	50 - 148	5	20
Naphthalene			1.00	0.8340		mg/Kg		83	51 - 129	3	20
Phenanthrene			1.00	0.8634		mg/Kg		86	50 - 122	2	20
Pyrene			1.00	0.8504		mg/Kg		85	50 - 134	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*
Nitrobenzene-d5 (Surr)	*81*		*20 - 145*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*

Lab Sample ID: 570-209623-18 MS
Client Sample ID: SB40-15.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511700
Prep Batch: 510971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.14	0.8726		mg/Kg	☼	77	34 - 136
2-Methylnaphthalene	ND		1.14	0.9927		mg/Kg	☼	87	29 - 137
Acenaphthene	ND		1.14	0.9902		mg/Kg	☼	87	29 - 137
Acenaphthylene	ND		1.14	0.9431		mg/Kg	☼	83	29 - 131
Anthracene	ND		1.14	1.051		mg/Kg	☼	92	26 - 134
Benzo[g,h,i]perylene	ND		1.14	0.8707		mg/Kg	☼	76	20 - 148
Benzo[k]fluoranthene	ND		1.14	1.076		mg/Kg	☼	94	28 - 148
Benzo[a]anthracene	ND		1.14	0.8956		mg/Kg	☼	79	24 - 150
Benzo[a]pyrene	ND		1.14	0.9752		mg/Kg	☼	86	29 - 149
Benzo[b]fluoranthene	ND		1.14	0.8484		mg/Kg	☼	74	21 - 153
Chrysene	ND		1.14	0.9501		mg/Kg	☼	83	25 - 145
Dibenz(a,h)anthracene	ND		1.14	0.9740		mg/Kg	☼	86	20 - 132
Fluoranthene	ND		1.14	1.073		mg/Kg	☼	94	20 - 151
Fluorene	ND		1.14	1.040		mg/Kg	☼	91	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.14	1.209		mg/Kg	☼	106	20 - 154
Naphthalene	ND		1.14	0.8984		mg/Kg	☼	79	20 - 150
Phenanthrene	ND		1.14	0.8944		mg/Kg	☼	79	20 - 144
Pyrene	ND		1.14	0.8995		mg/Kg	☼	79	20 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*
Nitrobenzene-d5 (Surr)	*72*		*20 - 145*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209623-18 MSD
Matrix: Solid
Analysis Batch: 511700

Client Sample ID: SB40-15.0
Prep Type: Total/NA
Prep Batch: 510971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.13	0.9111		mg/Kg	☼	81	34 - 136	4	29
2-Methylnaphthalene	ND		1.13	1.039		mg/Kg	☼	92	29 - 137	5	31
Acenaphthene	ND		1.13	1.048		mg/Kg	☼	93	29 - 137	6	28
Acenaphthylene	ND		1.13	0.9820		mg/Kg	☼	87	29 - 131	4	32
Anthracene	ND		1.13	1.089		mg/Kg	☼	96	26 - 134	4	27
Benzo[g,h,i]perylene	ND		1.13	0.9081		mg/Kg	☼	80	20 - 148	4	27
Benzo[k]fluoranthene	ND		1.13	1.107		mg/Kg	☼	98	28 - 148	3	26
Benzo[a]anthracene	ND		1.13	0.9310		mg/Kg	☼	82	24 - 150	4	24
Benzo[a]pyrene	ND		1.13	1.013		mg/Kg	☼	90	29 - 149	4	22
Benzo[b]fluoranthene	ND		1.13	0.8942		mg/Kg	☼	79	21 - 153	5	26
Chrysene	ND		1.13	0.9926		mg/Kg	☼	88	25 - 145	4	28
Dibenz(a,h)anthracene	ND		1.13	0.9598		mg/Kg	☼	85	20 - 132	1	26
Fluoranthene	ND		1.13	1.092		mg/Kg	☼	97	20 - 151	2	26
Fluorene	ND		1.13	1.073		mg/Kg	☼	95	36 - 132	3	27
Indeno[1,2,3-cd]pyrene	ND		1.13	1.246		mg/Kg	☼	110	20 - 154	3	25
Naphthalene	ND		1.13	0.9188		mg/Kg	☼	81	20 - 150	2	33
Phenanthrene	ND		1.13	0.9450		mg/Kg	☼	84	20 - 144	5	27
Pyrene	ND		1.13	0.9347		mg/Kg	☼	83	20 - 150	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*
Nitrobenzene-d5 (Surr)	*77*		*20 - 145*
p-Terphenyl-d14 (Surr)	*83*		*33 - 147*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-511367/33
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/07/24 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*		*12/07/24 22:56*	*1*

Lab Sample ID: LCS 570-511367/31
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.985		mg/Kg		100	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-511367/32
Matrix: Solid
Analysis Batch: 511367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	1.957		mg/Kg		99	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*42 - 126*

Lab Sample ID: MB 570-511402/5
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/08/24 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*		*12/08/24 12:08*	*1*

Lab Sample ID: LCS 570-511402/3
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	2.116		mg/Kg		107	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*42 - 126*

Lab Sample ID: LCSD 570-511402/4
Matrix: Solid
Analysis Batch: 511402

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	2.060		mg/Kg		104	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Lab Sample ID: MB 570-512119/5
Matrix: Water
Analysis Batch: 512119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 14:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*20 - 144*		*12/10/24 14:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-512119/3
Matrix: Water
Analysis Batch: 512119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1735		ug/L		87	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*20 - 144*

Lab Sample ID: LCSD 570-512119/4
Matrix: Water
Analysis Batch: 512119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	1675		ug/L		84	71 - 120	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*20 - 144*

Lab Sample ID: MB 570-512124/7
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/10/24 15:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*		*12/10/24 15:19*	*1*

Lab Sample ID: LCS 570-512124/5
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.910		mg/Kg		97	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Lab Sample ID: LCSD 570-512124/6
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.97	1.856		mg/Kg		94	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-510644/1-A
Matrix: Water
Analysis Batch: 511161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/05/24 18:19	12/07/24 04:41	1
C23-C40	43.46	J	50	42	ug/L		12/05/24 18:19	12/07/24 04:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*53 - 151*	*12/05/24 18:19*	*12/07/24 04:41*	*1*

Lab Sample ID: LCS 570-510644/2-A
Matrix: Water
Analysis Batch: 511161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	4000	3323		ug/L		83	65 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*53 - 151*

Lab Sample ID: LCSD 570-510644/3-A
Matrix: Water
Analysis Batch: 511161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510644

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	4000	3655		ug/L		91	65 - 129	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*53 - 151*

Lab Sample ID: MB 570-511284/1-A
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/07/24 10:53	12/07/24 20:18	1
C23-C40	ND		5.0	4.6	mg/Kg		12/07/24 10:53	12/07/24 20:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 138*	*12/07/24 10:53*	*12/07/24 20:18*	*1*

Lab Sample ID: LCS 570-511284/2-A
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	400	386.3		mg/Kg		97	70 - 130

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-511284/2-A
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511284

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	90		60 - 138

Lab Sample ID: LCSD 570-511284/3-A
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511284

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	381.9		mg/Kg		95	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	88		60 - 138

Lab Sample ID: 570-209623-1 MS
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: SB30-2.0
Prep Type: Total/NA
Prep Batch: 511284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	24		430	458.2		mg/Kg	☼	101	43 - 165		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	89		60 - 138

Lab Sample ID: 570-209623-1 MSD
Matrix: Solid
Analysis Batch: 511328

Client Sample ID: SB30-2.0
Prep Type: Total/NA
Prep Batch: 511284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	24		430	430.6		mg/Kg	☼	95	43 - 165	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	87		60 - 138

Lab Sample ID: MB 570-511285/1-A
Matrix: Solid
Analysis Batch: 511342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/07/24 11:01	12/07/24 23:43	1
C23-C40	ND		5.0	4.6	mg/Kg		12/07/24 11:01	12/07/24 23:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	12/07/24 11:01	12/07/24 23:43	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-511285/2-A
Matrix: Solid
Analysis Batch: 511342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511285

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	359.2		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*85*		*60 - 138*

Lab Sample ID: LCSD 570-511285/3-A
Matrix: Solid
Analysis Batch: 511342

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511285

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	368.4		mg/Kg		92	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-511613/1-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.11	2.01	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Barium	ND		2.07	0.305	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Beryllium	ND		0.414	0.0973	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Cadmium	ND		0.414	0.158	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Chromium	ND		1.04	0.550	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Cobalt	ND		2.07	0.441	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Copper	ND		2.07	0.589	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Molybdenum	ND		4.14	1.01	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Antimony	ND		10.4	5.86	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Nickel	ND		2.07	1.18	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Selenium	ND		3.11	1.62	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Silver	ND		2.07	0.440	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Thallium	ND		10.4	2.96	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Vanadium	ND		4.14	0.907	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Lead	ND		2.07	1.37	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Zinc	ND		4.14	1.69	mg/Kg		12/09/24 11:48	12/10/24 14:30	2

Lab Sample ID: LCS 570-511613/2-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			192	180.5		mg/Kg		94	80 - 120		
Barium			192	191.1		mg/Kg		99	80 - 120		
Beryllium			192	183.9		mg/Kg		96	80 - 120		

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-511613/2-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	192	186.4		mg/Kg		97	80 - 120
Chromium	192	190.0		mg/Kg		99	80 - 120
Cobalt	192	189.5		mg/Kg		99	80 - 120
Copper	192	183.0		mg/Kg		95	80 - 120
Molybdenum	192	191.6		mg/Kg		100	80 - 120
Antimony	192	182.7		mg/Kg		95	80 - 120
Nickel	192	187.6		mg/Kg		98	80 - 120
Selenium	192	162.9		mg/Kg		85	80 - 120
Silver	96.1	92.14		mg/Kg		96	80 - 120
Thallium	192	183.4		mg/Kg		95	80 - 120
Vanadium	192	188.7		mg/Kg		98	80 - 120
Lead	192	190.4		mg/Kg		99	80 - 120
Zinc	192	186.0		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-511613/3-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	189	175.1		mg/Kg		93	80 - 120	3	20
Barium	189	186.4		mg/Kg		99	80 - 120	3	20
Beryllium	189	179.3		mg/Kg		95	80 - 120	3	20
Cadmium	189	181.7		mg/Kg		96	80 - 120	3	20
Chromium	189	187.0		mg/Kg		99	80 - 120	2	20
Cobalt	189	184.6		mg/Kg		98	80 - 120	3	20
Copper	189	179.8		mg/Kg		95	80 - 120	2	20
Molybdenum	189	186.1		mg/Kg		99	80 - 120	3	20
Antimony	189	180.7		mg/Kg		96	80 - 120	1	20
Nickel	189	182.8		mg/Kg		97	80 - 120	3	20
Selenium	189	158.9		mg/Kg		84	80 - 120	2	20
Silver	94.4	89.57		mg/Kg		95	80 - 120	3	20
Thallium	189	178.6		mg/Kg		95	80 - 120	3	20
Vanadium	189	184.3		mg/Kg		98	80 - 120	2	20
Lead	189	184.6		mg/Kg		98	80 - 120	3	20
Zinc	189	181.7		mg/Kg		96	80 - 120	2	20

Lab Sample ID: MB 570-511626/1-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.05	1.97	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Barium	ND		2.03	0.300	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Beryllium	ND		0.406	0.0955	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Cadmium	ND		0.406	0.155	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Chromium	ND		1.02	0.539	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Cobalt	ND		2.03	0.433	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Copper	ND		2.03	0.578	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Molybdenum	ND		4.06	0.996	mg/Kg		12/09/24 11:54	12/10/24 22:07	2

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-511626/1-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.2	5.75	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Nickel	ND		2.03	1.15	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Selenium	ND		3.05	1.59	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Silver	ND		2.03	0.432	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Thallium	ND		10.2	2.90	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Vanadium	ND		4.06	0.890	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Lead	ND		2.03	1.34	mg/Kg		12/09/24 11:54	12/10/24 22:07	2
Zinc	ND		4.06	1.66	mg/Kg		12/09/24 11:54	12/10/24 22:07	2

Lab Sample ID: LCS 570-511626/2-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	199	187.1		mg/Kg		94	80 - 120
Barium	199	198.0		mg/Kg		100	80 - 120
Beryllium	199	189.8		mg/Kg		96	80 - 120
Cadmium	199	192.5		mg/Kg		97	80 - 120
Chromium	199	198.1		mg/Kg		100	80 - 120
Cobalt	199	195.4		mg/Kg		98	80 - 120
Copper	199	190.9		mg/Kg		96	80 - 120
Molybdenum	199	197.8		mg/Kg		100	80 - 120
Antimony	199	191.7		mg/Kg		97	80 - 120
Nickel	199	193.1		mg/Kg		97	80 - 120
Selenium	199	166.1		mg/Kg		84	80 - 120
Silver	99.3	95.95		mg/Kg		97	80 - 120
Thallium	199	189.7		mg/Kg		96	80 - 120
Vanadium	199	195.5		mg/Kg		98	80 - 120
Lead	199	195.7		mg/Kg		99	80 - 120
Zinc	199	191.4		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 570-511626/3-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	199	187.3		mg/Kg		94	80 - 120	0	20
Barium	199	198.5		mg/Kg		100	80 - 120	0	20
Beryllium	199	190.9		mg/Kg		96	80 - 120	1	20
Cadmium	199	193.4		mg/Kg		97	80 - 120	0	20
Chromium	199	198.3		mg/Kg		99	80 - 120	0	20
Cobalt	199	195.7		mg/Kg		98	80 - 120	0	20
Copper	199	190.9		mg/Kg		96	80 - 120	0	20
Molybdenum	199	199.0		mg/Kg		100	80 - 120	1	20
Antimony	199	193.7		mg/Kg		97	80 - 120	1	20
Nickel	199	194.1		mg/Kg		97	80 - 120	1	20
Selenium	199	168.6		mg/Kg		85	80 - 120	2	20
Silver	99.7	96.55		mg/Kg		97	80 - 120	1	20
Thallium	199	190.0		mg/Kg		95	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-511626/3-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511626

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium			199	196.3		mg/Kg		98	80 - 120	0	20
Lead			199	196.7		mg/Kg		99	80 - 120	1	20
Zinc			199	192.5		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 570-209623-1 MS
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: SB30-2.0
Prep Type: Total/NA
Prep Batch: 511626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	5.72		211	199.7		mg/Kg	☼	92	75 - 125
Barium	97.9		211	309.6		mg/Kg	☼	100	75 - 125
Beryllium	0.609		211	199.4		mg/Kg	☼	94	75 - 125
Cadmium	ND		211	198.3		mg/Kg	☼	94	75 - 125
Chromium	22.9		211	229.4		mg/Kg	☼	98	75 - 125
Cobalt	9.12		211	208.7		mg/Kg	☼	94	75 - 125
Copper	13.3		211	214.6		mg/Kg	☼	95	75 - 125
Molybdenum	ND		211	202.1		mg/Kg	☼	96	75 - 125
Antimony	ND		211	183.0		mg/Kg	☼	87	75 - 125
Nickel	17.6		211	216.8		mg/Kg	☼	94	75 - 125
Selenium	ND		211	176.1		mg/Kg	☼	83	75 - 125
Silver	ND		106	101.8		mg/Kg	☼	96	75 - 125
Thallium	ND		211	193.5		mg/Kg	☼	91	75 - 125
Vanadium	43.9		211	249.7		mg/Kg	☼	97	75 - 125
Lead	6.56		211	207.6		mg/Kg	☼	95	75 - 125
Zinc	49.0		211	247.6		mg/Kg	☼	94	75 - 125

Lab Sample ID: 570-209623-1 MSD
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: SB30-2.0
Prep Type: Total/NA
Prep Batch: 511626

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	5.72		212	198.5		mg/Kg	☼	91	75 - 125	1	20
Barium	97.9		212	301.5		mg/Kg	☼	96	75 - 125	3	20
Beryllium	0.609		212	199.3		mg/Kg	☼	94	75 - 125	0	20
Cadmium	ND		212	198.3		mg/Kg	☼	93	75 - 125	0	20
Chromium	22.9		212	229.9		mg/Kg	☼	97	75 - 125	0	20
Cobalt	9.12		212	208.4		mg/Kg	☼	94	75 - 125	0	20
Copper	13.3		212	214.6		mg/Kg	☼	95	75 - 125	0	20
Molybdenum	ND		212	201.2		mg/Kg	☼	95	75 - 125	0	20
Antimony	ND		212	184.4		mg/Kg	☼	87	75 - 125	1	20
Nickel	17.6		212	216.1		mg/Kg	☼	93	75 - 125	0	20
Selenium	ND		212	177.6		mg/Kg	☼	84	75 - 125	1	20
Silver	ND		106	101.3		mg/Kg	☼	95	75 - 125	0	20
Thallium	ND		212	194.4		mg/Kg	☼	91	75 - 125	0	20
Vanadium	43.9		212	247.3		mg/Kg	☼	96	75 - 125	1	20
Lead	6.56		212	206.7		mg/Kg	☼	94	75 - 125	0	20
Zinc	49.0		212	245.8		mg/Kg	☼	93	75 - 125	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-510813/1-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		100	19.9	ug/L		12/06/24 08:12	12/06/24 18:14	1
Barium	ND		10.0	1.11	ug/L		12/06/24 08:12	12/06/24 18:14	1
Beryllium	ND		10.0	1.27	ug/L		12/06/24 08:12	12/06/24 18:14	1
Cadmium	ND		10.0	0.620	ug/L		12/06/24 08:12	12/06/24 18:14	1
Chromium	ND		50.0	2.96	ug/L		12/06/24 08:12	12/06/24 18:14	1
Cobalt	ND		50.0	0.880	ug/L		12/06/24 08:12	12/06/24 18:14	1
Copper	ND		50.0	2.69	ug/L		12/06/24 08:12	12/06/24 18:14	1
Molybdenum	ND		50.0	3.91	ug/L		12/06/24 08:12	12/06/24 18:14	1
Antimony	ND		100	25.5	ug/L		12/06/24 08:12	12/06/24 18:14	1
Nickel	ND		50.0	3.07	ug/L		12/06/24 08:12	12/06/24 18:14	1
Selenium	ND		50.0	16.2	ug/L		12/06/24 08:12	12/06/24 18:14	1
Silver	ND		10.0	2.59	ug/L		12/06/24 08:12	12/06/24 18:14	1
Thallium	ND		50.0	9.96	ug/L		12/06/24 08:12	12/06/24 18:14	1
Vanadium	ND		10.0	2.39	ug/L		12/06/24 08:12	12/06/24 18:14	1
Lead	ND		50.0	5.27	ug/L		12/06/24 08:12	12/06/24 18:14	1
Zinc	ND		250	13.3	ug/L		12/06/24 08:12	12/06/24 18:14	1

Lab Sample ID: LCS 570-510813/2-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	500	484.0		ug/L		97	80 - 120
Barium	500	477.2		ug/L		95	80 - 120
Beryllium	500	483.9		ug/L		97	80 - 120
Cadmium	500	488.1		ug/L		98	80 - 120
Chromium	500	488.2		ug/L		98	80 - 120
Cobalt	500	489.9		ug/L		98	80 - 120
Copper	500	487.1		ug/L		97	80 - 120
Molybdenum	500	478.5		ug/L		96	80 - 120
Antimony	500	500.4		ug/L		100	80 - 120
Nickel	500	491.3		ug/L		98	80 - 120
Selenium	500	479.9		ug/L		96	80 - 120
Silver	250	240.8		ug/L		96	80 - 120
Thallium	500	484.9		ug/L		97	80 - 120
Vanadium	500	482.3		ug/L		96	80 - 120
Lead	500	485.6		ug/L		97	80 - 120
Zinc	500	491.0		ug/L		98	80 - 120

Lab Sample ID: LCSD 570-510813/3-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	500	494.4		ug/L		99	80 - 120	2	20
Barium	500	484.2		ug/L		97	80 - 120	1	20
Beryllium	500	491.2		ug/L		98	80 - 120	1	20
Cadmium	500	492.5		ug/L		99	80 - 120	1	20
Chromium	500	496.2		ug/L		99	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-510813/3-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt			500	495.7		ug/L		99	80 - 120	1	20
Copper			500	493.9		ug/L		99	80 - 120	1	20
Molybdenum			500	488.1		ug/L		98	80 - 120	2	20
Antimony			500	512.9		ug/L		103	80 - 120	2	20
Nickel			500	498.7		ug/L		100	80 - 120	1	20
Selenium			500	481.0		ug/L		96	80 - 120	0	20
Silver			250	244.6		ug/L		98	80 - 120	2	20
Thallium			500	493.3		ug/L		99	80 - 120	2	20
Vanadium			500	490.3		ug/L		98	80 - 120	2	20
Lead			500	499.3		ug/L		100	80 - 120	3	20
Zinc			500	497.6		ug/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-511713/1-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:00	1

Lab Sample ID: LCS 570-511713/2-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511713

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			8.00	7.808		ug/L		98	80 - 120		

Lab Sample ID: LCSD 570-511713/3-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511713

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			8.00	7.986		ug/L		100	80 - 120	2	10

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-510872/1-A
Matrix: Solid
Analysis Batch: 511118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510872

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850	0.0235	mg/Kg		12/06/24 10:15	12/06/24 18:25	1

Lab Sample ID: LCS 570-510872/2-A
Matrix: Solid
Analysis Batch: 511903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.377	0.3455		mg/Kg		92	80 - 120		

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-510872/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510872

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.400	0.4698	*1	mg/Kg		117	80 - 120	30	10

Lab Sample ID: 570-209623-1 MS
Client Sample ID: SB30-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510872

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	*1	0.456	0.5480		mg/Kg	☼	120	80 - 120

Lab Sample ID: 570-209623-1 MSD
Client Sample ID: SB30-2.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510872

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	*1	0.430	0.4972		mg/Kg	☼	116	80 - 120	10	20

Lab Sample ID: MB 570-510879/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0801	0.0221	mg/Kg		12/06/24 10:33	12/06/24 14:45	1

Lab Sample ID: LCS 570-510879/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510879

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.408	0.4770		mg/Kg		117	80 - 120

Lab Sample ID: LCSD 570-510879/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510879

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.408	0.4776		mg/Kg		117	80 - 120	0	10

Lab Sample ID: 570-209623-21 MS
Client Sample ID: SB43-15.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1	0.393	0.5327	F1	mg/Kg	☼	136	80 - 120

Lab Sample ID: 570-209623-21 MSD
Client Sample ID: SB43-15.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 511118
Prep Batch: 510879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1	0.401	0.5363	F1	mg/Kg	☼	134	80 - 120	1	20

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-511125/1
Matrix: Solid
Analysis Batch: 511125

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/06/24 19:29	1

Lab Sample ID: 570-209623-1 DU
Matrix: Solid
Analysis Batch: 511125

Client Sample ID: SB30-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	10.5			10.6		%				0.7	10

Lab Sample ID: 570-209623-11 DU
Matrix: Solid
Analysis Batch: 511125

Client Sample ID: SB36-5.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	13.2			13.1		%				0.9	10

Lab Sample ID: MB 570-511376/1
Matrix: Solid
Analysis Batch: 511376

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/08/24 08:40	1

Lab Sample ID: 570-209623-18 DU
Matrix: Solid
Analysis Batch: 511376

Client Sample ID: SB40-15.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.6			13.0		%				3	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	71.24		ug/L	71	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	68.84		ug/L	69	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	64.70		ug/L	65	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	62.83		ug/L	63	15 - 120	1 - 138	
1-Methylnaphthalene	100	69.53		ug/L	70	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	77.75		ug/L	78	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	77.91		ug/L	78	27 - 143	8 - 162	
2,4-Dichlorophenol	100	76.63		ug/L	77	22 - 128	4 - 146	
2,4-Dimethylphenol	100	68.66		ug/L	69	20 - 125	3 - 143	
2,4-Dinitrophenol	100	80.89		ug/L	81	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	73.98		ug/L	74	28 - 160	6 - 182	
2,6-Dichlorophenol	100	77.82		ug/L	78	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	74.96		ug/L	75	30 - 157	9 - 178	
2-Chloronaphthalene	100	69.42		ug/L	69	25 - 141	6 - 160	
2-Chlorophenol	100	73.35		ug/L	73	22 - 129	4 - 147	
2-Methylnaphthalene	100	73.92		ug/L	74	19 - 120	2 - 137	
2-Methylphenol	100	69.54		ug/L	70	15 - 130	1 - 149	
2-Nitroaniline	100	58.07		ug/L	58	17 - 141	1 - 162	
2-Nitrophenol	100	65.27		ug/L	65	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	46.77		ug/L	47	18 - 162	1 - 186	
3/4-Methylphenol	200	123.8		ug/L	62	10 - 120	1 - 138	
3-Nitroaniline	100	70.54		ug/L	71	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	78.37		ug/L	78	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	67.57		ug/L	68	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	69.85		ug/L	70	23 - 135	4 - 154	
4-Chloroaniline	100	57.89		ug/L	58	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	75.95		ug/L	76	27 - 150	7 - 171	
4-Nitroaniline	100	80.08		ug/L	80	16 - 151	1 - 174	
4-Nitrophenol	100	31.53		ug/L	32	10 - 120	1 - 138	
Acenaphthene	100	64.98		ug/L	65	26 - 143	7 - 163	
Acenaphthylene	100	63.27		ug/L	63	21 - 156	1 - 179	
Aniline	100	12.44		ug/L	12	10 - 120	1 - 138	
Anthracene	100	67.13		ug/L	67	28 - 155	7 - 176	
Azobenzene	100	47.71		ug/L	48	19 - 146	1 - 167	
Benzidine	100	34.83	J	ug/L	35	10 - 120	1 - 138	
Benzo[a]anthracene	100	68.70		ug/L	69	26 - 159	4 - 181	
Benzo[a]pyrene	100	72.23		ug/L	72	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	76.03		ug/L	76	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	65.73		ug/L	66	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	73.17		ug/L	73	30 - 165	8 - 188	
Benzoic acid	100	35.91	J	ug/L	36	10 - 123	1 - 142	
Benzyl alcohol	100	66.51		ug/L	67	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	60.84		ug/L	61	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	59.46		ug/L	59	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	41.70		ug/L	42	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L	58	27 - 163	4 - 186	
Butyl benzyl phthalate	100	58.38		ug/L	58	26 - 161	4 - 184	
Chrysene	100	65.80		ug/L	66	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	71.11		ug/L	71	26 - 153	5 - 174	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	100	70.67		ug/L	71	27 - 139	8 - 158	
Diethyl phthalate	100	69.36		ug/L	69	28 - 149	8 - 169	
Dimethyl phthalate	100	74.24		ug/L	74	29 - 148	9 - 168	
Di-n-butyl phthalate	100	59.56		ug/L	60	30 - 151	10 - 171	
Di-n-octyl phthalate	100	59.51		ug/L	60	40 - 166	19 - 187	
Fluoranthene	100	66.24		ug/L	66	28 - 159	6 - 181	
Fluorene	100	73.47		ug/L	73	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	75.99		ug/L	76	17 - 120	1 - 137	
Hexachlorobenzene	100	61.03		ug/L	61	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	77.53		ug/L	78	21 - 145	1 - 166	
Hexachloroethane	100	57.57		ug/L	58	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L	72	23 - 162	1 - 185	
Isophorone	100	55.25		ug/L	55	15 - 146	1 - 168	
Naphthalene	100	66.02		ug/L	66	19 - 120	2 - 137	
Nitrobenzene	100	57.31		ug/L	57	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	34.19		ug/L	34	10 - 120	1 - 138	
N-Nitrosodi-n-propylamine	100	58.34		ug/L	58	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L	75	30 - 168	7 - 191	
Pentachlorophenol	100	74.69		ug/L	75	10 - 153	1 - 177	
Phenanthrene	100	64.20		ug/L	64	27 - 150	7 - 171	
Phenol	100	27.87		ug/L	28	10 - 120	1 - 138	
Pyrene	100	67.27		ug/L	67	23 - 153	1 - 175	
Pyridine	100	ND	*-	ug/L	0	10 - 120	1 - 138	X

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 510544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	8260B	510620
570-209623-2	SB30-5.0	Total/NA	Solid	8260B	510620
570-209623-3	SB30-15.0	Total/NA	Solid	8260B	510620
570-209623-4	SB32-2.0	Total/NA	Solid	8260B	510620
MB 570-510544/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-510544/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510544/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 510605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-5	SB32-5.0	Total/NA	Solid	8260B	510620
570-209623-6	SB32-15.0	Total/NA	Solid	8260B	510620
570-209623-7	SB34-2.0	Total/NA	Solid	8260B	510620
570-209623-8	SB34-5.0	Total/NA	Solid	8260B	510620
570-209623-9	SB34-15.0	Total/NA	Solid	8260B	510620
570-209623-10	SB36-2.0	Total/NA	Solid	8260B	510620
570-209623-11	SB36-5.0	Total/NA	Solid	8260B	510620
570-209623-12	SB36-15.0	Total/NA	Solid	8260B	510620
570-209623-13	SB41-2.0	Total/NA	Solid	8260B	510620
570-209623-14	SB41-5.0	Total/NA	Solid	8260B	510620
570-209623-15	SB41-15.0	Total/NA	Solid	8260B	510620
570-209623-16	SB40-2.0	Total/NA	Solid	8260B	510620
570-209623-17	SB40-5.0	Total/NA	Solid	8260B	510620
570-209623-18	SB40-15.0	Total/NA	Solid	8260B	510620
570-209623-19	SB43-2.0	Total/NA	Solid	8260B	510620
570-209623-20	SB43-5.0	Total/NA	Solid	8260B	510620
570-209623-21	SB43-15.0	Total/NA	Solid	8260B	510620
570-209623-22	SB38-2.0	Total/NA	Solid	8260B	510620
570-209623-23	SB38-5.0	Total/NA	Solid	8260B	510620
MB 570-510605/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-510605/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510605/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 510620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	5035	
570-209623-2	SB30-5.0	Total/NA	Solid	5035	
570-209623-3	SB30-15.0	Total/NA	Solid	5035	
570-209623-4	SB32-2.0	Total/NA	Solid	5035	
570-209623-5	SB32-5.0	Total/NA	Solid	5035	
570-209623-6	SB32-15.0	Total/NA	Solid	5035	
570-209623-7	SB34-2.0	Total/NA	Solid	5035	
570-209623-8	SB34-5.0	Total/NA	Solid	5035	
570-209623-9	SB34-15.0	Total/NA	Solid	5035	
570-209623-10	SB36-2.0	Total/NA	Solid	5035	
570-209623-11	SB36-5.0	Total/NA	Solid	5035	
570-209623-12	SB36-15.0	Total/NA	Solid	5035	
570-209623-13	SB41-2.0	Total/NA	Solid	5035	
570-209623-14	SB41-5.0	Total/NA	Solid	5035	
570-209623-15	SB41-15.0	Total/NA	Solid	5035	
570-209623-16	SB40-2.0	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 510620 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-17	SB40-5.0	Total/NA	Solid	5035	
570-209623-18	SB40-15.0	Total/NA	Solid	5035	
570-209623-19	SB43-2.0	Total/NA	Solid	5035	
570-209623-20	SB43-5.0	Total/NA	Solid	5035	
570-209623-21	SB43-15.0	Total/NA	Solid	5035	
570-209623-22	SB38-2.0	Total/NA	Solid	5035	
570-209623-23	SB38-5.0	Total/NA	Solid	5035	
570-209623-24	SB38-15.0	Total/NA	Solid	5035	

Analysis Batch: 510778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	8260B	
570-209623-26	TB-20241204-1	Total/NA	Water	8260B	
MB 570-510778/7	Method Blank	Total/NA	Water	8260B	
LCS 570-510778/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-510778/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 510793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-24	SB38-15.0	Total/NA	Solid	8260B	510620
MB 570-510793/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-510793/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510793/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 510363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	3510C	
MB 570-510363/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 510534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	3510C	
MB 570-510534/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 510957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	3546	
570-209623-2	SB30-5.0	Total/NA	Solid	3546	
570-209623-3	SB30-15.0	Total/NA	Solid	3546	
570-209623-4	SB32-2.0	Total/NA	Solid	3546	
570-209623-5	SB32-5.0	Total/NA	Solid	3546	
570-209623-6	SB32-15.0	Total/NA	Solid	3546	
570-209623-7	SB34-2.0	Total/NA	Solid	3546	
570-209623-8	SB34-5.0	Total/NA	Solid	3546	
570-209623-9	SB34-15.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 510957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-10	SB36-2.0	Total/NA	Solid	3546	
570-209623-11	SB36-5.0	Total/NA	Solid	3546	
570-209623-12	SB36-15.0	Total/NA	Solid	3546	
570-209623-13	SB41-2.0	Total/NA	Solid	3546	
570-209623-14	SB41-5.0	Total/NA	Solid	3546	
570-209623-15	SB41-15.0	Total/NA	Solid	3546	
570-209623-16	SB40-2.0	Total/NA	Solid	3546	
570-209623-17	SB40-5.0	Total/NA	Solid	3546	
MB 570-510957/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510957/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510957/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209623-5 MS	SB32-5.0	Total/NA	Solid	3546	
570-209623-5 MSD	SB32-5.0	Total/NA	Solid	3546	

Prep Batch: 510959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	3546	
570-209623-2	SB30-5.0	Total/NA	Solid	3546	
570-209623-3	SB30-15.0	Total/NA	Solid	3546	
570-209623-4	SB32-2.0	Total/NA	Solid	3546	
570-209623-5	SB32-5.0	Total/NA	Solid	3546	
570-209623-6	SB32-15.0	Total/NA	Solid	3546	
570-209623-7	SB34-2.0	Total/NA	Solid	3546	
570-209623-8	SB34-5.0	Total/NA	Solid	3546	
570-209623-9	SB34-15.0	Total/NA	Solid	3546	
570-209623-10	SB36-2.0	Total/NA	Solid	3546	
570-209623-11	SB36-5.0	Total/NA	Solid	3546	
570-209623-12	SB36-15.0	Total/NA	Solid	3546	
570-209623-13	SB41-2.0	Total/NA	Solid	3546	
570-209623-14	SB41-5.0	Total/NA	Solid	3546	
570-209623-15	SB41-15.0	Total/NA	Solid	3546	
570-209623-16	SB40-2.0	Total/NA	Solid	3546	
570-209623-17	SB40-5.0	Total/NA	Solid	3546	
MB 570-510959/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510959/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510959/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209623-5 MS	SB32-5.0	Total/NA	Solid	3546	
570-209623-5 MSD	SB32-5.0	Total/NA	Solid	3546	

Prep Batch: 510971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	3546	
570-209623-19	SB43-2.0	Total/NA	Solid	3546	
570-209623-20	SB43-5.0	Total/NA	Solid	3546	
570-209623-21	SB43-15.0	Total/NA	Solid	3546	
570-209623-22	SB38-2.0	Total/NA	Solid	3546	
570-209623-23	SB38-5.0	Total/NA	Solid	3546	
570-209623-24	SB38-15.0	Total/NA	Solid	3546	
MB 570-510971/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510971/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510971/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 510971 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18 MS	SB40-15.0	Total/NA	Solid	3546	
570-209623-18 MSD	SB40-15.0	Total/NA	Solid	3546	

Prep Batch: 510973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	3546	
570-209623-19	SB43-2.0	Total/NA	Solid	3546	
570-209623-20	SB43-5.0	Total/NA	Solid	3546	
570-209623-21	SB43-15.0	Total/NA	Solid	3546	
570-209623-22	SB38-2.0	Total/NA	Solid	3546	
570-209623-23	SB38-5.0	Total/NA	Solid	3546	
570-209623-24	SB38-15.0	Total/NA	Solid	3546	
MB 570-510973/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510973/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510973/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209623-18 MS	SB40-15.0	Total/NA	Solid	3546	
570-209623-18 MSD	SB40-15.0	Total/NA	Solid	3546	

Analysis Batch: 511619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	8270C	510363
MB 570-510363/1-A	Method Blank	Total/NA	Water	8270C	510363
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	8270C	510363
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	510363

Analysis Batch: 511700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	8270C SIM	510971
570-209623-19	SB43-2.0	Total/NA	Solid	8270C SIM	510971
570-209623-20	SB43-5.0	Total/NA	Solid	8270C SIM	510971
570-209623-21	SB43-15.0	Total/NA	Solid	8270C SIM	510971
570-209623-22	SB38-2.0	Total/NA	Solid	8270C SIM	510971
570-209623-23	SB38-5.0	Total/NA	Solid	8270C SIM	510971
570-209623-24	SB38-15.0	Total/NA	Solid	8270C SIM	510971
MB 570-510971/1-A	Method Blank	Total/NA	Solid	8270C SIM	510971
LCS 570-510971/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510971
LCSD 570-510971/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510971
570-209623-18 MS	SB40-15.0	Total/NA	Solid	8270C SIM	510971
570-209623-18 MSD	SB40-15.0	Total/NA	Solid	8270C SIM	510971

Analysis Batch: 511708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	8270C SIM	510534
MB 570-510534/1-A	Method Blank	Total/NA	Water	8270C SIM	510534
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	510534
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	510534

Analysis Batch: 512012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	8270C	510959
570-209623-2	SB30-5.0	Total/NA	Solid	8270C	510959

GC/MS Semi VOA (Continued)

Analysis Batch: 512012 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-3	SB30-15.0	Total/NA	Solid	8270C	510959
570-209623-4	SB32-2.0	Total/NA	Solid	8270C	510959
570-209623-5	SB32-5.0	Total/NA	Solid	8270C	510959
570-209623-6	SB32-15.0	Total/NA	Solid	8270C	510959
570-209623-7	SB34-2.0	Total/NA	Solid	8270C	510959
570-209623-5 MS	SB32-5.0	Total/NA	Solid	8270C	510959
570-209623-5 MSD	SB32-5.0	Total/NA	Solid	8270C	510959

Analysis Batch: 512018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-2	SB30-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-3	SB30-15.0	Total/NA	Solid	8270C SIM	510957
570-209623-4	SB32-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-5	SB32-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-6	SB32-15.0	Total/NA	Solid	8270C SIM	510957
570-209623-7	SB34-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-8	SB34-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-9	SB34-15.0	Total/NA	Solid	8270C SIM	510957
570-209623-10	SB36-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-11	SB36-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-12	SB36-15.0	Total/NA	Solid	8270C SIM	510957
570-209623-13	SB41-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-14	SB41-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-15	SB41-15.0	Total/NA	Solid	8270C SIM	510957
570-209623-16	SB40-2.0	Total/NA	Solid	8270C SIM	510957
570-209623-17	SB40-5.0	Total/NA	Solid	8270C SIM	510957
MB 570-510957/1-A	Method Blank	Total/NA	Solid	8270C SIM	510957
LCS 570-510957/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510957
LCSD 570-510957/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510957
570-209623-5 MS	SB32-5.0	Total/NA	Solid	8270C SIM	510957
570-209623-5 MSD	SB32-5.0	Total/NA	Solid	8270C SIM	510957

Analysis Batch: 512028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-8	SB34-5.0	Total/NA	Solid	8270C	510959
570-209623-9	SB34-15.0	Total/NA	Solid	8270C	510959
570-209623-10	SB36-2.0	Total/NA	Solid	8270C	510959
570-209623-11	SB36-5.0	Total/NA	Solid	8270C	510959
570-209623-12	SB36-15.0	Total/NA	Solid	8270C	510959
570-209623-13	SB41-2.0	Total/NA	Solid	8270C	510959
570-209623-14	SB41-5.0	Total/NA	Solid	8270C	510959
570-209623-15	SB41-15.0	Total/NA	Solid	8270C	510959
570-209623-16	SB40-2.0	Total/NA	Solid	8270C	510959
570-209623-17	SB40-5.0	Total/NA	Solid	8270C	510959
MB 570-510959/1-A	Method Blank	Total/NA	Solid	8270C	510959
LCS 570-510959/2-A	Lab Control Sample	Total/NA	Solid	8270C	510959
LCSD 570-510959/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510959

GC/MS Semi VOA

Analysis Batch: 512551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	8270C	510973
570-209623-19	SB43-2.0	Total/NA	Solid	8270C	510973
570-209623-20	SB43-5.0	Total/NA	Solid	8270C	510973
570-209623-21	SB43-15.0	Total/NA	Solid	8270C	510973
570-209623-22	SB38-2.0	Total/NA	Solid	8270C	510973
570-209623-23	SB38-5.0	Total/NA	Solid	8270C	510973
570-209623-24	SB38-15.0	Total/NA	Solid	8270C	510973
MB 570-510973/1-A	Method Blank	Total/NA	Solid	8270C	510973
LCS 570-510973/2-A	Lab Control Sample	Total/NA	Solid	8270C	510973
LCSD 570-510973/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510973
570-209623-18 MS	SB40-15.0	Total/NA	Solid	8270C	510973
570-209623-18 MSD	SB40-15.0	Total/NA	Solid	8270C	510973

GC VOA

Prep Batch: 510620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	5035	
570-209623-2	SB30-5.0	Total/NA	Solid	5035	
570-209623-3	SB30-15.0	Total/NA	Solid	5035	
570-209623-4	SB32-2.0	Total/NA	Solid	5035	
570-209623-5	SB32-5.0	Total/NA	Solid	5035	
570-209623-6	SB32-15.0	Total/NA	Solid	5035	
570-209623-7	SB34-2.0	Total/NA	Solid	5035	
570-209623-8	SB34-5.0	Total/NA	Solid	5035	
570-209623-9	SB34-15.0	Total/NA	Solid	5035	
570-209623-10	SB36-2.0	Total/NA	Solid	5035	
570-209623-11	SB36-5.0	Total/NA	Solid	5035	
570-209623-12	SB36-15.0	Total/NA	Solid	5035	
570-209623-13	SB41-2.0	Total/NA	Solid	5035	
570-209623-14	SB41-5.0	Total/NA	Solid	5035	
570-209623-15	SB41-15.0	Total/NA	Solid	5035	
570-209623-16	SB40-2.0	Total/NA	Solid	5035	
570-209623-17	SB40-5.0	Total/NA	Solid	5035	
570-209623-18	SB40-15.0	Total/NA	Solid	5035	
570-209623-19	SB43-2.0	Total/NA	Solid	5035	
570-209623-20	SB43-5.0	Total/NA	Solid	5035	
570-209623-21	SB43-15.0	Total/NA	Solid	5035	
570-209623-22	SB38-2.0	Total/NA	Solid	5035	
570-209623-23	SB38-5.0	Total/NA	Solid	5035	
570-209623-24	SB38-15.0	Total/NA	Solid	5035	

Analysis Batch: 511367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	8015B	510620
MB 570-511367/33	Method Blank	Total/NA	Solid	8015B	
LCS 570-511367/31	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-511367/32	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC VOA

Analysis Batch: 511402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-6	SB32-15.0	Total/NA	Solid	8015B	510620
570-209623-7	SB34-2.0	Total/NA	Solid	8015B	510620
570-209623-8	SB34-5.0	Total/NA	Solid	8015B	510620
570-209623-9	SB34-15.0	Total/NA	Solid	8015B	510620
570-209623-10	SB36-2.0	Total/NA	Solid	8015B	510620
570-209623-11	SB36-5.0	Total/NA	Solid	8015B	510620
570-209623-12	SB36-15.0	Total/NA	Solid	8015B	510620
570-209623-13	SB41-2.0	Total/NA	Solid	8015B	510620
570-209623-14	SB41-5.0	Total/NA	Solid	8015B	510620
570-209623-15	SB41-15.0	Total/NA	Solid	8015B	510620
570-209623-16	SB40-2.0	Total/NA	Solid	8015B	510620
570-209623-17	SB40-5.0	Total/NA	Solid	8015B	510620
570-209623-18	SB40-15.0	Total/NA	Solid	8015B	510620
570-209623-19	SB43-2.0	Total/NA	Solid	8015B	510620
570-209623-20	SB43-5.0	Total/NA	Solid	8015B	510620
570-209623-21	SB43-15.0	Total/NA	Solid	8015B	510620
570-209623-22	SB38-2.0	Total/NA	Solid	8015B	510620
570-209623-23	SB38-5.0	Total/NA	Solid	8015B	510620
570-209623-24	SB38-15.0	Total/NA	Solid	8015B	510620
MB 570-511402/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-511402/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-511402/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	8015B	
MB 570-512119/5	Method Blank	Total/NA	Water	8015B	
LCS 570-512119/3	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-512119/4	Lab Control Sample Dup	Total/NA	Water	8015B	

Analysis Batch: 512124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-2	SB30-5.0	Total/NA	Solid	8015B	510620
570-209623-3	SB30-15.0	Total/NA	Solid	8015B	510620
570-209623-4	SB32-2.0	Total/NA	Solid	8015B	510620
570-209623-5	SB32-5.0	Total/NA	Solid	8015B	510620
MB 570-512124/7	Method Blank	Total/NA	Solid	8015B	
LCS 570-512124/5	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512124/6	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 510644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	3510C	
MB 570-510644/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510644/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510644/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC Semi VOA

Analysis Batch: 511161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	8015B	510644
MB 570-510644/1-A	Method Blank	Total/NA	Water	8015B	510644
LCS 570-510644/2-A	Lab Control Sample	Total/NA	Water	8015B	510644
LCSD 570-510644/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	510644

Prep Batch: 511284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	3550C	
570-209623-2	SB30-5.0	Total/NA	Solid	3550C	
570-209623-3	SB30-15.0	Total/NA	Solid	3550C	
570-209623-4	SB32-2.0	Total/NA	Solid	3550C	
570-209623-5	SB32-5.0	Total/NA	Solid	3550C	
570-209623-6	SB32-15.0	Total/NA	Solid	3550C	
570-209623-7	SB34-2.0	Total/NA	Solid	3550C	
570-209623-8	SB34-5.0	Total/NA	Solid	3550C	
570-209623-9	SB34-15.0	Total/NA	Solid	3550C	
570-209623-10	SB36-2.0	Total/NA	Solid	3550C	
570-209623-11	SB36-5.0	Total/NA	Solid	3550C	
570-209623-12	SB36-15.0	Total/NA	Solid	3550C	
570-209623-13	SB41-2.0	Total/NA	Solid	3550C	
570-209623-14	SB41-5.0	Total/NA	Solid	3550C	
570-209623-15	SB41-15.0	Total/NA	Solid	3550C	
570-209623-16	SB40-2.0	Total/NA	Solid	3550C	
570-209623-17	SB40-5.0	Total/NA	Solid	3550C	
MB 570-511284/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-511284/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-511284/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-209623-1 MS	SB30-2.0	Total/NA	Solid	3550C	
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	3550C	

Prep Batch: 511285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	3550C	
570-209623-19	SB43-2.0	Total/NA	Solid	3550C	
570-209623-20	SB43-5.0	Total/NA	Solid	3550C	
570-209623-21	SB43-15.0	Total/NA	Solid	3550C	
570-209623-22	SB38-2.0	Total/NA	Solid	3550C	
570-209623-23	SB38-5.0	Total/NA	Solid	3550C	
570-209623-24	SB38-15.0	Total/NA	Solid	3550C	
MB 570-511285/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-511285/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-511285/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 511328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	8015B	511284
570-209623-2	SB30-5.0	Total/NA	Solid	8015B	511284
570-209623-3	SB30-15.0	Total/NA	Solid	8015B	511284
570-209623-4	SB32-2.0	Total/NA	Solid	8015B	511284
570-209623-5	SB32-5.0	Total/NA	Solid	8015B	511284
570-209623-6	SB32-15.0	Total/NA	Solid	8015B	511284

GC Semi VOA (Continued)

Analysis Batch: 511328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-7	SB34-2.0	Total/NA	Solid	8015B	511284
570-209623-8	SB34-5.0	Total/NA	Solid	8015B	511284
570-209623-9	SB34-15.0	Total/NA	Solid	8015B	511284
570-209623-10	SB36-2.0	Total/NA	Solid	8015B	511284
570-209623-11	SB36-5.0	Total/NA	Solid	8015B	511284
570-209623-12	SB36-15.0	Total/NA	Solid	8015B	511284
570-209623-13	SB41-2.0	Total/NA	Solid	8015B	511284
570-209623-14	SB41-5.0	Total/NA	Solid	8015B	511284
570-209623-15	SB41-15.0	Total/NA	Solid	8015B	511284
570-209623-16	SB40-2.0	Total/NA	Solid	8015B	511284
570-209623-17	SB40-5.0	Total/NA	Solid	8015B	511284
MB 570-511284/1-A	Method Blank	Total/NA	Solid	8015B	511284
LCS 570-511284/2-A	Lab Control Sample	Total/NA	Solid	8015B	511284
LCSD 570-511284/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	511284
570-209623-1 MS	SB30-2.0	Total/NA	Solid	8015B	511284
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	8015B	511284

Analysis Batch: 511342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-511285/1-A	Method Blank	Total/NA	Solid	8015B	511285
LCS 570-511285/2-A	Lab Control Sample	Total/NA	Solid	8015B	511285
LCSD 570-511285/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	511285

Analysis Batch: 511350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	8015B	511285
570-209623-19	SB43-2.0	Total/NA	Solid	8015B	511285
570-209623-20	SB43-5.0	Total/NA	Solid	8015B	511285
570-209623-21	SB43-15.0	Total/NA	Solid	8015B	511285
570-209623-22	SB38-2.0	Total/NA	Solid	8015B	511285
570-209623-23	SB38-5.0	Total/NA	Solid	8015B	511285
570-209623-24	SB38-15.0	Total/NA	Solid	8015B	511285

Metals

Prep Batch: 510813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	3005A	
MB 570-510813/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-510813/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-510813/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 510872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	7471A	
570-209623-2	SB30-5.0	Total/NA	Solid	7471A	
570-209623-3	SB30-15.0	Total/NA	Solid	7471A	
570-209623-4	SB32-2.0	Total/NA	Solid	7471A	
570-209623-5	SB32-5.0	Total/NA	Solid	7471A	
570-209623-6	SB32-15.0	Total/NA	Solid	7471A	
570-209623-7	SB34-2.0	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 510872 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-8	SB34-5.0	Total/NA	Solid	7471A	
570-209623-9	SB34-15.0	Total/NA	Solid	7471A	
570-209623-10	SB36-2.0	Total/NA	Solid	7471A	
570-209623-11	SB36-5.0	Total/NA	Solid	7471A	
570-209623-12	SB36-15.0	Total/NA	Solid	7471A	
570-209623-13	SB41-2.0	Total/NA	Solid	7471A	
570-209623-14	SB41-5.0	Total/NA	Solid	7471A	
570-209623-15	SB41-15.0	Total/NA	Solid	7471A	
570-209623-16	SB40-2.0	Total/NA	Solid	7471A	
570-209623-17	SB40-5.0	Total/NA	Solid	7471A	
570-209623-18	SB40-15.0	Total/NA	Solid	7471A	
570-209623-19	SB43-2.0	Total/NA	Solid	7471A	
570-209623-20	SB43-5.0	Total/NA	Solid	7471A	
MB 570-510872/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-510872/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-510872/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209623-1 MS	SB30-2.0	Total/NA	Solid	7471A	
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	7471A	

Prep Batch: 510879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-21	SB43-15.0	Total/NA	Solid	7471A	
570-209623-22	SB38-2.0	Total/NA	Solid	7471A	
570-209623-23	SB38-5.0	Total/NA	Solid	7471A	
570-209623-24	SB38-15.0	Total/NA	Solid	7471A	
MB 570-510879/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-510879/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-510879/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209623-21 MS	SB43-15.0	Total/NA	Solid	7471A	
570-209623-21 MSD	SB43-15.0	Total/NA	Solid	7471A	

Analysis Batch: 511118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	7471A	510872
570-209623-2	SB30-5.0	Total/NA	Solid	7471A	510872
570-209623-3	SB30-15.0	Total/NA	Solid	7471A	510872
570-209623-4	SB32-2.0	Total/NA	Solid	7471A	510872
570-209623-8	SB34-5.0	Total/NA	Solid	7471A	510872
570-209623-9	SB34-15.0	Total/NA	Solid	7471A	510872
570-209623-10	SB36-2.0	Total/NA	Solid	7471A	510872
570-209623-11	SB36-5.0	Total/NA	Solid	7471A	510872
570-209623-12	SB36-15.0	Total/NA	Solid	7471A	510872
570-209623-13	SB41-2.0	Total/NA	Solid	7471A	510872
570-209623-14	SB41-5.0	Total/NA	Solid	7471A	510872
570-209623-15	SB41-15.0	Total/NA	Solid	7471A	510872
570-209623-16	SB40-2.0	Total/NA	Solid	7471A	510872
570-209623-17	SB40-5.0	Total/NA	Solid	7471A	510872
570-209623-18	SB40-15.0	Total/NA	Solid	7471A	510872
570-209623-19	SB43-2.0	Total/NA	Solid	7471A	510872
570-209623-20	SB43-5.0	Total/NA	Solid	7471A	510872
570-209623-21	SB43-15.0	Total/NA	Solid	7471A	510879

Metals (Continued)

Analysis Batch: 511118 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-23	SB38-5.0	Total/NA	Solid	7471A	510879
570-209623-24	SB38-15.0	Total/NA	Solid	7471A	510879
MB 570-510872/1-A	Method Blank	Total/NA	Solid	7471A	510872
MB 570-510879/1-A	Method Blank	Total/NA	Solid	7471A	510879
LCS 570-510879/2-A	Lab Control Sample	Total/NA	Solid	7471A	510879
LCSD 570-510872/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	510872
LCSD 570-510879/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	510879
570-209623-1 MS	SB30-2.0	Total/NA	Solid	7471A	510872
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	7471A	510872
570-209623-21 MS	SB43-15.0	Total/NA	Solid	7471A	510879
570-209623-21 MSD	SB43-15.0	Total/NA	Solid	7471A	510879

Analysis Batch: 511131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	6010B	510813
MB 570-510813/1-A	Method Blank	Total Recoverable	Water	6010B	510813
LCS 570-510813/2-A	Lab Control Sample	Total Recoverable	Water	6010B	510813
LCSD 570-510813/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	510813

Prep Batch: 511613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-21	SB43-15.0	Total/NA	Solid	3051A	
570-209623-22	SB38-2.0	Total/NA	Solid	3051A	
570-209623-23	SB38-5.0	Total/NA	Solid	3051A	
570-209623-24	SB38-15.0	Total/NA	Solid	3051A	
MB 570-511613/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-511613/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-511613/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	

Prep Batch: 511626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	3051A	
570-209623-2	SB30-5.0	Total/NA	Solid	3051A	
570-209623-3	SB30-15.0	Total/NA	Solid	3051A	
570-209623-4	SB32-2.0	Total/NA	Solid	3051A	
570-209623-5	SB32-5.0	Total/NA	Solid	3051A	
570-209623-6	SB32-15.0	Total/NA	Solid	3051A	
570-209623-7	SB34-2.0	Total/NA	Solid	3051A	
570-209623-8	SB34-5.0	Total/NA	Solid	3051A	
570-209623-9	SB34-15.0	Total/NA	Solid	3051A	
570-209623-10	SB36-2.0	Total/NA	Solid	3051A	
570-209623-11	SB36-5.0	Total/NA	Solid	3051A	
570-209623-12	SB36-15.0	Total/NA	Solid	3051A	
570-209623-13	SB41-2.0	Total/NA	Solid	3051A	
570-209623-14	SB41-5.0	Total/NA	Solid	3051A	
570-209623-15	SB41-15.0	Total/NA	Solid	3051A	
570-209623-16	SB40-2.0	Total/NA	Solid	3051A	
570-209623-17	SB40-5.0	Total/NA	Solid	3051A	
570-209623-18	SB40-15.0	Total/NA	Solid	3051A	
570-209623-19	SB43-2.0	Total/NA	Solid	3051A	
570-209623-20	SB43-5.0	Total/NA	Solid	3051A	

Metals (Continued)

Prep Batch: 511626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-511626/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-511626/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-511626/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-209623-1 MS	SB30-2.0	Total/NA	Solid	3051A	
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	3051A	

Prep Batch: 511713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	7470A	
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 511752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-25	EB-20241204	Total/NA	Water	7470A	511713
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	511713
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	511713
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	511713

Analysis Batch: 511903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-510872/2-A	Lab Control Sample	Total/NA	Solid	7471A	510872

Analysis Batch: 512272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-21	SB43-15.0	Total/NA	Solid	6010B	511613
570-209623-22	SB38-2.0	Total/NA	Solid	6010B	511613
570-209623-23	SB38-5.0	Total/NA	Solid	6010B	511613
570-209623-24	SB38-15.0	Total/NA	Solid	6010B	511613
MB 570-511613/1-A ^2	Method Blank	Total/NA	Solid	6010B	511613
LCS 570-511613/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	511613
LCSD 570-511613/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	511613

Analysis Batch: 512483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	6010B	511626
570-209623-2	SB30-5.0	Total/NA	Solid	6010B	511626
570-209623-3	SB30-15.0	Total/NA	Solid	6010B	511626
570-209623-4	SB32-2.0	Total/NA	Solid	6010B	511626
570-209623-5	SB32-5.0	Total/NA	Solid	6010B	511626
570-209623-6	SB32-15.0	Total/NA	Solid	6010B	511626
570-209623-7	SB34-2.0	Total/NA	Solid	6010B	511626
570-209623-8	SB34-5.0	Total/NA	Solid	6010B	511626
570-209623-9	SB34-15.0	Total/NA	Solid	6010B	511626
570-209623-10	SB36-2.0	Total/NA	Solid	6010B	511626
570-209623-11	SB36-5.0	Total/NA	Solid	6010B	511626
570-209623-12	SB36-15.0	Total/NA	Solid	6010B	511626
570-209623-13	SB41-2.0	Total/NA	Solid	6010B	511626
570-209623-14	SB41-5.0	Total/NA	Solid	6010B	511626
570-209623-15	SB41-15.0	Total/NA	Solid	6010B	511626

Metals (Continued)

Analysis Batch: 512483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-16	SB40-2.0	Total/NA	Solid	6010B	511626
570-209623-17	SB40-5.0	Total/NA	Solid	6010B	511626
570-209623-18	SB40-15.0	Total/NA	Solid	6010B	511626
570-209623-19	SB43-2.0	Total/NA	Solid	6010B	511626
570-209623-20	SB43-5.0	Total/NA	Solid	6010B	511626
MB 570-511626/1-A ^2	Method Blank	Total/NA	Solid	6010B	511626
LCS 570-511626/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	511626
LCSD 570-511626/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	511626
570-209623-1 MS	SB30-2.0	Total/NA	Solid	6010B	511626
570-209623-1 MSD	SB30-2.0	Total/NA	Solid	6010B	511626

Analysis Batch: 513156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-5	SB32-5.0	Total/NA	Solid	7471A	510872
570-209623-6	SB32-15.0	Total/NA	Solid	7471A	510872
570-209623-7	SB34-2.0	Total/NA	Solid	7471A	510872
570-209623-22	SB38-2.0	Total/NA	Solid	7471A	510879

Analysis Batch: 513230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-6	SB32-15.0	Total/NA	Solid	6010B	511626

General Chemistry

Analysis Batch: 511125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-1	SB30-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-2	SB30-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-3	SB30-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-4	SB32-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-5	SB32-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-6	SB32-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-7	SB34-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-8	SB34-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-9	SB34-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-10	SB36-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-11	SB36-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-12	SB36-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-13	SB41-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-14	SB41-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-15	SB41-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-16	SB40-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-17	SB40-5.0	Total/NA	Solid	Moisture - 2540	
MB 570-511125/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209623-1 DU	SB30-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-11 DU	SB36-5.0	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 511376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-18	SB40-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-19	SB43-2.0	Total/NA	Solid	Moisture - 2540	

General Chemistry (Continued)

Analysis Batch: 511376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209623-20	SB43-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-21	SB43-15.0	Total/NA	Solid	Moisture - 2540	
570-209623-22	SB38-2.0	Total/NA	Solid	Moisture - 2540	
570-209623-23	SB38-5.0	Total/NA	Solid	Moisture - 2540	
570-209623-24	SB38-15.0	Total/NA	Solid	Moisture - 2540	
MB 570-511376/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209623-18 DU	SB40-15.0	Total/NA	Solid	Moisture - 2540	

Client Sample ID: SB30-2.0
Date Collected: 12/04/24 07:45
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.925 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/06/24 00:06	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.09 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 16:22	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 12:17	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.085 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511367	12/08/24 02:05	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.30 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 22:05	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5317 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:17	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:31	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB30-5.0
Date Collected: 12/04/24 07:55
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.56 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/06/24 00:27	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.02 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 16:46	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.15 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 12:38	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.89 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 15:43	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.05 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 22:26	E5RH	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: SB30-5.0
Lab Sample ID: 570-209623-2
Date Collected: 12/04/24 07:55
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5289 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:26	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:37	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB30-15.0
Lab Sample ID: 570-209623-3
Date Collected: 12/04/24 08:05
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.069 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/06/24 00:48	NR	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.10 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 17:09	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.12 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 12:59	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.093 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 16:07	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.18 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 22:47	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5474 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:28	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:39	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB32-2.0
Lab Sample ID: 570-209623-4
Date Collected: 12/04/24 08:20
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.43 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510544	12/06/24 01:08	NR	EET CAL 4
	Instrument ID: GCMSLL									

Client Sample ID: SB32-2.0
Lab Sample ID: 570-209623-4
Date Collected: 12/04/24 08:20
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 17:33	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.06 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 13:21	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.002 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 16:31	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.07 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 23:08	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4821 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:35	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:41	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB32-5.0
Lab Sample ID: 570-209623-5
Date Collected: 12/04/24 08:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.551 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/05/24 23:58	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.12 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 17:56	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 11:13	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.929 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 16:55	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.33 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 23:29	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4968 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:37	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB32-5.0
Lab Sample ID: 570-209623-5
Date Collected: 12/04/24 08:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			513156	12/12/24 12:02	RL6Q	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB32-15.0
Lab Sample ID: 570-209623-6
Date Collected: 12/04/24 08:30
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.932 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 00:21	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.04 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 18:20	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.04 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 13:42	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.159 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 18:56	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.06 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/07/24 23:50	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5390 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:40	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	3051A			0.5390 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513230	12/12/24 15:13	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			513156	12/12/24 12:03	RL6Q	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB34-2.0
Lab Sample ID: 570-209623-7
Date Collected: 12/04/24 11:15
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.442 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 00:43	NR	EET CAL 4
	Instrument ID: GCMSCC									

Client Sample ID: SB34-2.0
Lab Sample ID: 570-209623-7
Date Collected: 12/04/24 11:15
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.01 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 18:43	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.02 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 14:03	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.651 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 18:37	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.40 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 00:11	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5269 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:42	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			513156	12/12/24 12:05	RL6Q	EET CAL 4
	Instrument ID: HG7									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB34-5.0
Lab Sample ID: 570-209623-8
Date Collected: 12/04/24 11:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.25 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 01:05	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.02 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 15:58	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.02 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 14:24	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.619 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 18:18	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.46 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 00:33	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5090 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB34-5.0
Lab Sample ID: 570-209623-8
Date Collected: 12/04/24 11:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.52 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:54	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB34-15.0
Lab Sample ID: 570-209623-9
Date Collected: 12/04/24 11:30
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.378 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 01:27	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.01 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 16:21	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.03 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 14:45	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.719 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 17:59	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.17 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 00:54	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4931 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:47	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:56	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB36-2.0
Lab Sample ID: 570-209623-10
Date Collected: 12/04/24 11:35
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.843 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 01:49	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.01 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 16:44	CG	EET CAL 4
	Instrument ID: GCMSSS									

Client Sample ID: SB36-2.0
Lab Sample ID: 570-209623-10
Date Collected: 12/04/24 11:35
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.09 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 15:07	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.464 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 17:40	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.24 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 01:15	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5038 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:49	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 18:58	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB36-5.0
Lab Sample ID: 570-209623-11
Date Collected: 12/04/24 11:40
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.878 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 02:11	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.05 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 17:07	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.01 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 15:28	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.574 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 17:22	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.02 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 01:36	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5220 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:51	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:00	BG9Y	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB36-5.0
Lab Sample ID: 570-209623-11
Date Collected: 12/04/24 11:40
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4

Client Sample ID: SB36-15.0
Lab Sample ID: 570-209623-12
Date Collected: 12/04/24 12:00
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.148 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 02:33	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.02 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 17:30	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.12 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 15:49	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.246 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 17:03	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.08 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 01:57	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5492 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:54	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:02	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB41-2.0
Lab Sample ID: 570-209623-13
Date Collected: 12/04/24 12:50
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 02:55	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 17:54	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.08 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 16:10	CG	EET CAL 4
	Instrument ID: GCMSAAA									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Client Sample ID: SB41-2.0
Lab Sample ID: 570-209623-13
Date Collected: 12/04/24 12:50
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.881 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 12:46	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.07 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 02:19	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.5322 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 22:56	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:04	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB41-5.0
Lab Sample ID: 570-209623-14
Date Collected: 12/04/24 12:55
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.986 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 03:17	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.14 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 18:17	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.01 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 16:32	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.183 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 13:04	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.02 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 02:40	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4731 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:03	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:06	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB41-15.0
Lab Sample ID: 570-209623-15
Date Collected: 12/04/24 13:10
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.834 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 03:40	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 18:40	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 16:53	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.08 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 13:23	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.37 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 03:01	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4967 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:05	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:12	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB40-2.0
Lab Sample ID: 570-209623-16
Date Collected: 12/04/24 13:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.651 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 04:02	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			19.99 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 19:03	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.06 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 17:14	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.614 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 13:42	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.26 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 03:43	E5RH	EET CAL 4
	Instrument ID: GC48									

Client Sample ID: SB40-2.0
Lab Sample ID: 570-209623-16
Date Collected: 12/04/24 13:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5205 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:07	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:14	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB40-5.0
Lab Sample ID: 570-209623-17
Date Collected: 12/04/24 13:30
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.702 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 04:24	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.02 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512028	12/10/24 19:26	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.12 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 17:35	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.753 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 14:01	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.18 mL	10 mL	511284	12/07/24 10:53	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511328	12/08/24 04:05	E5RH	EET CAL 4
	Instrument ID: GC48									
Total/NA	Prep	3051A			0.4931 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:10	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:16	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511125	12/06/24 19:29	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB40-15.0
Lab Sample ID: 570-209623-18
Date Collected: 12/04/24 13:35
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.739 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 04:46	NR	EET CAL 4
	Instrument ID: GCMSCC									

Client Sample ID: SB40-15.0
Lab Sample ID: 570-209623-18
Date Collected: 12/04/24 13:35
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 12:39	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.02 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 17:42	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.231 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 14:19	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.34 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 09:08	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4980 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:12	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:18	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB43-2.0
Lab Sample ID: 570-209623-19
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.196 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 05:08	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 13:02	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.03 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 18:04	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.146 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 14:38	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.05 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 09:35	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4828 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:14	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB43-2.0
Lab Sample ID: 570-209623-19
Date Collected: 12/04/24 13:55
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.49 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:20	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB43-5.0
Lab Sample ID: 570-209623-20
Date Collected: 12/04/24 14:00
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.474 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 05:30	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.02 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 13:25	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.07 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 18:27	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.831 g	5 mL	510620	12/05/24 17:00	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 14:57	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.01 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 10:02	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5108 g	50 mL	511626	12/09/24 11:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:17	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510872	12/06/24 10:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 19:22	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB43-15.0
Lab Sample ID: 570-209623-21
Date Collected: 12/04/24 14:05
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.618 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 05:52	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.05 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 13:48	CG	EET CAL 4
	Instrument ID: GCMSSS									

Client Sample ID: SB43-15.0
Lab Sample ID: 570-209623-21
Date Collected: 12/04/24 14:05
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.07 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 18:49	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.234 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 15:16	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.18 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 10:29	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4895 g	50 mL	511613	12/09/24 11:48	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512272	12/10/24 15:15	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510879	12/06/24 10:33	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 14:51	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB38-2.0
Lab Sample ID: 570-209623-22
Date Collected: 12/04/24 14:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.599 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 06:14	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.06 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 14:11	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.01 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 19:12	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.374 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 15:35	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.19 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 10:55	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4960 g	50 mL	511613	12/09/24 11:48	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512272	12/10/24 15:22	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510879	12/06/24 10:33	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			513156	12/12/24 12:07	RL6Q	EET CAL 4
	Instrument ID: HG7									

Client Sample ID: SB38-2.0
Lab Sample ID: 570-209623-22
Date Collected: 12/04/24 14:25
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4

Client Sample ID: SB38-5.0
Lab Sample ID: 570-209623-23
Date Collected: 12/04/24 14:40
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.737 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510605	12/06/24 06:36	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.02 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 14:35	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 19:34	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.103 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 16:25	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.05 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 11:22	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5246 g	50 mL	511613	12/09/24 11:48	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512272	12/10/24 15:24	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	510879	12/06/24 10:33	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 15:03	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB38-15.0
Lab Sample ID: 570-209623-24
Date Collected: 12/04/24 14:50
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.181 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 10:31	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.02 g	2 mL	510973	12/06/24 13:32	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512551	12/11/24 14:58	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	510971	12/06/24 13:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511700	12/09/24 19:57	AX7Z	EET CAL 4
	Instrument ID: GCMSMM									

Client Sample ID: SB38-15.0
Lab Sample ID: 570-209623-24
Date Collected: 12/04/24 14:50
Matrix: Solid
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.962 g	5 mL	510620	12/05/24 17:01	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	511402	12/08/24 16:44	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			10.31 g	10 mL	511285	12/07/24 11:01	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511350	12/08/24 11:49	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5222 g	50 mL	511613	12/09/24 11:48	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512272	12/10/24 15:27	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	510879	12/06/24 10:33	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511118	12/06/24 15:09	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511376	12/08/24 08:40	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB-20241204
Lab Sample ID: 570-209623-25
Date Collected: 12/04/24 15:30
Matrix: Water
Date Received: 12/04/24 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510778	12/06/24 12:29	U1MC	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			1021.5 mL	2 mL	510363	12/06/24 05:02	UD4J	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511619	12/09/24 18:35	CG	EET CAL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			1002.8 mL	2 mL	510534	12/05/24 16:50	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 20:35	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5 mL	5 mL	512119	12/10/24 20:50	A9VE	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3510C			261.2 mL	2.5 mL	510644	12/05/24 18:19	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511161	12/07/24 06:02	H6FE	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3005A			50 mL	50 mL	510813	12/06/24 08:12	JP8N	EET CAL 4
Total/NA	Analysis	6010B		1			511131	12/06/24 19:09	UFLE	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7470A			25 mL	50 mL	511713	12/09/24 13:41	VCN7	EET CAL 4
Total/NA	Analysis	7470A		1			511752	12/09/24 17:41	BG9Y	EET CAL 4
	Instrument ID: HG9									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209623-1

Client Sample ID: TB-20241204-1

Date Collected: 12/04/24 00:00
Date Received: 12/04/24 18:01

Lab Sample ID: 570-209623-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510778	12/06/24 10:57	U1MC	EET CAL 4
	Instrument ID: GCMSXX									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209623-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209623-1	SB30-2.0	Solid	12/04/24 07:45	12/04/24 18:01
570-209623-2	SB30-5.0	Solid	12/04/24 07:55	12/04/24 18:01
570-209623-3	SB30-15.0	Solid	12/04/24 08:05	12/04/24 18:01
570-209623-4	SB32-2.0	Solid	12/04/24 08:20	12/04/24 18:01
570-209623-5	SB32-5.0	Solid	12/04/24 08:25	12/04/24 18:01
570-209623-6	SB32-15.0	Solid	12/04/24 08:30	12/04/24 18:01
570-209623-7	SB34-2.0	Solid	12/04/24 11:15	12/04/24 18:01
570-209623-8	SB34-5.0	Solid	12/04/24 11:25	12/04/24 18:01
570-209623-9	SB34-15.0	Solid	12/04/24 11:30	12/04/24 18:01
570-209623-10	SB36-2.0	Solid	12/04/24 11:35	12/04/24 18:01
570-209623-11	SB36-5.0	Solid	12/04/24 11:40	12/04/24 18:01
570-209623-12	SB36-15.0	Solid	12/04/24 12:00	12/04/24 18:01
570-209623-13	SB41-2.0	Solid	12/04/24 12:50	12/04/24 18:01
570-209623-14	SB41-5.0	Solid	12/04/24 12:55	12/04/24 18:01
570-209623-15	SB41-15.0	Solid	12/04/24 13:10	12/04/24 18:01
570-209623-16	SB40-2.0	Solid	12/04/24 13:25	12/04/24 18:01
570-209623-17	SB40-5.0	Solid	12/04/24 13:30	12/04/24 18:01
570-209623-18	SB40-15.0	Solid	12/04/24 13:35	12/04/24 18:01
570-209623-19	SB43-2.0	Solid	12/04/24 13:55	12/04/24 18:01
570-209623-20	SB43-5.0	Solid	12/04/24 14:00	12/04/24 18:01
570-209623-21	SB43-15.0	Solid	12/04/24 14:05	12/04/24 18:01
570-209623-22	SB38-2.0	Solid	12/04/24 14:25	12/04/24 18:01
570-209623-23	SB38-5.0	Solid	12/04/24 14:40	12/04/24 18:01
570-209623-24	SB38-15.0	Solid	12/04/24 14:50	12/04/24 18:01
570-209623-25	EB-20241204	Water	12/04/24 15:30	12/04/24 18:01
570-209623-26	TB-20241204-1	Water	12/04/24 00:00	12/04/24 18:01

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Friday, December 6, 2024 9:11 AM
To: Vikas Patel; Cory Lavoie; Marco Ojeda; Megan Ritsema
Subject: RE: [External] 570-209623 700152701 Sample Confirmation files from Eurofins Southwest

Vik,

We only need one of the trip blanks analyzed. Please analyze TB-20241204-1, do not analyze TB-20241204-2. Otherwise no changes.

Thank you,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100

From: Vikas Patel <TALS@reports.et.eurofinsus.com>
Sent: Thursday, December 5, 2024 4:36 PM
To: Cory Lavoie <clavoie@langan.com>; Marco Ojeda <mojeda@langan.com>; Megan Ritsema <mritsema@langan.com>; Travis Knight <tknight@langan.com>
Subject: [External] 570-209623 700152701 Sample Confirmation files from Eurofins Southwest

Hello,

Attached, please find the Sample Confirmation files for job 570-209623; 700152701

The samples were received on 12/4/2024 6:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.8°C and 1.6°C.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

Vikas Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494

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Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Thursday, December 5, 2024 11:32 AM
To: Vikas Patel; Erick Ovalle
Cc: Nilma Edward; Rafic Fanous
Subject: RE: Soil Samples 12/4/24

Vik,

Looking at this again PCBs are actually marked for all the samples on the third page of the CoC, not just the equipment blank. This is in error. We don't need any PCB analysis on these samples at all.

Apologies for the piecewise/delayed corrections.

Thanks,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100

From: Vikas Patel <Vikas.Patel@et.eurofinsus.com>
Sent: Thursday, December 5, 2024 9:40 AM
To: Travis Knight <tknight@langan.com>; Erick Ovalle <Erick.Ovalle@et.eurofinsus.com>
Cc: Nilma Edward <nedward@langan.com>; Rafic Fanous <rfanous@Langan.com>
Subject: [External] RE: Soil Samples 12/4/24

Ok, Travis!

Best Regards,

Vik Patel (*He/Him*)
Project Manager

Eurofins Environment Testing Southwest, LLC
Phone: +1 714-895-5494

From: Travis Knight <tknight@langan.com>
Sent: Thursday, December 5, 2024 9:31 AM
To: Vikas Patel <Vikas.Patel@et.eurofinsus.com>; Erick Ovalle <Erick.Ovalle@et.eurofinsus.com>
Cc: Nilma Edward <nedward@langan.com>; Rafic Fanous <rfanous@Langan.com>
Subject: RE: Soil Samples 12/4/24

Vik,

One note on this chain of custody that I overlooked yesterday. The equipment blank sample, EB-20241204, is marked for 8082 PCBs. Please do not analyze the equipment blank sample for PCBs, we do not need that method ran for that sample. All other methods are good on the equipment blank.

Sorry for the mix up.

Thanks,
Travis Knight
Project Engineer

Loc: 570
209623

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: 209~~335~~ 623

DATE: 12/4/2024
PAGE: 1 OF 3

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE:
	SAMPLER(S): (PRINT) Nilma Edward, Rafic Fanous

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB30-2.0		12/4/24	0745	Soil	6	1	S		X	X	X	X	X	
2	SB30-5.0			0755											
3	SB30-15.0			0805											
4	SB32-2.0			0820											
5	SB32-5.0			0825											
6	SB32-15.0			0830											
7	SB34-2.0			1115											
8	SB34-5.0			1125											
9	SB34-15.0			1130											
10	SB36-2.0			1135											

570-209623 Chain of Custody

Relinquished by: (Signature) 12/4/24 1630	Received by: (Signature/Affiliation) EC	Date: 12/4/24	Time: 1630
Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12/4/24	Time: 1801
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

0.1/0.8
0.9/1.6 Sc12

12/12/2024

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CHAIN-OF-CUSTODY RECORD

DATE: 12/4/24 (12/4/24)
PAGE: 2 OF 3

WO NO. / LAB USE ONLY: 623 / 209~~335~~

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): NB KF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD: ☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB36-5.0		12/4/24	1140	Soil	6	1	5		X	X	X	X	X	
12	SB36-15.0			1200											
13	SB41-2.0			1250											
14	SB41-5.0			1255											
15	SB41-15.0			1310											
16	SB40-2.0			1325											
17	SB40-5.0			1330											
18	SB40-15.0			1335											
19	SB43-2.0			1355											
20	SB43-5.0			1400											

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		12/4/24	1630
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	EC EC	12/4/24	1801
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

12/12/2024

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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY: 623 / 209335

DATE: 12/14/24

PAGE: 3 OF 3

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE: SAMPLER(S): (PRINT) ME, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB43-5.0	1405	12/14/24	[redacted]	Soil	6	1	5		X	X	X	X	X	X
22	SB38-2.0			1435											
23	SB38-5.0			[redacted]											
24	SB38-15.0			[redacted]											
				1440											
				1450											
25	EB_20241204	[illegible]		1530	water	7	4	3		X	X	X	X	X	X
26	EB-20241204-1			—	HCl	1	1					X			
27	TB-20241204-2			—	HCl	1	1					X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/14/24	Time: 1631
Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12/14/24	Time: 1801
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209623-1

Login Number: 209623
List Number: 1
Creator: Le, Sunny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/12/2024 12:49:09 PM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209746-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209746-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/5/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 2.5°C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510778. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510793. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-510795. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 570-511491: Vinyl acetate. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511491. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following sample was diluted due to the nature of the sample matrix (hydrocarbons): SB29-2.0 (570-209746-19). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270C_SIM_PAH: The following samples were diluted due to the nature of the sample matrix: SB47-2.0 (570-209746-4), SB35-2.0 (570-209746-10), SB33-1.5 (570-209746-13), SB31-2.0 (570-209746-16) and SB29-2.0 (570-209746-19). Elevated reporting limits (RLs) are provided.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-511619 recovered above the upper control limit for Hexachloro-1,3-butadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: EB_20241205 (570-209746-22) and (CCVIS 570-511619/2).

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analytes: 2,4-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, Acenaphthene, Acenaphthylene, Aniline, Azobenzene, Benzidine, Benzo[a]anthracene, Benzo[g,h,i]perylene, Benzoic acid, Bis(2-ethylhexyl) phthalate, Chrysene, Dibenz(a,h)anthracene, Dibenzofuran, Diethyl phthalate, Di-n-butyl phthalate, Di-n-octyl phthalate,

Fluoranthene, Isophorone, N-Nitrosodi-n-propylamine, n-Nitrosodiphenylamine(as diphenylamine), Pentachlorophenol, Phenanthrene and Pyridine.

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-510363 and analytical batch 570-511619 recovered outside control limits for the following analyte(s): Pyridine. Pyridine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512012 recovered above the upper control limit for Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB29-5.0 (570-209746-20), SB29-15.0 (570-209746-21), (CCVIS 570-512012/2) and (570-209623-F-5-D).

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512028 recovered above the upper control limit for Benzo[a]pyrene, Di-n-octyl phthalate and Fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 570-512028/2).

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512234 recovered above the upper control limit for 2,4-Dichlorophenol, Hexachloro-1,3-butadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 570-512234/2).

Method 8270C: Surrogate recovery for the following samples were outside control limits: SB35-2.0 (570-209746-10), SB33-1.5 (570-209746-13) and SB31-2.0 (570-209746-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-510949 and analytical batch 570-512234 recovered outside control limits for the following analyte(s): Benzidine. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-510949 and analytical batch 570-512234 exceeded control limits for the following analyte(s): Benzidine, Note that this analyte is a known poor performer when analyzed using this method.

Method 8270C: The following samples were diluted due to the nature of the sample matrix: SB35-2.0 (570-209746-10), SB33-1.5 (570-209746-13), SB31-2.0 (570-209746-16) and SB29-2.0 (570-209746-19). Elevated reporting limits (RLs) are provided.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-510949 and analytical batch 570-512234 recovered outside control limits for the following analytes: Benzidine.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512124. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following samples were outside control limits: SB33-1.5 (570-209746-13) and SB31-6.0 (570-209746-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512317. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB29-2.0 (570-209746-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512651. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide

precision data for this batch.

Method 8015B_GRO: The result for Gasoline Range Organics (C4-C13) and Gasoline Range Organics (C4-C12) was above the upper calibration range and is reported as an Estimated ("E") value in sample: SB31-2.0 (570-209746-16) This was due to sample did not receive methanol vial and is the best analytical result achievable.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB35-2.0 (570-209746-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-511106. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_DRO: Surrogate recovery for the following sample was outside control limits: SB33-1.5 (570-209746-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Client Sample ID: SB46-2.0
Lab Sample ID: 570-209746-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0057	J	0.022	0.0049	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.051		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.0088	J	0.022	0.0075	mg/Kg	1	☼	8260B	Total/NA
C23-C40	12		5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.56		3.26	2.11	mg/Kg	2	☼	6010B	Total/NA
Barium	71.7		2.17	0.321	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.456		0.435	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	11.7		1.09	0.577	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.74		2.17	0.463	mg/Kg	2	☼	6010B	Total/NA
Copper	9.54		2.17	0.618	mg/Kg	2	☼	6010B	Total/NA
Lead	4.15		2.17	1.44	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.35		2.17	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	24.3		4.35	0.952	mg/Kg	2	☼	6010B	Total/NA
Zinc	28.2		4.35	1.77	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB46-5.0
Lab Sample ID: 570-209746-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.56		3.57	2.31	mg/Kg	2	☼	6010B	Total/NA
Barium	107		2.38	0.351	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.689		0.475	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.7		1.19	0.631	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.54		2.38	0.506	mg/Kg	2	☼	6010B	Total/NA
Copper	10.5		2.38	0.676	mg/Kg	2	☼	6010B	Total/NA
Lead	7.58		2.38	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.2		2.38	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	36.3		4.75	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	41.2		4.75	1.94	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0305	J	0.103	0.0284	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB46-15.0
Lab Sample ID: 570-209746-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017	J	0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00033	J	0.0011	0.00029	mg/Kg	1	☼	8260B	Total/NA
Arsenic	3.46		3.37	2.18	mg/Kg	2	☼	6010B	Total/NA
Barium	95.5		2.25	0.331	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.674		0.449	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	23.9		1.12	0.597	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.74		2.25	0.479	mg/Kg	2	☼	6010B	Total/NA
Copper	15.4		2.25	0.639	mg/Kg	2	☼	6010B	Total/NA
Lead	7.10		2.25	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.0		2.25	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.9		4.49	0.984	mg/Kg	2	☼	6010B	Total/NA
Zinc	57.3		4.49	1.83	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB47-2.0
Lab Sample ID: 570-209746-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00044	J	0.0011	0.00028	mg/Kg	1	☼	8260B	Total/NA
C13-C22	12		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
C23-C40	86		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB47-2.0 (Continued) — Lab Sample ID: 570-209746-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.35		3.20	2.07	mg/Kg	2	☼	6010B	Total/NA
Barium	86.9		2.13	0.315	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.469		0.427	0.100	mg/Kg	2	☼	6010B	Total/NA
Chromium	19.0		1.07	0.566	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.12		2.13	0.454	mg/Kg	2	☼	6010B	Total/NA
Copper	13.2		2.13	0.607	mg/Kg	2	☼	6010B	Total/NA
Lead	6.40		2.13	1.41	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.4		2.13	1.21	mg/Kg	2	☼	6010B	Total/NA
Vanadium	34.4		4.27	0.934	mg/Kg	2	☼	6010B	Total/NA
Zinc	116		4.27	1.74	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB47-5.0 — Lab Sample ID: 570-209746-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.95		3.14	2.03	mg/Kg	2	☼	6010B	Total/NA
Barium	55.8		2.10	0.309	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.817		0.419	0.0985	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.2		1.05	0.556	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.2		2.10	0.446	mg/Kg	2	☼	6010B	Total/NA
Copper	11.8		2.10	0.596	mg/Kg	2	☼	6010B	Total/NA
Lead	7.92		2.10	1.39	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.4		2.10	1.19	mg/Kg	2	☼	6010B	Total/NA
Vanadium	40.0		4.19	0.918	mg/Kg	2	☼	6010B	Total/NA
Zinc	43.3		4.19	1.71	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0306	J	0.0969	0.0267	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB47-15.0 — Lab Sample ID: 570-209746-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.00062	J	0.0024	0.00047	mg/Kg	1	☼	8260B	Total/NA
Arsenic	4.91		3.51	2.27	mg/Kg	2	☼	6010B	Total/NA
Barium	95.7		2.34	0.345	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.678		0.468	0.110	mg/Kg	2	☼	6010B	Total/NA
Chromium	23.5		1.17	0.621	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.54		2.34	0.498	mg/Kg	2	☼	6010B	Total/NA
Copper	16.1		2.34	0.665	mg/Kg	2	☼	6010B	Total/NA
Lead	6.85		2.34	1.55	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.7		2.34	1.33	mg/Kg	2	☼	6010B	Total/NA
Vanadium	45.2		4.68	1.02	mg/Kg	2	☼	6010B	Total/NA
Zinc	60.7		4.68	1.91	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB37-2.0 — Lab Sample ID: 570-209746-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
tert-Butyl alcohol (TBA)	0.0099	J	0.019	0.0068	mg/Kg	1	☼	8260B	Total/NA
C23-C40	18		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.31		3.42	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	93.8		2.28	0.337	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.525		0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.0		1.14	0.606	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.33		2.28	0.486	mg/Kg	2	☼	6010B	Total/NA
Copper	14.4		2.28	0.649	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB37-2.0 (Continued)
Lab Sample ID: 570-209746-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.18		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.4		2.28	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.8		4.56	1.00	mg/Kg	2	☼	6010B	Total/NA
Zinc	53.9		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.112		0.0901	0.0249	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB37-5.0
Lab Sample ID: 570-209746-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.14		3.30	2.13	mg/Kg	2	☼	6010B	Total/NA
Barium	42.3		2.20	0.324	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.814		0.440	0.103	mg/Kg	2	☼	6010B	Total/NA
Chromium	24.7		1.10	0.584	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.54		2.20	0.469	mg/Kg	2	☼	6010B	Total/NA
Copper	11.8		2.20	0.626	mg/Kg	2	☼	6010B	Total/NA
Lead	6.80		2.20	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.1		2.20	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.9		4.40	0.964	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.4		4.40	1.80	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB37-15.0
Lab Sample ID: 570-209746-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00076	J	0.00098	0.00025	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00033	J	0.00098	0.00026	mg/Kg	1	☼	8260B	Total/NA
Arsenic	3.12	J	3.55	2.30	mg/Kg	2	☼	6010B	Total/NA
Barium	121		2.37	0.349	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.805		0.473	0.111	mg/Kg	2	☼	6010B	Total/NA
Chromium	25.8		1.18	0.628	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.0		2.37	0.504	mg/Kg	2	☼	6010B	Total/NA
Copper	21.7		2.37	0.673	mg/Kg	2	☼	6010B	Total/NA
Lead	8.90		2.37	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.5		2.37	1.34	mg/Kg	2	☼	6010B	Total/NA
Vanadium	48.6		4.73	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	78.4		4.73	1.93	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB35-2.0
Lab Sample ID: 570-209746-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.28		0.10	0.014	mg/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.25		0.10	0.014	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.044	J	0.051	0.013	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	2.1		0.051	0.010	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	2.0		0.051	0.014	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	5.3		0.51	0.20	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	2.5		0.051	0.011	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	3.6		0.10	0.013	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.27		0.051	0.013	mg/Kg	50	☼	8260B	Total/NA
m,p-Xylene	0.10		0.10	0.024	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.56		0.051	0.014	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	2.3		0.051	0.014	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.036	J	0.051	0.014	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB35-2.0 (Continued)
Lab Sample ID: 570-209746-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.37		0.10	0.031	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	3.5		0.54	0.29	mg/Kg	25	☼	8270C SIM	Total/NA
2-Methylnaphthalene	3.7		0.54	0.28	mg/Kg	25	☼	8270C SIM	Total/NA
Chrysene	0.28	J	0.54	0.18	mg/Kg	25	☼	8270C SIM	Total/NA
Naphthalene	1.5		0.54	0.24	mg/Kg	25	☼	8270C SIM	Total/NA
Pyrene	0.35	J	0.54	0.23	mg/Kg	25	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	1300		51	22	mg/Kg	500	☼	8015B	Total/NA
C13-C22	2700		54	49	mg/Kg	10	☼	8015B	Total/NA
C23-C40	4500		54	49	mg/Kg	10	☼	8015B	Total/NA
Arsenic	5.94		3.16	2.04	mg/Kg	2	☼	6010B	Total/NA
Barium	101		2.11	0.311	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.400	J	0.421	0.0990	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.9		1.05	0.559	mg/Kg	2	☼	6010B	Total/NA
Cobalt	6.09		2.11	0.449	mg/Kg	2	☼	6010B	Total/NA
Copper	13.9		2.11	0.599	mg/Kg	2	☼	6010B	Total/NA
Lead	7.42		2.11	1.39	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.5		2.11	1.20	mg/Kg	2	☼	6010B	Total/NA
Vanadium	32.5		4.21	0.923	mg/Kg	2	☼	6010B	Total/NA
Zinc	56.6		4.21	1.72	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB35-5.0
Lab Sample ID: 570-209746-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.0032		0.0019	0.00038	mg/Kg	1	☼	8260B	Total/NA
Arsenic	6.03		3.36	2.17	mg/Kg	2	☼	6010B	Total/NA
Barium	105		2.24	0.331	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.739		0.448	0.105	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.2		1.12	0.595	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.83		2.24	0.477	mg/Kg	2	☼	6010B	Total/NA
Copper	14.1		2.24	0.637	mg/Kg	2	☼	6010B	Total/NA
Lead	7.15		2.24	1.48	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.2		2.24	1.27	mg/Kg	2	☼	6010B	Total/NA
Vanadium	41.9		4.48	0.981	mg/Kg	2	☼	6010B	Total/NA
Zinc	49.4		4.48	1.83	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0455	J	0.0898	0.0248	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB35-15.0
Lab Sample ID: 570-209746-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023	J	0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
Arsenic	8.41		3.32	2.15	mg/Kg	2	☼	6010B	Total/NA
Barium	103		2.21	0.326	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.620		0.443	0.104	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.199	J	0.443	0.169	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.0		1.11	0.588	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.92		2.21	0.471	mg/Kg	2	☼	6010B	Total/NA
Copper	16.1		2.21	0.630	mg/Kg	2	☼	6010B	Total/NA
Lead	7.33		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.0		2.21	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	39.3		4.43	0.969	mg/Kg	2	☼	6010B	Total/NA
Zinc	52.2		4.43	1.81	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB33-1.5
Lab Sample ID: 570-209746-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloroethane	0.031		0.0011	0.00051	mg/Kg	1	☼	8260B	Total/NA
1,2,4-Trimethylbenzene	0.071		0.0022	0.00031	mg/Kg	1	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.024		0.0022	0.00030	mg/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	0.015	J	0.022	0.0050	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.098		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.029		0.0011	0.00028	mg/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	0.0040		0.0011	0.00037	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00092	J	0.011	0.00044	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.046		0.0011	0.00023	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.016		0.0011	0.00031	mg/Kg	1	☼	8260B	Total/NA
Naphthalene	0.028		0.011	0.0043	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.011		0.0011	0.00023	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.021		0.0022	0.00029	mg/Kg	1	☼	8260B	Total/NA
o-Xylene	0.067		0.0011	0.00028	mg/Kg	1	☼	8260B	Total/NA
m,p-Xylene	0.051		0.0022	0.00052	mg/Kg	1	☼	8260B	Total/NA
p-Isopropyltoluene	0.012		0.0011	0.00031	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.0064		0.0011	0.00030	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.023		0.0011	0.00030	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0052		0.0022	0.00043	mg/Kg	1	☼	8260B	Total/NA
Vinyl chloride	0.00046	J	0.0011	0.00042	mg/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.12		0.0022	0.00066	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	3.5		0.52	0.28	mg/Kg	25	☼	8270C SIM	Total/NA
2-Methylnaphthalene	3.7		0.52	0.27	mg/Kg	25	☼	8270C SIM	Total/NA
Acenaphthene	0.70		0.52	0.34	mg/Kg	25	☼	8270C SIM	Total/NA
Chrysene	0.56		0.52	0.17	mg/Kg	25	☼	8270C SIM	Total/NA
Fluoranthene	0.36	J	0.52	0.21	mg/Kg	25	☼	8270C SIM	Total/NA
Naphthalene	2.5		0.52	0.23	mg/Kg	25	☼	8270C SIM	Total/NA
Phenanthrene	1.8		0.52	0.39	mg/Kg	25	☼	8270C SIM	Total/NA
Pyrene	0.62		0.52	0.23	mg/Kg	25	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	9.0		0.10	0.046	mg/Kg	1	☼	8015B	Total/NA
C13-C22	9000		260	240	mg/Kg	50	☼	8015B	Total/NA
C23-C40	14000		260	240	mg/Kg	50	☼	8015B	Total/NA
Arsenic	12.5		3.15	2.03	mg/Kg	2	☼	6010B	Total/NA
Barium	233		2.10	0.309	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.273	J	0.419	0.0985	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.210	J	0.419	0.160	mg/Kg	2	☼	6010B	Total/NA
Chromium	12.0		1.05	0.557	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.78		2.10	0.447	mg/Kg	2	☼	6010B	Total/NA
Copper	30.9		2.10	0.597	mg/Kg	2	☼	6010B	Total/NA
Lead	9.10		2.10	1.39	mg/Kg	2	☼	6010B	Total/NA
Nickel	22.8		2.10	1.19	mg/Kg	2	☼	6010B	Total/NA
Vanadium	24.0		4.19	0.918	mg/Kg	2	☼	6010B	Total/NA
Zinc	119		4.19	1.71	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0488	J	0.0884	0.0244	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB33-5.0
Lab Sample ID: 570-209746-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.020	0.0096	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00040	J	0.0098	0.00039	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0089		0.0020	0.00038	mg/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB33-5.0 (Continued)
Lab Sample ID: 570-209746-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.046	J	0.094	0.042	mg/Kg	1	☼	8015B	Total/NA
C23-C40	12		5.5	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.99		3.42	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	105		2.28	0.336	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.662		0.456	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.2		1.14	0.606	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.92		2.28	0.486	mg/Kg	2	☼	6010B	Total/NA
Copper	11.8		2.28	0.649	mg/Kg	2	☼	6010B	Total/NA
Lead	6.14		2.28	1.51	mg/Kg	2	☼	6010B	Total/NA
Nickel	13.6		2.28	1.30	mg/Kg	2	☼	6010B	Total/NA
Vanadium	41.4		4.56	0.999	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.8		4.56	1.86	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0334	J	0.0983	0.0271	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB33-15.0
Lab Sample ID: 570-209746-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021	J	0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00042	J	0.0011	0.00028	mg/Kg	1	☼	8260B	Total/NA
Bromoform	0.0017	J	0.0054	0.0014	mg/Kg	1	☼	8260B	Total/NA
C23-C40	5.4	J	5.7	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.33	J	3.57	2.31	mg/Kg	2	☼	6010B	Total/NA
Barium	82.9		2.38	0.351	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.642		0.476	0.112	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.3		1.19	0.631	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.70		2.38	0.506	mg/Kg	2	☼	6010B	Total/NA
Copper	16.1		2.38	0.676	mg/Kg	2	☼	6010B	Total/NA
Lead	6.71		2.38	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.6		2.38	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	43.9		4.76	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	60.6		4.76	1.94	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB31-2.0
Lab Sample ID: 570-209746-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	8.2		0.55	0.30	mg/Kg	25	☼	8270C SIM	Total/NA
2-Methylnaphthalene	12		0.55	0.29	mg/Kg	25	☼	8270C SIM	Total/NA
Acenaphthene	0.48	J	0.55	0.36	mg/Kg	25	☼	8270C SIM	Total/NA
Chrysene	0.20	J	0.55	0.18	mg/Kg	25	☼	8270C SIM	Total/NA
Fluorene	0.45	J	0.55	0.27	mg/Kg	25	☼	8270C SIM	Total/NA
Naphthalene	4.3		0.55	0.25	mg/Kg	25	☼	8270C SIM	Total/NA
Phenanthrene	1.2		0.55	0.41	mg/Kg	25	☼	8270C SIM	Total/NA
Pyrene	0.25	J	0.55	0.24	mg/Kg	25	☼	8270C SIM	Total/NA
1-Methylnaphthalene	6.7	J	27	5.7	mg/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	8.5	J	27	5.5	mg/Kg	50	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	10	E	0.094	0.042	mg/Kg	1	☼	8015B	Total/NA
C13-C22	4400		54	49	mg/Kg	10	☼	8015B	Total/NA
C23-C40	5900		54	49	mg/Kg	10	☼	8015B	Total/NA
Arsenic	8.02		3.27	2.12	mg/Kg	2	☼	6010B	Total/NA
Barium	112		2.18	0.322	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.414	J	0.436	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.2		1.09	0.579	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB31-2.0 (Continued)
Lab Sample ID: 570-209746-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.48		2.18	0.464	mg/Kg	2	☼	6010B	Total/NA
Copper	13.0		2.18	0.620	mg/Kg	2	☼	6010B	Total/NA
Lead	9.27		2.18	1.44	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.1		2.18	1.24	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.6		4.36	0.955	mg/Kg	2	☼	6010B	Total/NA
Zinc	48.3		4.36	1.78	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB31-6.0
Lab Sample ID: 570-209746-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.022	0.011	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00065	J	0.0011	0.00029	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.0025		0.0011	0.00023	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.0042		0.0011	0.00031	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.0051		0.0022	0.00029	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.0059		0.0011	0.00031	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	4.5		0.11	0.050	mg/Kg	1	☼	8015B	Total/NA
C13-C22	110		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
C23-C40	150		5.6	5.2	mg/Kg	1	☼	8015B	Total/NA
Arsenic	6.08		3.18	2.06	mg/Kg	2	☼	6010B	Total/NA
Barium	111		2.12	0.313	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.996		0.424	0.0996	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.7		1.06	0.563	mg/Kg	2	☼	6010B	Total/NA
Cobalt	22.5		2.12	0.452	mg/Kg	2	☼	6010B	Total/NA
Copper	14.2		2.12	0.603	mg/Kg	2	☼	6010B	Total/NA
Lead	10.3		2.12	1.40	mg/Kg	2	☼	6010B	Total/NA
Nickel	21.8		2.12	1.20	mg/Kg	2	☼	6010B	Total/NA
Vanadium	44.8		4.24	0.929	mg/Kg	2	☼	6010B	Total/NA
Zinc	58.0		4.24	1.73	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB31-15.0
Lab Sample ID: 570-209746-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.020	0.010	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00031	J	0.0010	0.00026	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.010	J	0.020	0.0072	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0021		0.0020	0.00040	mg/Kg	1	☼	8260B	Total/NA
Arsenic	5.67		3.56	2.30	mg/Kg	2	☼	6010B	Total/NA
Barium	93.7		2.37	0.350	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.735		0.474	0.111	mg/Kg	2	☼	6010B	Total/NA
Chromium	23.4		1.19	0.629	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.6		2.37	0.505	mg/Kg	2	☼	6010B	Total/NA
Copper	17.2		2.37	0.674	mg/Kg	2	☼	6010B	Total/NA
Lead	8.34		2.37	1.57	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.9		2.37	1.35	mg/Kg	2	☼	6010B	Total/NA
Vanadium	45.7		4.74	1.04	mg/Kg	2	☼	6010B	Total/NA
Zinc	68.4		4.74	1.93	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB29-2.0
Lab Sample ID: 570-209746-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.64		0.094	0.013	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB29-2.0 (Continued)
Lab Sample ID: 570-209746-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.23		0.094	0.013	mg/Kg	50	☼	8260B	Total/NA
Benzene	0.023	J	0.047	0.012	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.14		0.047	0.0097	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.11		0.047	0.013	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	0.40	J	0.47	0.18	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.21		0.047	0.0099	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.18		0.094	0.012	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.28		0.047	0.012	mg/Kg	50	☼	8260B	Total/NA
m,p-Xylene	0.25		0.094	0.022	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.28		0.047	0.013	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.12		0.047	0.013	mg/Kg	50	☼	8260B	Total/NA
Toluene	0.058		0.047	0.013	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.53		0.094	0.028	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	7.8		0.53	0.29	mg/Kg	25	☼	8270C SIM	Total/NA
2-Methylnaphthalene	12		0.53	0.28	mg/Kg	25	☼	8270C SIM	Total/NA
Acenaphthene	0.65		0.53	0.35	mg/Kg	25	☼	8270C SIM	Total/NA
Chrysene	0.23	J	0.53	0.17	mg/Kg	25	☼	8270C SIM	Total/NA
Fluorene	0.54		0.53	0.26	mg/Kg	25	☼	8270C SIM	Total/NA
Naphthalene	2.7		0.53	0.24	mg/Kg	25	☼	8270C SIM	Total/NA
Phenanthrene	1.1		0.53	0.40	mg/Kg	25	☼	8270C SIM	Total/NA
Pyrene	0.31	J	0.53	0.23	mg/Kg	25	☼	8270C SIM	Total/NA
2-Methylnaphthalene	3.5	J	13	2.7	mg/Kg	25	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	120		4.7	2.1	mg/Kg	50	☼	8015B	Total/NA
C13-C22	3900		52	47	mg/Kg	10	☼	8015B	Total/NA
C23-C40	5000		52	47	mg/Kg	10	☼	8015B	Total/NA
Arsenic	4.59		2.98	1.93	mg/Kg	2	☼	6010B	Total/NA
Barium	83.2		1.99	0.293	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.358	J	0.398	0.0934	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.4		0.994	0.528	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.61		1.99	0.423	mg/Kg	2	☼	6010B	Total/NA
Copper	14.8		1.99	0.566	mg/Kg	2	☼	6010B	Total/NA
Lead	8.15		1.99	1.31	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.3		1.99	1.13	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.4		3.98	0.871	mg/Kg	2	☼	6010B	Total/NA
Zinc	40.9		3.98	1.62	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB29-5.0
Lab Sample ID: 570-209746-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021		0.017	0.0086	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.00037	J	0.0087	0.00035	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.054	J	0.095	0.042	mg/Kg	1	☼	8015B	Total/NA
C23-C40	5.7		5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.84		3.13	2.02	mg/Kg	2	☼	6010B	Total/NA
Barium	88.9		2.09	0.308	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.563		0.417	0.0980	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.1		1.04	0.554	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.03		2.09	0.444	mg/Kg	2	☼	6010B	Total/NA
Copper	13.3		2.09	0.593	mg/Kg	2	☼	6010B	Total/NA
Lead	5.28		2.09	1.38	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.5		2.09	1.18	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB29-5.0 (Continued)
Lab Sample ID: 570-209746-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	38.8		4.17	0.913	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.2		4.17	1.70	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB29-15.0
Lab Sample ID: 570-209746-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00028	J	0.0011	0.00027	mg/Kg	1	☼	8260B	Total/NA
Bromoform	0.0033	J	0.0053	0.0014	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.010	J	0.021	0.0074	mg/Kg	1	☼	8260B	Total/NA
Arsenic	8.63		3.71	2.40	mg/Kg	2	☼	6010B	Total/NA
Barium	88.6		2.47	0.365	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.865		0.495	0.116	mg/Kg	2	☼	6010B	Total/NA
Chromium	24.5		1.24	0.657	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.4		2.47	0.527	mg/Kg	2	☼	6010B	Total/NA
Copper	25.7		2.47	0.704	mg/Kg	2	☼	6010B	Total/NA
Lead	9.22		2.47	1.64	mg/Kg	2	☼	6010B	Total/NA
Nickel	22.3		2.47	1.40	mg/Kg	2	☼	6010B	Total/NA
Vanadium	57.2		4.95	1.08	mg/Kg	2	☼	6010B	Total/NA
Zinc	78.4		4.95	2.02	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0726	J	0.0951	0.0262	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: EB_20241205
Lab Sample ID: 570-209746-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.6	J	10	7.4	ug/L	1		8260B	Total/NA

Client Sample ID: TB_20241205
Lab Sample ID: 570-209746-23

No Detections.

This Detection Summary does not include radiochemical test results.

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1,2-Trichloroethane	ND		0.0011	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2,3-Trichloropropane	ND		0.0022	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
2,2-Dichloropropane	ND		0.0054	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
2-Butanone (MEK)	**0.0057**	**J**	0.022	0.0049	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
2-Hexanone	ND		0.022	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Acetone	**0.051**		0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Benzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Bromoform	ND		0.0054	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Bromomethane	ND		0.022	0.0071	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
cis-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Carbon disulfide	ND		0.011	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Chloroethane	ND		0.0022	0.00080	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Dibromochloromethane	ND		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Ethanol	ND		0.27	0.099	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Naphthalene	ND		0.011	0.0042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
m,p-Xylene	ND		0.0022	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
p-Isopropyltoluene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Styrene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
trans-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
tert-Butyl alcohol (TBA)	**0.0088**	**J**	0.022	0.0075	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Vinyl acetate	ND		0.011	0.0042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/06/24 10:51	12/06/24 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/06/24 10:51*	*12/06/24 13:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:03*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 13:03*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:03*	*1*

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1,2-Trichloroethane	ND		0.0010	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1-Dichloroethene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2-Dibromoethane	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Acetone	ND		0.021	0.010	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Bromodichloromethane	ND		0.0010	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
cis-1,3-Dichloropropene	ND		0.0010	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Carbon disulfide	ND		0.010	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Chloroform	ND		0.0010	0.00062	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Ethanol	ND		0.26	0.096	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Ethylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Isopropylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Methylene Chloride	ND		0.010	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Naphthalene	ND		0.010	0.0041	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
o-Xylene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
p-Isopropyltoluene	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
sec-Butylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
tert-Butylbenzene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Trichlorofluoromethane	ND		0.010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Vinyl chloride	ND		0.0010	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/06/24 10:51	12/06/24 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/06/24 10:51*	*12/06/24 13:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:23*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 13:23*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:23*	*1*

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
2-Butanone (MEK)	ND		0.022	0.0050	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
2-Hexanone	ND		0.022	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Acetone	**0.017**	**J**	0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Benzene	**0.00033**	**J**	0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Bromodichloromethane	ND		0.0011	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Bromomethane	ND		0.022	0.0073	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Chloroethane	ND		0.0022	0.00083	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Isopropylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
N-Propylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
sec-Butylbenzene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Styrene	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1
Xylenes, Total	ND		0.0022	0.00067	mg/Kg	☼	12/06/24 10:51	12/06/24 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/06/24 10:51*	*12/06/24 13:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:43*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 13:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 13:43*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
2-Butanone (MEK)	ND		0.022	0.0049	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
2-Hexanone	ND		0.022	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Acetone	ND		0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Benzene	**0.00044**	**J**	0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Bromoform	ND		0.0055	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Bromomethane	ND		0.022	0.0072	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Chloroethane	ND		0.0022	0.00081	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Ethanol	ND		0.27	0.10	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Ethylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Naphthalene	ND		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
m,p-Xylene	ND		0.0022	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Styrene	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/06/24 10:51	12/06/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:03*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:03*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:03*	*1*

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Acetone	ND		0.020	0.0099	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Chloroethane	ND		0.0020	0.00075	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Ethanol	ND		0.25	0.093	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Naphthalene	ND		0.010	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/06/24 10:51	12/06/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:23*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:23*	*1*

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1,2-Trichloroethane	ND		0.0012	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
2,2-Dichloropropane	ND		0.0061	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
2-Butanone (MEK)	ND		0.024	0.0055	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Acetone	ND		0.024	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0061	0.0016	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Bromomethane	ND		0.024	0.0080	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Chloroethane	ND		0.0024	0.00090	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Chloroform	ND		0.0012	0.00071	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00061	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Naphthalene	ND		0.012	0.0048	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0085	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Trichloroethene	**0.00062**	**J**	0.0024	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1
Xylenes, Total	ND		0.0024	0.00073	mg/Kg	☼	12/06/24 10:51	12/06/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:43*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:43*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,3-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
2,2-Dichloropropane	ND		0.0048	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
2-Butanone (MEK)	ND		0.019	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
2-Chlorotoluene	ND		0.00097	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
2-Hexanone	ND		0.019	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Acetone	ND		0.019	0.0095	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Benzene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Bromodichloromethane	ND		0.00097	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Bromoform	ND		0.0048	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Bromomethane	ND		0.019	0.0064	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
cis-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
cis-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Chloroethane	ND		0.0019	0.00072	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Chloroform	ND		0.00097	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Chloromethane	ND		0.019	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Dibromomethane	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Ethanol	ND		0.24	0.089	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Ethylbenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Naphthalene	ND		0.0097	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
N-Propylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
o-Xylene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
p-Isopropyltoluene	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
sec-Butylbenzene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Styrene	ND		0.00097	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
trans-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
trans-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
tert-Butyl alcohol (TBA)	**0.0099**	**J**	0.019	0.0068	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Toluene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Trichlorofluoromethane	ND		0.0097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Vinyl chloride	ND		0.00097	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1
Xylenes, Total	ND		0.0019	0.00058	mg/Kg	☼	12/06/24 10:51	12/06/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/06/24 10:51*	*12/06/24 15:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:03*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*	*12/06/24 10:51*	*12/06/24 15:03*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:03*	*1*

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2-Dichlorobenzene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
1,4-Dichlorobenzene	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
2-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
4-Chlorotoluene	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Acetone	ND		0.021	0.010	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Benzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Bromodichloromethane	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Bromoform	ND		0.0053	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
cis-1,2-Dichloroethene	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
cis-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Carbon tetrachloride	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Chloroform	ND		0.0011	0.00062	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Ethanol	ND		0.26	0.097	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Isopropylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Naphthalene	ND		0.011	0.0041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
o-Xylene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
p-Isopropyltoluene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
sec-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Styrene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
trans-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Toluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Vinyl acetate	ND		0.011	0.0041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/06/24 10:51	12/06/24 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*32 - 179*	*12/06/24 10:51*	*12/06/24 15:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:22*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/06/24 10:51*	*12/06/24 15:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:22*	*1*

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1,1-Trichloroethane	ND		0.00098	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0098	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1,2-Trichloroethane	ND		0.00098	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1-Dichloroethene	ND		0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2-Dibromo-3-Chloropropane	ND		0.0098	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2-Dibromoethane	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,2-Dichloropropane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,3-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,3-Dichloropropane	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
1,4-Dichlorobenzene	ND		0.00098	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
2-Butanone (MEK)	ND		0.020	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
2-Chlorotoluene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
2-Hexanone	ND		0.020	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
4-Chlorotoluene	ND		0.00098	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Acetone	ND		0.020	0.0096	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Benzene	**0.00076**	**J**	0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Bromobenzene	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Bromodichloromethane	ND		0.00098	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
cis-1,2-Dichloroethene	ND		0.00098	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
cis-1,3-Dichloropropene	ND		0.00098	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Carbon disulfide	ND		0.0098	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Carbon tetrachloride	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Chlorobenzene	ND		0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Chloroethane	ND		0.0020	0.00073	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Chloroform	ND		0.00098	0.00058	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Dibromomethane	ND		0.00098	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Di-isopropyl ether (DIPE)	ND		0.00098	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Ethanol	ND		0.25	0.090	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Ethylbenzene	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.00098	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Isopropylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Methylene Chloride	ND		0.0098	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Naphthalene	ND		0.0098	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
n-Butylbenzene	ND		0.00098	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
o-Xylene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
m,p-Xylene	ND		0.0020	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
p-Isopropyltoluene	ND		0.00098	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
sec-Butylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Styrene	ND		0.00098	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
trans-1,2-Dichloroethene	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
trans-1,3-Dichloropropene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Tert-amyl-methyl ether (TAME)	ND		0.00098	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
tert-Butylbenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Tetrachloroethene	ND		0.00098	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Toluene	**0.00033**	**J**	0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Trichlorofluoromethane	ND		0.0098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Vinyl acetate	ND		0.0098	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Vinyl chloride	ND		0.00098	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1
Xylenes, Total	ND		0.0020	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/06/24 10:51*	*12/06/24 15:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:42*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/06/24 10:51*	*12/06/24 15:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:42*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.051	0.015	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1,1-Trichloroethane	ND		0.051	0.012	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.028	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.51	0.024	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1,2-Trichloroethane	ND		0.051	0.024	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1-Dichloroethane	ND		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1-Dichloroethene	ND		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,1-Dichloropropene	ND		0.10	0.020	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2,4-Trimethylbenzene	**0.28**		0.10	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2-Dibromo-3-Chloropropane	ND		0.51	0.17	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2-Dibromoethane	ND		0.051	0.010	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2-Dichlorobenzene	ND		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2-Dichloroethane	ND		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,2-Dichloropropane	ND		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,3,5-Trimethylbenzene	**0.25**		0.10	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,3-Dichlorobenzene	ND		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,3-Dichloropropane	ND		0.051	0.015	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
1,4-Dichlorobenzene	ND		0.051	0.016	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
2-Chlorotoluene	ND		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
2-Hexanone	ND		1.0	0.16	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
4-Chlorotoluene	ND		0.051	0.012	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Acetone	ND		1.0	0.50	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Benzene	**0.044**	**J**	0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Bromobenzene	ND		0.051	0.011	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Bromochloromethane	ND		0.10	0.023	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Bromodichloromethane	ND		0.051	0.017	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Bromoform	ND		0.25	0.067	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Bromomethane	ND		1.0	0.33	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
cis-1,2-Dichloroethene	ND		0.051	0.017	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
cis-1,3-Dichloropropene	ND		0.051	0.018	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Carbon disulfide	ND		0.51	0.020	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Carbon tetrachloride	ND		0.051	0.015	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Chlorobenzene	ND		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Chloroethane	ND		0.10	0.038	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Chloroform	ND		0.051	0.030	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Chloromethane	ND		1.0	0.078	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Dibromomethane	ND		0.051	0.016	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Di-isopropyl ether (DIPE)	ND		0.051	0.025	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Ethanol	ND		13	4.7	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Ethylbenzene	**2.1**		0.051	0.010	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Ethyl-t-butyl ether (ETBE)	ND		0.051	0.012	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**2.0**		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Methylene Chloride	ND		0.51	0.16	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0095	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Naphthalene	**5.3**		0.51	0.20	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
n-Butylbenzene	**2.5**		0.051	0.011	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
N-Propylbenzene	**3.6**		0.10	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
o-Xylene	**0.27**		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
m,p-Xylene	**0.10**		0.10	0.024	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
p-Isopropyltoluene	**0.56**		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
sec-Butylbenzene	**2.3**		0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Styrene	ND		0.051	0.016	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
trans-1,2-Dichloroethene	ND		0.051	0.015	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Tert-amyl-methyl ether (TAME)	ND		0.051	0.0099	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
tert-Butyl alcohol (TBA)	ND		1.0	0.36	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
tert-Butylbenzene	ND		0.051	0.013	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Tetrachloroethene	ND		0.051	0.011	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Toluene	**0.036**	**J**	0.051	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Trichloroethene	ND		0.10	0.020	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Trichlorofluoromethane	ND		0.51	0.014	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Vinyl acetate	ND	*+	0.51	0.20	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Vinyl chloride	ND		0.051	0.019	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50
Xylenes, Total	**0.37**		0.10	0.031	mg/Kg	☼	12/06/24 10:51	12/09/24 13:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*	*12/06/24 10:51*	*12/09/24 13:12*	*50*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*	*12/06/24 10:51*	*12/09/24 13:12*	*50*
Dibromofluoromethane (Surr)	*91*		*58 - 147*	*12/06/24 10:51*	*12/09/24 13:12*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/06/24 10:51*	*12/09/24 13:12*	*50*

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00097	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1,1-Trichloroethane	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0097	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1,2-Trichloroethane	ND		0.00097	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1-Dichloroethane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1-Dichloroethene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,1-Dichloropropene	ND		0.0019	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2,3-Trichloropropane	ND		0.0019	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2-Dibromo-3-Chloropropane	ND		0.0097	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2-Dibromoethane	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2-Dichlorobenzene	ND		0.00097	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,2-Dichloroethane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,3-Dichlorobenzene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,3-Dichloropropane	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
1,4-Dichlorobenzene	ND		0.00097	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
2,2-Dichloropropane	ND		0.0049	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
2-Butanone (MEK)	ND		0.019	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
2-Chlorotoluene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
2-Hexanone	ND		0.019	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
4-Chlorotoluene	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0028	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Acetone	ND		0.019	0.0096	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Benzene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Bromobenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Bromochloromethane	ND		0.0019	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Bromodichloromethane	ND		0.00097	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Bromomethane	ND		0.019	0.0064	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
cis-1,2-Dichloroethene	ND		0.00097	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
cis-1,3-Dichloropropene	ND		0.00097	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Carbon disulfide	ND		0.0097	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Carbon tetrachloride	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Chlorobenzene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Chloroethane	ND		0.0019	0.00072	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Chloroform	ND		0.00097	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Chloromethane	ND		0.019	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Dibromomethane	ND		0.00097	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Dichlorodifluoromethane	ND		0.0019	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Di-isopropyl ether (DIPE)	ND		0.00097	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Ethanol	ND		0.24	0.090	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Ethylbenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.00097	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Isopropylbenzene	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Methylene Chloride	ND		0.0097	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Naphthalene	ND		0.0097	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
n-Butylbenzene	ND		0.00097	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
N-Propylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
o-Xylene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
m,p-Xylene	ND		0.0019	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
p-Isopropyltoluene	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
sec-Butylbenzene	ND		0.00097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Styrene	ND		0.00097	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
trans-1,2-Dichloroethene	ND		0.00097	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
trans-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Tert-amyl-methyl ether (TAME)	ND		0.00097	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0068	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
tert-Butylbenzene	ND		0.00097	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00097	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Toluene	ND		0.00097	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Trichloroethene	**0.0032**		0.0019	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Trichlorofluoromethane	ND		0.0097	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Vinyl acetate	ND		0.0097	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Vinyl chloride	ND		0.00097	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1
Xylenes, Total	ND		0.0019	0.00058	mg/Kg	☼	12/06/24 10:51	12/06/24 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*	*12/06/24 10:51*	*12/06/24 16:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:22*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/06/24 10:51*	*12/06/24 16:22*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:22*	*1*

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1,1-Trichloroethane	ND		0.0013	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00069	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00058	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1,2-Trichloroethane	ND		0.0013	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1-Dichloroethene	ND		0.0013	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2,3-Trichloropropane	ND		0.0025	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0042	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,2-Dichloropropane	ND		0.0013	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,3-Dichloropropane	ND		0.0013	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
1,4-Dichlorobenzene	ND		0.0013	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
2,2-Dichloropropane	ND		0.0063	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
2-Butanone (MEK)	ND		0.025	0.0057	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
2-Hexanone	ND		0.025	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
4-Chlorotoluene	ND		0.0013	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0037	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Acetone	**0.023**	**J**	0.025	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Benzene	ND		0.0013	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Bromobenzene	ND		0.0013	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Bromochloromethane	ND		0.0025	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Bromodichloromethane	ND		0.0013	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0063	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Bromomethane	ND		0.025	0.0083	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
cis-1,2-Dichloroethene	ND		0.0013	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
cis-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Carbon disulfide	ND		0.013	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Carbon tetrachloride	ND		0.0013	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Chlorobenzene	ND		0.0013	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Chloroethane	ND		0.0025	0.00094	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Chloroform	ND		0.0013	0.00074	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Dibromomethane	ND		0.0013	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00063	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Ethanol	ND		0.32	0.12	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Ethylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Isopropylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Methylene Chloride	ND		0.013	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Naphthalene	ND		0.013	0.0050	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
n-Butylbenzene	ND		0.0013	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
N-Propylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
o-Xylene	ND		0.0013	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
m,p-Xylene	ND		0.0025	0.00060	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
p-Isopropyltoluene	ND		0.0013	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
sec-Butylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Styrene	ND		0.0013	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
trans-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0088	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Toluene	ND		0.0013	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Trichloroethene	ND		0.0025	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Trichlorofluoromethane	ND		0.013	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Vinyl acetate	ND		0.013	0.0049	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Vinyl chloride	ND		0.0013	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1
Xylenes, Total	ND		0.0025	0.00076	mg/Kg	☼	12/06/24 10:51	12/06/24 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/06/24 10:51*	*12/06/24 16:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:42*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/06/24 10:51*	*12/06/24 16:42*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:42*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00060	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1,2-Trichloroethane	**0.031**		0.0011	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2,4-Trimethylbenzene	**0.071**		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,3,5-Trimethylbenzene	**0.024**		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
2,2-Dichloropropane	ND		0.0055	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
2-Butanone (MEK)	**0.015**	**J**	0.022	0.0050	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
2-Hexanone	ND		0.022	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Acetone	**0.098**		0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Benzene	**0.029**		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Bromochloromethane	ND		0.0022	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Bromodichloromethane	ND		0.0011	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Bromoform	ND		0.0055	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Bromomethane	ND		0.022	0.0073	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
cis-1,2-Dichloroethene	**0.0040**		0.0011	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Carbon disulfide	**0.00092**	**J**	0.011	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Chloroethane	ND		0.0022	0.00082	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Chloroform	ND		0.0011	0.00065	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Dichlorodifluoromethane	ND		0.0022	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00055	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Ethylbenzene	**0.046**		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.016**		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Naphthalene	**0.028**		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
n-Butylbenzene	**0.011**		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
N-Propylbenzene	**0.021**		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
o-Xylene	**0.067**		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
m,p-Xylene	**0.051**		0.0022	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
p-Isopropyltoluene	**0.012**		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
sec-Butylbenzene	**0.0064**		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Styrene	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0077	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Toluene	**0.023**		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Trichloroethene	**0.0052**		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Vinyl chloride	**0.00046**	**J**	0.0011	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1
Xylenes, Total	**0.12**		0.0022	0.00066	mg/Kg	☼	12/06/24 10:51	12/06/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/06/24 10:51*	*12/06/24 17:02*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/06/24 10:51*	*12/06/24 17:02*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/06/24 10:51*	*12/06/24 17:02*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*	*12/06/24 10:51*	*12/06/24 17:02*	*1*

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1,1-Trichloroethane	ND		0.00098	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0098	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1,2-Trichloroethane	ND		0.00098	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1-Dichloroethene	ND		0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2-Dibromo-3-Chloropropane	ND		0.0098	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2-Dibromoethane	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,2-Dichloroethane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,3-Dichlorobenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,3-Dichloropropane	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
1,4-Dichlorobenzene	ND		0.00098	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
2-Butanone (MEK)	ND		0.020	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
2-Chlorotoluene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
2-Hexanone	ND		0.020	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
4-Chlorotoluene	ND		0.00098	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Acetone	**0.013**	**J**	0.020	0.0096	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Benzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Bromobenzene	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Bromodichloromethane	ND		0.00098	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Bromomethane	ND		0.020	0.0064	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
cis-1,2-Dichloroethene	ND		0.00098	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
cis-1,3-Dichloropropene	ND		0.00098	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Carbon disulfide	**0.00040**	**J**	0.0098	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Carbon tetrachloride	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Chlorobenzene	ND		0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Chloroethane	ND		0.0020	0.00073	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Chloroform	ND		0.00098	0.00058	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Dibromomethane	ND		0.00098	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Dichlorodifluoromethane	ND		0.0020	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Di-isopropyl ether (DIPE)	ND		0.00098	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Ethanol	ND		0.25	0.090	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Ethylbenzene	ND		0.00098	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Ethyl-t-butyl ether (ETBE)	ND		0.00098	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Isopropylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Methylene Chloride	ND		0.0098	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Naphthalene	ND		0.0098	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
n-Butylbenzene	ND		0.00098	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
N-Propylbenzene	ND		0.0020	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
o-Xylene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
m,p-Xylene	ND		0.0020	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
p-Isopropyltoluene	ND		0.00098	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
sec-Butylbenzene	ND		0.00098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Styrene	ND		0.00098	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
trans-1,2-Dichloroethene	ND		0.00098	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
trans-1,3-Dichloropropene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Tert-amyl-methyl ether (TAME)	ND		0.00098	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
tert-Butylbenzene	ND		0.00098	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00098	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Toluene	ND		0.00098	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Trichloroethene	**0.0089**		0.0020	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Trichlorofluoromethane	ND		0.0098	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Vinyl acetate	ND		0.0098	0.0038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Vinyl chloride	ND		0.00098	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1
Xylenes, Total	ND		0.0020	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:18*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:18*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:18*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:18*	*1*

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00059	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1,2-Trichloroethane	ND		0.0011	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1-Dichloroethene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,1-Dichloropropene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2,3-Trichloropropane	ND		0.0022	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,2-Dichloropropane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,3-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
1,4-Dichlorobenzene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
2,2-Dichloropropane	ND		0.0054	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
2-Butanone (MEK)	ND		0.022	0.0049	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
2-Hexanone	ND		0.022	0.0033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Acetone	**0.021**	**J**	0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Benzene	**0.00042**	**J**	0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Bromochloromethane	ND		0.0022	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Bromodichloromethane	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	**0.0017**	**J**	0.0054	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Bromomethane	ND		0.022	0.0072	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
cis-1,2-Dichloroethene	ND		0.0011	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
cis-1,3-Dichloropropene	ND		0.0011	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Carbon disulfide	ND		0.011	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Chlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Chloroethane	ND		0.0022	0.00081	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Chloroform	ND		0.0011	0.00064	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Dibromomethane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Dichlorodifluoromethane	ND		0.0022	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00054	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Ethanol	ND		0.27	0.10	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Isopropylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Methylene Chloride	ND		0.011	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Naphthalene	ND		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
N-Propylbenzene	ND		0.0022	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
m,p-Xylene	ND		0.0022	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
sec-Butylbenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Styrene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
trans-1,2-Dichloroethene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
trans-1,3-Dichloropropene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0076	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Toluene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Trichloroethene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Vinyl acetate	ND		0.011	0.0043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Vinyl chloride	ND		0.0011	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1
Xylenes, Total	ND		0.0022	0.00065	mg/Kg	☼	12/06/24 10:51	12/06/24 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:38*	*1*
Dibromofluoromethane (Surr)	*101*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:38*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:38*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1,1-Trichloroethane	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1,2,2-Tetrachloroethane	ND		0.0022	0.00061	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1,2-Trichloroethane	ND		0.0011	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,1-Dichloropropene	ND		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2,3-Trichlorobenzene	ND		0.0022	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2,3-Trichloropropane	ND		0.0022	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2,4-Trichlorobenzene	ND		0.0022	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2,4-Trimethylbenzene	ND		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0037	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2-Dibromoethane	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2-Dichloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,2-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,3,5-Trimethylbenzene	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,3-Dichlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,3-Dichloropropane	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
1,4-Dichlorobenzene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
2,2-Dichloropropane	ND		0.0056	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
2-Butanone (MEK)	ND		0.022	0.0050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
2-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
2-Hexanone	ND		0.022	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
4-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
4-Methyl-2-pentanone (MIBK)	ND		0.022	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Acetone	**0.028**		0.022	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Benzene	**0.00065**	**J**	0.0011	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Bromobenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Bromochloromethane	ND		0.0022	0.00050	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Bromodichloromethane	ND		0.0011	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Bromoform	ND		0.0056	0.0015	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Bromomethane	ND		0.022	0.0073	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
cis-1,2-Dichloroethene	ND		0.0011	0.00038	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
cis-1,3-Dichloropropene	ND		0.0011	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Carbon disulfide	ND		0.011	0.00045	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Carbon tetrachloride	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Chlorobenzene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Chloroethane	ND		0.0022	0.00083	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Chloroform	ND		0.0011	0.00066	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Chloromethane	ND		0.022	0.0017	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Dibromochloromethane	ND		0.0022	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Dibromomethane	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Dichlorodifluoromethane	ND		0.0022	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Ethanol	ND		0.28	0.10	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Ethylbenzene	**0.0025**		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.0042**		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Methylene Chloride	ND		0.011	0.0035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0022	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Naphthalene	ND		0.011	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
n-Butylbenzene	ND		0.0011	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
N-Propylbenzene	**0.0051**		0.0022	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
o-Xylene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
m,p-Xylene	ND		0.0022	0.00053	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
p-Isopropyltoluene	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
sec-Butylbenzene	**0.0059**		0.0011	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Styrene	ND		0.0011	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
trans-1,3-Dichloropropene	ND		0.0022	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
tert-Butyl alcohol (TBA)	ND		0.022	0.0078	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
tert-Butylbenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Tetrachloroethene	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Toluene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Trichloroethene	ND		0.0022	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Trichlorofluoromethane	ND		0.011	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Vinyl acetate	ND		0.011	0.0044	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Vinyl chloride	ND		0.0011	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1
Xylenes, Total	ND		0.0022	0.00067	mg/Kg	☼	12/06/24 10:51	12/06/24 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/06/24 10:51*	*12/06/24 14:59*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:59*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/06/24 10:51*	*12/06/24 14:59*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/06/24 10:51*	*12/06/24 14:59*	*1*

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00056	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,1-Dichloropropene	ND		0.0020	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2,3-Trichloropropane	ND		0.0020	0.00043	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00042	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
2,2-Dichloropropane	ND		0.0051	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
2-Butanone (MEK)	ND		0.020	0.0046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Acetone	**0.028**		0.020	0.010	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Benzene	**0.00031**	**J**	0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Bromochloromethane	ND		0.0020	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Bromoform	ND		0.0051	0.0014	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Bromomethane	ND		0.020	0.0067	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Chloroethane	ND		0.0020	0.00076	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Chloroform	ND		0.0010	0.00060	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Chloromethane	ND		0.020	0.0016	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Dibromochloromethane	ND		0.0020	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00051	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Ethanol	ND		0.26	0.094	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
N-Propylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
m,p-Xylene	ND		0.0020	0.00049	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
trans-1,3-Dichloropropene	ND		0.0020	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
tert-Butyl alcohol (TBA)	**0.010**	**J**	0.020	0.0072	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Trichloroethene	**0.0021**		0.0020	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1
Xylenes, Total	ND		0.0020	0.00061	mg/Kg	☼	12/06/24 10:51	12/06/24 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/06/24 10:51*	*12/06/24 15:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:20*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/06/24 10:51*	*12/06/24 15:20*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:20*	*1*

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1,1-Trichloroethane	ND		0.047	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1,2,2-Tetrachloroethane	ND		0.094	0.026	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.47	0.022	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1,2-Trichloroethane	ND		0.047	0.022	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1-Dichloroethane	ND		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1-Dichloroethene	ND		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,1-Dichloropropene	ND		0.094	0.018	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2,3-Trichlorobenzene	ND		0.094	0.018	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2,3-Trichloropropane	ND		0.094	0.020	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2,4-Trichlorobenzene	ND		0.094	0.019	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2,4-Trimethylbenzene	**0.64**		0.094	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2-Dibromo-3-Chloropropane	ND		0.47	0.16	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2-Dibromoethane	ND		0.047	0.0097	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2-Dichlorobenzene	ND		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2-Dichloroethane	ND		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,2-Dichloropropane	ND		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,3,5-Trimethylbenzene	**0.23**		0.094	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,3-Dichlorobenzene	ND		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,3-Dichloropropane	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
1,4-Dichlorobenzene	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
2,2-Dichloropropane	ND		0.24	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
2-Butanone (MEK)	ND		0.94	0.21	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
2-Chlorotoluene	ND		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
2-Hexanone	ND		0.94	0.14	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
4-Chlorotoluene	ND		0.047	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
4-Methyl-2-pentanone (MIBK)	ND		0.94	0.14	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Acetone	ND		0.94	0.46	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Benzene	**0.023**	**J**	0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Bromobenzene	ND		0.047	0.0098	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Bromochloromethane	ND		0.094	0.021	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Bromodichloromethane	ND		0.047	0.015	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.24	0.062	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Bromomethane	ND		0.94	0.31	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
cis-1,2-Dichloroethene	ND		0.047	0.016	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
cis-1,3-Dichloropropene	ND		0.047	0.016	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Carbon disulfide	ND		0.47	0.019	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Carbon tetrachloride	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Chlorobenzene	ND		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Chloroethane	ND		0.094	0.035	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Chloroform	ND		0.047	0.028	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Chloromethane	ND		0.94	0.072	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Dibromochloromethane	ND		0.094	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Dibromomethane	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Dichlorodifluoromethane	ND		0.094	0.021	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Di-isopropyl ether (DIPE)	ND		0.047	0.024	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Ethanol	ND		12	4.3	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Ethylbenzene	**0.14**		0.047	0.0097	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Ethyl-t-butyl ether (ETBE)	ND		0.047	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Isopropylbenzene	**0.11**		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Methylene Chloride	ND		0.47	0.15	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Methyl-t-Butyl Ether (MTBE)	ND		0.094	0.0088	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Naphthalene	**0.40**	**J**	0.47	0.18	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
n-Butylbenzene	**0.21**		0.047	0.0099	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
N-Propylbenzene	**0.18**		0.094	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
o-Xylene	**0.28**		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
m,p-Xylene	**0.25**		0.094	0.022	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
p-Isopropyltoluene	**0.28**		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
sec-Butylbenzene	**0.12**		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Styrene	ND		0.047	0.015	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
trans-1,2-Dichloroethene	ND		0.047	0.014	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
trans-1,3-Dichloropropene	ND		0.094	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Tert-amyl-methyl ether (TAME)	ND		0.047	0.0091	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
tert-Butyl alcohol (TBA)	ND		0.94	0.33	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
tert-Butylbenzene	ND		0.047	0.012	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Tetrachloroethene	ND		0.047	0.011	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Toluene	**0.058**		0.047	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Trichloroethene	ND		0.094	0.018	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Trichlorofluoromethane	ND		0.47	0.013	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Vinyl acetate	ND		0.47	0.18	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Vinyl chloride	ND		0.047	0.018	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50
Xylenes, Total	**0.53**		0.094	0.028	mg/Kg	☼	12/06/24 10:51	12/06/24 16:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*	*12/06/24 10:51*	*12/06/24 16:43*	*50*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:43*	*50*
Dibromofluoromethane (Surr)	*101*		*58 - 147*	*12/06/24 10:51*	*12/06/24 16:43*	*50*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/06/24 10:51*	*12/06/24 16:43*	*50*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00087	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1,1-Trichloroethane	ND		0.00087	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1,2,2-Tetrachloroethane	ND		0.0017	0.00048	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0087	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1,2-Trichloroethane	ND		0.00087	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1-Dichloroethane	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1-Dichloroethene	ND		0.00087	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,1-Dichloropropene	ND		0.0017	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2,3-Trichlorobenzene	ND		0.0017	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2,3-Trichloropropane	ND		0.0017	0.00037	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2,4-Trichlorobenzene	ND		0.0017	0.00036	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2,4-Trimethylbenzene	ND		0.0017	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2-Dibromo-3-Chloropropane	ND		0.0087	0.0029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2-Dibromoethane	ND		0.00087	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2-Dichloroethane	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,2-Dichloropropane	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,3,5-Trimethylbenzene	ND		0.0017	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,3-Dichlorobenzene	ND		0.00087	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,3-Dichloropropane	ND		0.00087	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
1,4-Dichlorobenzene	ND		0.00087	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
2-Butanone (MEK)	ND		0.017	0.0039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
2-Chlorotoluene	ND		0.00087	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
2-Hexanone	ND		0.017	0.0027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
4-Chlorotoluene	ND		0.00087	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.017	0.0025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Acetone	**0.021**		0.017	0.0086	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Benzene	ND		0.00087	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Bromobenzene	ND		0.00087	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Bromochloromethane	ND		0.0017	0.00039	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Bromodichloromethane	ND		0.00087	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Bromoform	ND		0.0044	0.0012	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Bromomethane	ND		0.017	0.0057	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
cis-1,2-Dichloroethene	ND		0.00087	0.00029	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
cis-1,3-Dichloropropene	ND		0.00087	0.00030	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Carbon disulfide	**0.00037**	**J**	0.0087	0.00035	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Carbon tetrachloride	ND		0.00087	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Chlorobenzene	ND		0.00087	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Chloroethane	ND		0.0017	0.00065	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Chloroform	ND		0.00087	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Chloromethane	ND		0.017	0.0013	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Dibromochloromethane	ND		0.0017	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Dibromomethane	ND		0.00087	0.00027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Dichlorodifluoromethane	ND		0.0017	0.00040	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Di-isopropyl ether (DIPE)	ND		0.00087	0.00044	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Ethanol	ND		0.22	0.081	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Ethylbenzene	ND		0.00087	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.00087	0.00021	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Methylene Chloride	ND		0.0087	0.0027	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0017	0.00016	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Naphthalene	ND		0.0087	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
n-Butylbenzene	ND		0.00087	0.00018	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
N-Propylbenzene	ND		0.0017	0.00023	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
o-Xylene	ND		0.00087	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
m,p-Xylene	ND		0.0017	0.00041	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
p-Isopropyltoluene	ND		0.00087	0.00025	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
sec-Butylbenzene	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Styrene	ND		0.00087	0.00028	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
trans-1,2-Dichloroethene	ND		0.00087	0.00026	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
trans-1,3-Dichloropropene	ND		0.0017	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Tert-amyl-methyl ether (TAME)	ND		0.00087	0.00017	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
tert-Butyl alcohol (TBA)	ND		0.017	0.0061	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
tert-Butylbenzene	ND		0.00087	0.00022	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Tetrachloroethene	ND		0.00087	0.00020	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Toluene	ND		0.00087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Trichloroethene	ND		0.0017	0.00034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Trichlorofluoromethane	ND		0.0087	0.00024	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Vinyl acetate	ND		0.0087	0.0034	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Vinyl chloride	ND		0.00087	0.00033	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1
Xylenes, Total	ND		0.0017	0.00052	mg/Kg	☼	12/06/24 10:51	12/06/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/06/24 10:51*	*12/06/24 15:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:41*	*1*
Dibromofluoromethane (Surr)	*104*		*58 - 147*	*12/06/24 10:51*	*12/06/24 15:41*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*12/06/24 10:51*	*12/06/24 15:41*	*1*

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1-Dichloroethane	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00040	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0035	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2-Dichlorobenzene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
1,4-Dichlorobenzene	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
2-Butanone (MEK)	ND		0.021	0.0048	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
2-Chlorotoluene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
4-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0031	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Acetone	**0.013**	**J**	0.021	0.010	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Benzene	**0.00028**	**J**	0.0011	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Bromodichloromethane	ND		0.0011	0.00034	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Bromoform	**0.0033**	**J**	0.0053	0.0014	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
cis-1,2-Dichloroethene	ND		0.0011	0.00036	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
cis-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Carbon tetrachloride	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Chloroform	ND		0.0011	0.00062	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Ethanol	ND		0.26	0.097	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Isopropylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Naphthalene	ND		0.011	0.0041	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
o-Xylene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
p-Isopropyltoluene	ND		0.0011	0.00030	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
sec-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Styrene	ND		0.0011	0.00033	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
trans-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
trans-1,3-Dichloropropene	ND		0.0021	0.00030	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00020	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
tert-Butyl alcohol (TBA)	**0.010**	**J**	0.021	0.0074	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0011	0.00024	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Toluene	ND		0.0011	0.00028	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Vinyl acetate	ND		0.011	0.0041	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/06/24 10:52	12/06/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/06/24 10:52*	*12/06/24 16:01*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/06/24 10:52*	*12/06/24 16:01*	*1*
Dibromofluoromethane (Surr)	*106*		*58 - 147*	*12/06/24 10:52*	*12/06/24 16:01*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*12/06/24 10:52*	*12/06/24 16:01*	*1*

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 12:06	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 12:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 12:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 12:06	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 12:06	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 12:06	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 12:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 12:06	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 12:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 12:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 12:06	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 12:06	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 12:06	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:06	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 12:06	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 12:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 12:06	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:06	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 12:06	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 12:06	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 12:06	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 12:06	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 12:06	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 12:06	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 12:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 12:06	1
Acetone	**7.6**	**J**	10	7.4	ug/L			12/06/24 12:06	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 12:06	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 12:06	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 12:06	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 12:06	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	1.9	ug/L			12/06/24 12:06	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 12:06	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 12:06	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 12:06	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 12:06	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 12:06	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 12:06	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 12:06	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 12:06	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 12:06	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 12:06	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 12:06	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 12:06	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 12:06	1
Ethanol	ND		100	52	ug/L			12/06/24 12:06	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 12:06	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 12:06	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 12:06	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 12:06	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 12:06	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 12:06	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 12:06	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 12:06	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 12:06	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 12:06	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 12:06	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 12:06	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 12:06	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 12:06	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 12:06	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 12:06	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 12:06	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 12:06	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 12:06	1
Toluene	ND		1.0	0.30	ug/L			12/06/24 12:06	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 12:06	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 12:06	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 12:06	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*12/06/24 12:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/06/24 12:06*	*1*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*12/06/24 12:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/06/24 12:06*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB_20241205
Date Collected: 12/05/24 00:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 11:43	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 11:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 11:43	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 11:43	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 11:43	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 11:43	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 11:43	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 11:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 11:43	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 11:43	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 11:43	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 11:43	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 11:43	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 11:43	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 11:43	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 11:43	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 11:43	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 11:43	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 11:43	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 11:43	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 11:43	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 11:43	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 11:43	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 11:43	1
Acetone	ND		10	7.4	ug/L			12/06/24 11:43	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 11:43	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 11:43	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 11:43	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 11:43	1
Bromoform	ND		5.0	1.9	ug/L			12/06/24 11:43	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 11:43	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 11:43	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 11:43	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 11:43	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 11:43	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 11:43	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 11:43	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 11:43	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 11:43	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 11:43	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 11:43	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 11:43	1
Ethanol	ND		100	52	ug/L			12/06/24 11:43	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 11:43	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 11:43	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB_20241205
Date Collected: 12/05/24 00:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-23
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 11:43	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 11:43	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 11:43	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 11:43	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 11:43	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 11:43	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 11:43	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 11:43	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 11:43	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 11:43	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 11:43	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 11:43	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 11:43	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 11:43	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 11:43	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 11:43	1
Toluene	ND		1.0	0.30	ug/L			12/06/24 11:43	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 11:43	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 11:43	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 11:43	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*12/06/24 11:43*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/06/24 11:43*	*1*
Dibromofluoromethane (Surr)	*103*		*78 - 120*		*12/06/24 11:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/06/24 11:43*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Acenaphthylene	ND		0.022	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Anthracene	ND		0.022	0.0096	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Benzo[a]anthracene	ND		0.022	0.0087	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Naphthalene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1
Pyrene	ND		0.022	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*12/06/24 12:54*	*12/10/24 11:16*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/06/24 12:54*	*12/10/24 11:16*	*1*
p-Terphenyl-d14 (Surr)	*102*		*33 - 147*	*12/06/24 12:54*	*12/10/24 11:16*	*1*

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*	*12/06/24 12:54*	*12/10/24 11:38*	*1*
Nitrobenzene-d5 (Surr)	*80*		*20 - 145*	*12/06/24 12:54*	*12/10/24 11:38*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*118*		*33 - 147*	*12/06/24 12:54*	*12/10/24 11:38*	*1*

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Benzo[a]pyrene	ND		0.023	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*22 - 130*	*12/06/24 12:54*	*12/10/24 12:01*	*1*
Nitrobenzene-d5 (Surr)	*63*		*20 - 145*	*12/06/24 12:54*	*12/10/24 12:01*	*1*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*	*12/06/24 12:54*	*12/10/24 12:01*	*1*

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.11	0.060	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
2-Methylnaphthalene	ND		0.11	0.058	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Acenaphthene	ND		0.11	0.072	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Acenaphthylene	ND		0.11	0.053	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Anthracene	ND		0.11	0.049	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Benzo[g,h,i]perylene	ND		0.11	0.058	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Benzo[k]fluoranthene	ND		0.11	0.094	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Benzo[a]anthracene	ND		0.11	0.044	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Benzo[a]pyrene	ND		0.11	0.045	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Benzo[b]fluoranthene	ND		0.11	0.082	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Chrysene	ND		0.11	0.036	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Dibenz(a,h)anthracene	ND		0.11	0.060	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Fluoranthene	ND		0.11	0.044	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Fluorene	ND		0.11	0.053	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Indeno[1,2,3-cd]pyrene	ND		0.11	0.066	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Naphthalene	ND		0.11	0.049	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.11	0.082	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5
Pyrene	ND		0.11	0.048	mg/Kg	☼	12/06/24 12:54	12/10/24 12:23	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*	*12/06/24 12:54*	*12/10/24 12:23*	*5*
Nitrobenzene-d5 (Surr)	*75*		*20 - 145*	*12/06/24 12:54*	*12/10/24 12:23*	*5*
p-Terphenyl-d14 (Surr)	*110*		*33 - 147*	*12/06/24 12:54*	*12/10/24 12:23*	*5*

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*12/06/24 12:54*	*12/10/24 12:46*	*1*
Nitrobenzene-d5 (Surr)	*75*		*20 - 145*	*12/06/24 12:54*	*12/10/24 12:46*	*1*
p-Terphenyl-d14 (Surr)	*108*		*33 - 147*	*12/06/24 12:54*	*12/10/24 12:46*	*1*

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/06/24 12:54	12/10/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*22 - 130*	*12/06/24 12:54*	*12/10/24 13:08*	*1*
Nitrobenzene-d5 (Surr)	*66*		*20 - 145*	*12/06/24 12:54*	*12/10/24 13:08*	*1*
p-Terphenyl-d14 (Surr)	*97*		*33 - 147*	*12/06/24 12:54*	*12/10/24 13:08*	*1*

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Chrysene	ND		0.022	0.0073	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 12:54	12/10/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*22 - 130*	*12/06/24 12:54*	*12/10/24 13:31*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/06/24 12:54*	*12/10/24 13:31*	*1*
p-Terphenyl-d14 (Surr)	*98*		*33 - 147*	*12/06/24 12:54*	*12/10/24 13:31*	*1*

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Benzo[a]anthracene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Benzo[a]pyrene	ND		0.023	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*22 - 130*	*12/06/24 12:54*	*12/10/24 13:53*	*1*
Nitrobenzene-d5 (Surr)	*80*		*20 - 145*	*12/06/24 12:54*	*12/10/24 13:53*	*1*
p-Terphenyl-d14 (Surr)	*113*		*33 - 147*	*12/06/24 12:54*	*12/10/24 13:53*	*1*

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Fluoranthene	ND		0.024	0.0096	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*22 - 130*	*12/06/24 12:54*	*12/10/24 14:16*	*1*
Nitrobenzene-d5 (Surr)	*70*		*20 - 145*	*12/06/24 12:54*	*12/10/24 14:16*	*1*
p-Terphenyl-d14 (Surr)	*100*		*33 - 147*	*12/06/24 12:54*	*12/10/24 14:16*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.5**		0.54	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
2-Methylnaphthalene	**3.7**		0.54	0.28	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Acenaphthene	ND		0.54	0.35	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Acenaphthylene	ND		0.54	0.26	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Anthracene	ND		0.54	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Benzo[g,h,i]perylene	ND		0.54	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Benzo[k]fluoranthene	ND		0.54	0.47	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Benzo[a]anthracene	ND		0.54	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Benzo[a]pyrene	ND		0.54	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Benzo[b]fluoranthene	ND		0.54	0.40	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Chrysene	**0.28**	**J**	0.54	0.18	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Dibenz(a,h)anthracene	ND		0.54	0.30	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Fluoranthene	ND		0.54	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Fluorene	ND		0.54	0.26	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Indeno[1,2,3-cd]pyrene	ND		0.54	0.33	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Naphthalene	**1.5**		0.54	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Phenanthrene	ND		0.54	0.41	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25
Pyrene	**0.35**	**J**	0.54	0.23	mg/Kg	☼	12/06/24 12:54	12/10/24 14:38	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*111*		*22 - 130*	*12/06/24 12:54*	*12/10/24 14:38*	*25*
Nitrobenzene-d5 (Surr)	*60*		*20 - 145*	*12/06/24 12:54*	*12/10/24 14:38*	*25*
p-Terphenyl-d14 (Surr)	*124*		*33 - 147*	*12/06/24 12:54*	*12/10/24 14:38*	*25*

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Benzo[a]anthracene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Chrysene	ND		0.022	0.0073	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 12:54	12/10/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*12/06/24 12:54*	*12/10/24 15:01*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*12/06/24 12:54*	*12/10/24 15:01*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*107*		*33 - 147*	*12/06/24 12:54*	*12/10/24 15:01*	*1*

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Acenaphthene	ND		0.024	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Anthracene	ND		0.024	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Benzo[g,h,i]perylene	ND		0.024	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Benzo[a]pyrene	ND		0.024	0.0096	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Fluorene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*12/06/24 12:54*	*12/10/24 15:23*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/06/24 12:54*	*12/10/24 15:23*	*1*
p-Terphenyl-d14 (Surr)	*92*		*33 - 147*	*12/06/24 12:54*	*12/10/24 15:23*	*1*

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**3.5**		0.52	0.28	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
2-Methylnaphthalene	**3.7**		0.52	0.27	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Acenaphthene	**0.70**		0.52	0.34	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Acenaphthylene	ND		0.52	0.25	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Anthracene	ND		0.52	0.23	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Benzo[g,h,i]perylene	ND		0.52	0.28	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Benzo[k]fluoranthene	ND		0.52	0.45	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Benzo[a]anthracene	ND		0.52	0.21	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Benzo[a]pyrene	ND		0.52	0.21	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Benzo[b]fluoranthene	ND		0.52	0.39	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Chrysene	**0.56**		0.52	0.17	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Dibenz(a,h)anthracene	ND		0.52	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Fluoranthene	**0.36**	**J**	0.52	0.21	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Fluorene	ND		0.52	0.25	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Indeno[1,2,3-cd]pyrene	ND		0.52	0.31	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Naphthalene	**2.5**		0.52	0.23	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**1.8**		0.52	0.39	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25
Pyrene	**0.62**		0.52	0.23	mg/Kg	☼	12/06/24 12:54	12/10/24 15:46	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*	*12/06/24 12:54*	*12/10/24 15:46*	*25*
Nitrobenzene-d5 (Surr)	*62*		*20 - 145*	*12/06/24 12:54*	*12/10/24 15:46*	*25*
p-Terphenyl-d14 (Surr)	*107*		*33 - 147*	*12/06/24 12:54*	*12/10/24 15:46*	*25*

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Anthracene	ND		0.022	0.0098	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Benzo[a]pyrene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Fluoranthene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Naphthalene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/06/24 12:54	12/10/24 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*22 - 130*	*12/06/24 12:54*	*12/10/24 16:09*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*12/06/24 12:54*	*12/10/24 16:09*	*1*
p-Terphenyl-d14 (Surr)	*111*		*33 - 147*	*12/06/24 12:54*	*12/10/24 16:09*	*1*

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*12/06/24 12:54*	*12/10/24 16:31*	*1*
Nitrobenzene-d5 (Surr)	*80*		*20 - 145*	*12/06/24 12:54*	*12/10/24 16:31*	*1*
p-Terphenyl-d14 (Surr)	*103*		*33 - 147*	*12/06/24 12:54*	*12/10/24 16:31*	*1*

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**8.2**		0.55	0.30	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
2-Methylnaphthalene	**12**		0.55	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Acenaphthene	**0.48**	**J**	0.55	0.36	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Acenaphthylene	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Anthracene	ND		0.55	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Benzo[g,h,i]perylene	ND		0.55	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Benzo[k]fluoranthene	ND		0.55	0.47	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Benzo[a]anthracene	ND		0.55	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Benzo[a]pyrene	ND		0.55	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Benzo[b]fluoranthene	ND		0.55	0.41	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Chrysene	**0.20**	**J**	0.55	0.18	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Dibenz(a,h)anthracene	ND		0.55	0.30	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Fluoranthene	ND		0.55	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Fluorene	**0.45**	**J**	0.55	0.27	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Indeno[1,2,3-cd]pyrene	ND		0.55	0.33	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Naphthalene	**4.3**		0.55	0.25	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Phenanthrene	**1.2**		0.55	0.41	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25
Pyrene	**0.25**	**J**	0.55	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 16:54	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*104*		*22 - 130*	*12/06/24 12:54*	*12/10/24 16:54*	*25*
Nitrobenzene-d5 (Surr)	*44*		*20 - 145*	*12/06/24 12:54*	*12/10/24 16:54*	*25*
p-Terphenyl-d14 (Surr)	*119*		*33 - 147*	*12/06/24 12:54*	*12/10/24 16:54*	*25*

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/06/24 12:54	12/10/24 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*	*12/06/24 12:54*	*12/10/24 17:16*	*1*
Nitrobenzene-d5 (Surr)	*87*		*20 - 145*	*12/06/24 12:54*	*12/10/24 17:16*	*1*
p-Terphenyl-d14 (Surr)	*109*		*33 - 147*	*12/06/24 12:54*	*12/10/24 17:16*	*1*

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Benzo[a]anthracene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Benzo[a]pyrene	ND		0.023	0.0096	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Benzo[b]fluoranthene	ND		0.023	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Phenanthrene	ND		0.023	0.018	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/06/24 12:54	12/10/24 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*22 - 130*	*12/06/24 12:54*	*12/10/24 17:39*	*1*
Nitrobenzene-d5 (Surr)	*72*		*20 - 145*	*12/06/24 12:54*	*12/10/24 17:39*	*1*
p-Terphenyl-d14 (Surr)	*95*		*33 - 147*	*12/06/24 12:54*	*12/10/24 17:39*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**7.8**		0.53	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
2-Methylnaphthalene	**12**		0.53	0.28	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Acenaphthene	**0.65**		0.53	0.35	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Acenaphthylene	ND		0.53	0.26	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Anthracene	ND		0.53	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Benzo[g,h,i]perylene	ND		0.53	0.28	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Benzo[k]fluoranthene	ND		0.53	0.46	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Benzo[a]anthracene	ND		0.53	0.21	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Benzo[a]pyrene	ND		0.53	0.22	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Benzo[b]fluoranthene	ND		0.53	0.40	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Chrysene	**0.23**	**J**	0.53	0.17	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Dibenz(a,h)anthracene	ND		0.53	0.29	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Fluoranthene	ND		0.53	0.21	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Fluorene	**0.54**		0.53	0.26	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Indeno[1,2,3-cd]pyrene	ND		0.53	0.32	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Naphthalene	**2.7**		0.53	0.24	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Phenanthrene	**1.1**		0.53	0.40	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25
Pyrene	**0.31**	**J**	0.53	0.23	mg/Kg	☼	12/06/24 12:54	12/10/24 18:01	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*	*12/06/24 12:54*	*12/10/24 18:01*	*25*
Nitrobenzene-d5 (Surr)	*38*		*20 - 145*	*12/06/24 12:54*	*12/10/24 18:01*	*25*
p-Terphenyl-d14 (Surr)	*107*		*33 - 147*	*12/06/24 12:54*	*12/10/24 18:01*	*25*

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Benzo[a]anthracene	ND		0.022	0.0089	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Chrysene	ND		0.022	0.0072	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*22 - 130*	*12/06/24 13:11*	*12/10/24 11:35*	*1*
Nitrobenzene-d5 (Surr)	*95*		*20 - 145*	*12/06/24 13:11*	*12/10/24 11:35*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	77		33 - 147	12/06/24 13:11	12/10/24 11:35	1

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/06/24 13:11	12/10/24 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		22 - 130	12/06/24 13:11	12/10/24 11:56	1
Nitrobenzene-d5 (Surr)	94		20 - 145	12/06/24 13:11	12/10/24 11:56	1
p-Terphenyl-d14 (Surr)	78		33 - 147	12/06/24 13:11	12/10/24 11:56	1

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.21	0.077	ug/L		12/06/24 06:00	12/09/24 23:46	1
2-Methylnaphthalene	ND		0.21	0.081	ug/L		12/06/24 06:00	12/09/24 23:46	1
Acenaphthene	ND		0.21	0.10	ug/L		12/06/24 06:00	12/09/24 23:46	1
Acenaphthylene	ND		0.21	0.073	ug/L		12/06/24 06:00	12/09/24 23:46	1
Anthracene	ND		0.21	0.062	ug/L		12/06/24 06:00	12/09/24 23:46	1
Benzo[g,h,i]perylene	ND		0.21	0.11	ug/L		12/06/24 06:00	12/09/24 23:46	1
Benzo[k]fluoranthene	ND		0.21	0.16	ug/L		12/06/24 06:00	12/09/24 23:46	1
Benzo[a]anthracene	ND		0.21	0.090	ug/L		12/06/24 06:00	12/09/24 23:46	1
Benzo[a]pyrene	ND		0.21	0.066	ug/L		12/06/24 06:00	12/09/24 23:46	1
Benzo[b]fluoranthene	ND		0.21	0.19	ug/L		12/06/24 06:00	12/09/24 23:46	1
Chrysene	ND		0.21	0.062	ug/L		12/06/24 06:00	12/09/24 23:46	1
Dibenz(a,h)anthracene	ND		0.21	0.12	ug/L		12/06/24 06:00	12/09/24 23:46	1
Fluoranthene	ND		0.21	0.15	ug/L		12/06/24 06:00	12/09/24 23:46	1
Fluorene	ND		0.21	0.079	ug/L		12/06/24 06:00	12/09/24 23:46	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.11	ug/L		12/06/24 06:00	12/09/24 23:46	1
Naphthalene	ND		0.21	0.16	ug/L		12/06/24 06:00	12/09/24 23:46	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.21	0.077	ug/L		12/06/24 06:00	12/09/24 23:46	1
Pyrene	ND		0.21	0.070	ug/L		12/06/24 06:00	12/09/24 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*33 - 144*	*12/06/24 06:00*	*12/09/24 23:46*	*1*
Nitrobenzene-d5 (Surr)	*98*		*28 - 139*	*12/06/24 06:00*	*12/09/24 23:46*	*1*
p-Terphenyl-d14 (Surr)	*60*		*23 - 160*	*12/06/24 06:00*	*12/09/24 23:46*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.54	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
1,2-Dichlorobenzene	ND		0.54	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
1,3-Dichlorobenzene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
1,4-Dichlorobenzene	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
1-Methylnaphthalene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4,5-Trichlorophenol	ND		0.54	0.21	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4,6-Trichlorophenol	ND		0.54	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4-Dichlorophenol	ND		0.54	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4-Dimethylphenol	ND		0.54	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4-Dinitrophenol	ND		2.2	0.99	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,4-Dinitrotoluene	ND		0.54	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,6-Dichlorophenol	ND		0.54	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2,6-Dinitrotoluene	ND		0.54	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Chloronaphthalene	ND		0.54	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Chlorophenol	ND		0.54	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Methylnaphthalene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Methylphenol	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Nitroaniline	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
2-Nitrophenol	ND		0.54	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
3-Nitroaniline	ND		0.54	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Bromophenyl phenyl ether	ND		0.54	0.080	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Chloro-3-methylphenol	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Chloroaniline	ND		0.54	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Chlorophenyl phenyl ether	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Nitroaniline	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
4-Nitrophenol	ND		0.54	0.34	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Acenaphthene	ND		0.54	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Acenaphthylene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Aniline	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Anthracene	ND		0.54	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Azobenzene	ND		0.54	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzidine	ND	F1 *- *1	5.4	0.63	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzo[a]anthracene	ND		0.54	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzo[a]pyrene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzo[b]fluoranthene	ND		0.54	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzo[g,h,i]perylene	ND		0.54	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzo[k]fluoranthene	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Benzyl alcohol	ND		0.54	0.18	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Bis(2-chloroethoxy)methane	ND		0.54	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
bis (2-Chloroisopropyl) ether	ND		0.54	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Bis(2-ethylhexyl) phthalate	ND		0.54	0.24	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Butyl benzyl phthalate	ND		0.54	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Chrysene	ND		0.54	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Dibenz(a,h)anthracene	ND		0.54	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Diethyl phthalate	ND		0.54	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Dimethyl phthalate	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Di-n-butyl phthalate	ND		0.54	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Di-n-octyl phthalate	ND		0.54	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Fluoranthene	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Fluorene	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Hexachloro-1,3-butadiene	ND		0.54	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Hexachlorobenzene	ND		0.54	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Hexachlorocyclopentadiene	ND		1.6	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Hexachloroethane	ND		0.54	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Indeno[1,2,3-cd]pyrene	ND		0.54	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Isophorone	ND		0.54	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Naphthalene	ND		0.54	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
N-Nitrosodimethylamine	ND		0.54	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
N-Nitrosodi-n-propylamine	ND		0.54	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.54	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Phenanthrene	ND		0.54	0.079	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Phenol	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Pyrene	ND		0.54	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1
Pyridine	ND		0.54	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 134*	*12/06/24 12:55*	*12/10/24 18:13*	*1*
2-Fluorobiphenyl (Surr)	*71*		*14 - 142*	*12/06/24 12:55*	*12/10/24 18:13*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/06/24 12:55*	*12/10/24 18:13*	*1*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*	*12/06/24 12:55*	*12/10/24 18:13*	*1*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*	*12/06/24 12:55*	*12/10/24 18:13*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*12/06/24 12:55*	*12/10/24 18:13*	*1*

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzidine	ND	*- *1	5.8	0.67	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 134*	*12/06/24 12:55*	*12/10/24 18:37*	*1*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 12:55*	*12/10/24 18:37*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 123*	*12/06/24 12:55*	*12/10/24 18:37*	*1*
Nitrobenzene-d5 (Surr)	*71*		*10 - 129*	*12/06/24 12:55*	*12/10/24 18:37*	*1*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*	*12/06/24 12:55*	*12/10/24 18:37*	*1*
Phenol-d6 (Surr)	*75*		*10 - 120*	*12/06/24 12:55*	*12/10/24 18:37*	*1*

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
1,2-Dichlorobenzene	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4-Dichlorophenol	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,4-Dinitrotoluene	ND		0.59	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
3-Nitroaniline	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4-Bromophenyl phenyl ether	ND		0.59	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4-Chloroaniline	ND		0.59	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Acenaphthene	ND		0.59	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Anthracene	ND		0.59	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Azobenzene	ND		0.59	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzidine	ND	*- *1	5.9	0.67	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzo[b]fluoranthene	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzo[g,h,i]perylene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzoic acid	ND		2.9	0.79	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Chrysene	ND		0.59	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Dibenz(a,h)anthracene	ND		0.59	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Diethyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Hexachlorobenzene	ND		0.59	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Isophorone	ND		0.59	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
N-Nitrosodimethylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Pentachlorophenol	ND		2.9	2.2	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Phenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 134*	*12/06/24 12:55*	*12/10/24 19:02*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-3
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*60*		*14 - 142*	*12/06/24 12:55*	*12/10/24 19:02*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 123*	*12/06/24 12:55*	*12/10/24 19:02*	*1*
Nitrobenzene-d5 (Surr)	*62*		*10 - 129*	*12/06/24 12:55*	*12/10/24 19:02*	*1*
p-Terphenyl-d14 (Surr)	*61*		*31 - 139*	*12/06/24 12:55*	*12/10/24 19:02*	*1*
Phenol-d6 (Surr)	*62*		*10 - 120*	*12/06/24 12:55*	*12/10/24 19:02*	*1*

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
1,2-Dichlorobenzene	ND		0.55	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
1,3-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
1,4-Dichlorobenzene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4,5-Trichlorophenol	ND		0.55	0.21	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4-Dinitrophenol	ND		2.2	0.99	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
3-Nitroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
4-Nitrophenol	ND		0.55	0.34	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzidine	ND	*- *1	5.5	0.63	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzo[b]fluoranthene	ND		0.55	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzo[g,h,i]perylene	ND		0.55	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Dibenz(a,h)anthracene	ND		0.55	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Hexachlorobenzene	ND		0.55	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Hexachlorocyclopentadiene	ND		1.6	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
N-Nitrosodimethylamine	ND		0.55	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
N-Nitrosodi-n-propylamine	ND		0.55	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 134*	*12/06/24 12:55*	*12/10/24 19:26*	*1*
2-Fluorobiphenyl (Surr)	*62*		*14 - 142*	*12/06/24 12:55*	*12/10/24 19:26*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 123*	*12/06/24 12:55*	*12/10/24 19:26*	*1*
Nitrobenzene-d5 (Surr)	*64*		*10 - 129*	*12/06/24 12:55*	*12/10/24 19:26*	*1*
p-Terphenyl-d14 (Surr)	*63*		*31 - 139*	*12/06/24 12:55*	*12/10/24 19:26*	*1*
Phenol-d6 (Surr)	*70*		*10 - 120*	*12/06/24 12:55*	*12/10/24 19:26*	*1*

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzidine	ND	*- *1	5.8	0.67	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Chrysene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 134*	*12/06/24 12:55*	*12/10/24 19:50*	*1*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/06/24 12:55*	*12/10/24 19:50*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 123*	*12/06/24 12:55*	*12/10/24 19:50*	*1*
Nitrobenzene-d5 (Surr)	*71*		*10 - 129*	*12/06/24 12:55*	*12/10/24 19:50*	*1*
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*	*12/06/24 12:55*	*12/10/24 19:50*	*1*
Phenol-d6 (Surr)	*77*		*10 - 120*	*12/06/24 12:55*	*12/10/24 19:50*	*1*

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
1,2-Dichlorobenzene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2,6-Dinitrotoluene	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
3-Nitroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Bromophenyl phenyl ether	ND		0.58	0.084	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Acenaphthene	ND		0.58	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Anthracene	ND		0.58	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Azobenzene	ND		0.58	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzidine	ND	*- *1	5.8	0.66	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzo[a]pyrene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Hexachlorobenzene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Phenanthrene	ND		0.58	0.083	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 134*	*12/06/24 12:55*	*12/10/24 20:14*	*1*
2-Fluorobiphenyl (Surr)	*63*		*14 - 142*	*12/06/24 12:55*	*12/10/24 20:14*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 123*	*12/06/24 12:55*	*12/10/24 20:14*	*1*
Nitrobenzene-d5 (Surr)	*67*		*10 - 129*	*12/06/24 12:55*	*12/10/24 20:14*	*1*
p-Terphenyl-d14 (Surr)	*68*		*31 - 139*	*12/06/24 12:55*	*12/10/24 20:14*	*1*
Phenol-d6 (Surr)	*66*		*10 - 120*	*12/06/24 12:55*	*12/10/24 20:14*	*1*

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
3-Nitroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzidine	ND	*- *1	5.6	0.64	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzoic acid	ND		2.8	0.75	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Hexachlorobenzene	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*	*12/06/24 12:55*	*12/10/24 20:38*	*1*
2-Fluorobiphenyl (Surr)	*73*		*14 - 142*	*12/06/24 12:55*	*12/10/24 20:38*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 123*	*12/06/24 12:55*	*12/10/24 20:38*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/06/24 12:55*	*12/10/24 20:38*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*	*12/06/24 12:55*	*12/10/24 20:38*	*1*
Phenol-d6 (Surr)	*78*		*10 - 120*	*12/06/24 12:55*	*12/10/24 20:38*	*1*

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,4-Dinitrotoluene	ND		0.58	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzidine	ND	*- *1	5.8	0.67	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzo[b]fluoranthene	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Chrysene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Isophorone	ND		0.58	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
N-Nitrosodi-n-propylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/06/24 12:55*	*12/10/24 21:02*	*1*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/06/24 12:55*	*12/10/24 21:02*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/06/24 12:55*	*12/10/24 21:02*	*1*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*12/06/24 12:55*	*12/10/24 21:02*	*1*
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/10/24 21:02*	*1*
Phenol-d6 (Surr)	*78*		*10 - 120*	*12/06/24 12:55*	*12/10/24 21:02*	*1*

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
1,2-Dichlorobenzene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,4-Dinitrotoluene	ND		0.59	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
2-Nitrophenol	ND		0.59	0.17	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
3-Nitroaniline	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Bromophenyl phenyl ether	ND		0.59	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Chloroaniline	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Acenaphthene	ND		0.59	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Anthracene	ND		0.59	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Azobenzene	ND		0.59	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzidine	ND	*- *1	5.9	0.68	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzo[a]anthracene	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzo[g,h,i]perylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Chrysene	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Dibenz(a,h)anthracene	ND		0.59	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Di-n-octyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Hexachlorobenzene	ND		0.59	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Isophorone	ND		0.59	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Naphthalene	ND		0.59	0.17	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
N-Nitrosodimethylamine	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Phenanthrene	ND		0.59	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Phenol	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/06/24 12:55*	*12/10/24 21:27*	*1*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 12:55*	*12/10/24 21:27*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/06/24 12:55*	*12/10/24 21:27*	*1*
Nitrobenzene-d5 (Surr)	*74*		*10 - 129*	*12/06/24 12:55*	*12/10/24 21:27*	*1*
p-Terphenyl-d14 (Surr)	*73*		*31 - 139*	*12/06/24 12:55*	*12/10/24 21:27*	*1*
Phenol-d6 (Surr)	*76*		*10 - 120*	*12/06/24 12:55*	*12/10/24 21:27*	*1*

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		27	6.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
1,2-Dichlorobenzene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
1,3-Dichlorobenzene	ND		27	5.8	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
1,4-Dichlorobenzene	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
1-Methylnaphthalene	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4,5-Trichlorophenol	ND		27	11	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4,6-Trichlorophenol	ND		27	6.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4-Dichlorophenol	ND		27	7.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4-Dimethylphenol	ND		27	7.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4-Dinitrophenol	ND		110	50	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,4-Dinitrotoluene	ND		27	4.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,6-Dichlorophenol	ND		27	6.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2,6-Dinitrotoluene	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Chloronaphthalene	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Chlorophenol	ND		27	7.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Methylnaphthalene	ND		27	5.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Methylphenol	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Nitroaniline	ND		27	5.0	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
2-Nitrophenol	ND		27	7.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		140	29	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
3/4-Methylphenol	ND		55	5.8	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
3-Nitroaniline	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4,6-Dinitro-2-methylphenol	ND		140	52	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Bromophenyl phenyl ether	ND		27	4.0	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Chloro-3-methylphenol	ND		27	5.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Chloroaniline	ND		27	4.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Chlorophenyl phenyl ether	ND		27	5.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Nitroaniline	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
4-Nitrophenol	ND		27	17	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Acenaphthene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Acenaphthylene	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Aniline	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Anthracene	ND		27	4.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Azobenzene	ND		27	4.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzidine	ND	*- *1	270	32	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzo[a]anthracene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzo[a]pyrene	ND		27	5.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzo[b]fluoranthene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzo[g,h,i]perylene	ND		27	4.9	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzo[k]fluoranthene	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzoic acid	ND		140	37	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Benzyl alcohol	ND		27	9.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Bis(2-chloroethoxy)methane	ND		27	6.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Bis(2-chloroethyl)ether	ND		140	5.8	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
bis (2-Chloroisopropyl) ether	ND		27	6.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Bis(2-ethylhexyl) phthalate	ND		27	12	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Butyl benzyl phthalate	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Chrysene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Dibenz(a,h)anthracene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Dibenzofuran	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Diethyl phthalate	ND		27	6.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Dimethyl phthalate	ND		27	5.4	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Di-n-butyl phthalate	ND		27	6.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Di-n-octyl phthalate	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Fluoranthene	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Fluorene	ND		27	5.1	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Hexachloro-1,3-butadiene	ND		27	6.9	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Hexachlorobenzene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Hexachlorocyclopentadiene	ND		82	4.7	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Hexachloroethane	ND		27	5.0	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Indeno[1,2,3-cd]pyrene	ND		27	6.8	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Isophorone	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Naphthalene	ND		27	7.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Nitrobenzene	ND		110	7.5	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
N-Nitrosodimethylamine	ND		27	4.9	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
N-Nitrosodi-n-propylamine	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
n-Nitrosodiphenylamine(as diphenylamine)	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Pentachlorophenol	ND		140	100	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		27	4.0	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Phenol	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Pyrene	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50
Pyridine	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/10/24 21:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 134*	*12/06/24 12:55*	*12/10/24 21:51*	*50*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*12/06/24 12:55*	*12/10/24 21:51*	*50*
2-Fluorophenol (Surr)	*58*		*10 - 123*	*12/06/24 12:55*	*12/10/24 21:51*	*50*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*10 - 129*	*12/06/24 12:55*	*12/10/24 21:51*	*50*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*	*12/06/24 12:55*	*12/10/24 21:51*	*50*
Phenol-d6 (Surr)	*60*		*10 - 120*	*12/06/24 12:55*	*12/10/24 21:51*	*50*

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
1-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,6-Dichlorophenol	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Chloronaphthalene	ND		0.56	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
2-Nitrophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
3-Nitroaniline	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Acenaphthene	ND		0.56	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Anthracene	ND		0.56	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.56	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzidine	ND	*- *1	5.6	0.64	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzo[b]fluoranthene	ND		0.56	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzo[g,h,i]perylene	ND		0.56	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzoic acid	ND		2.8	0.75	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Fluorene	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Hexachlorobenzene	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Hexachlorocyclopentadiene	ND		1.7	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Naphthalene	ND		0.56	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
N-Nitrosodimethylamine	ND		0.56	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
N-Nitrosodi-n-propylamine	ND		0.56	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Phenanthrene	ND		0.56	0.080	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/06/24 12:55*	*12/10/24 22:15*	*1*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*	*12/06/24 12:55*	*12/10/24 22:15*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 123*	*12/06/24 12:55*	*12/10/24 22:15*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/06/24 12:55*	*12/10/24 22:15*	*1*
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/10/24 22:15*	*1*
Phenol-d6 (Surr)	*75*		*10 - 120*	*12/06/24 12:55*	*12/10/24 22:15*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
1,4-Dichlorobenzene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4,5-Trichlorophenol	ND		0.60	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4-Dimethylphenol	ND		0.60	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,4-Dinitrotoluene	ND		0.60	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Bromophenyl phenyl ether	ND		0.60	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Chloroaniline	ND		0.60	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Acenaphthene	ND		0.60	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Acenaphthylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Anthracene	ND		0.60	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Azobenzene	ND		0.60	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzidine	ND	*- *1	6.0	0.69	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzo[a]anthracene	ND		0.60	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Chrysene	ND		0.60	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Dibenz(a,h)anthracene	ND		0.60	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Hexachlorobenzene	ND		0.60	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Isophorone	ND		0.60	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Phenanthrene	ND		0.60	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/06/24 12:55	12/10/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/06/24 12:55*	*12/10/24 22:39*	*1*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/06/24 12:55*	*12/10/24 22:39*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 123*	*12/06/24 12:55*	*12/10/24 22:39*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/06/24 12:55*	*12/10/24 22:39*	*1*
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*	*12/06/24 12:55*	*12/10/24 22:39*	*1*
Phenol-d6 (Surr)	*73*		*10 - 120*	*12/06/24 12:55*	*12/10/24 22:39*	*1*

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		53	13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
1,2-Dichlorobenzene	ND		53	8.9	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
1,3-Dichlorobenzene	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
1,4-Dichlorobenzene	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
1-Methylnaphthalene	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4,5-Trichlorophenol	ND		53	21	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4,6-Trichlorophenol	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4-Dichlorophenol	ND		53	14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4-Dimethylphenol	ND		53	14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4-Dinitrophenol	ND		210	96	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,4-Dinitrotoluene	ND		53	8.6	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,6-Dichlorophenol	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2,6-Dinitrotoluene	ND		53	9.1	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		53	9.2	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2-Chlorophenol	ND		53	14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2-Methylnaphthalene	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2-Methylphenol	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2-Nitroaniline	ND		53	9.7	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
2-Nitrophenol	ND		53	15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
3,3'-Dichlorobenzidine	ND		260	57	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
3/4-Methylphenol	ND		110	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
3-Nitroaniline	ND		53	8.9	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4,6-Dinitro-2-methylphenol	ND		260	100	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Bromophenyl phenyl ether	ND		53	7.7	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Chloro-3-methylphenol	ND		53	9.8	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Chloroaniline	ND		53	8.7	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Chlorophenyl phenyl ether	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Nitroaniline	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
4-Nitrophenol	ND		53	33	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Acenaphthene	ND		53	8.4	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Acenaphthylene	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Aniline	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Anthracene	ND		53	8.2	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Azobenzene	ND		53	8.3	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzidine	ND	*- *1	530	61	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzo[a]anthracene	ND		53	8.8	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzo[a]pyrene	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzo[b]fluoranthene	ND		53	9.0	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzo[g,h,i]perylene	ND		53	9.5	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzo[k]fluoranthene	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzoic acid	ND		260	71	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Benzyl alcohol	ND		53	18	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Bis(2-chloroethoxy)methane	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Bis(2-chloroethyl)ether	ND		260	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
bis (2-Chloroisopropyl) ether	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Bis(2-ethylhexyl) phthalate	ND		53	23	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Butyl benzyl phthalate	ND		53	25	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Chrysene	ND		53	8.8	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Dibenz(a,h)anthracene	ND		53	8.4	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Dibenzofuran	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Diethyl phthalate	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Dimethyl phthalate	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Di-n-butyl phthalate	ND		53	12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Di-n-octyl phthalate	ND		53	25	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Fluoranthene	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Fluorene	ND		53	9.9	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Hexachloro-1,3-butadiene	ND		53	13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Hexachlorobenzene	ND		53	8.5	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Hexachlorocyclopentadiene	ND		160	9.2	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Hexachloroethane	ND		53	9.7	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Indeno[1,2,3-cd]pyrene	ND		53	13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Isophorone	ND		53	8.4	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		53	15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Nitrobenzene	ND		210	14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
N-Nitrosodimethylamine	ND		53	9.4	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
N-Nitrosodi-n-propylamine	ND		53	9.1	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
n-Nitrosodiphenylamine(as diphenylamine)	ND		53	9.0	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Pentachlorophenol	ND		260	190	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Phenanthrene	ND		53	7.6	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Phenol	ND		53	10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Pyrene	ND		53	11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100
Pyridine	ND		53	25	mg/Kg	☼	12/06/24 12:55	12/10/24 23:03	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*10 - 134*	*12/06/24 12:55*	*12/10/24 23:03*	*100*
2-Fluorobiphenyl (Surr)	*0*	*S1-*	*14 - 142*	*12/06/24 12:55*	*12/10/24 23:03*	*100*
2-Fluorophenol (Surr)	*0*	*S1-*	*10 - 123*	*12/06/24 12:55*	*12/10/24 23:03*	*100*
Nitrobenzene-d5 (Surr)	*43*		*10 - 129*	*12/06/24 12:55*	*12/10/24 23:03*	*100*
p-Terphenyl-d14 (Surr)	*0*	*S1-*	*31 - 139*	*12/06/24 12:55*	*12/10/24 23:03*	*100*
Phenol-d6 (Surr)	*0*	*S1-*	*10 - 120*	*12/06/24 12:55*	*12/10/24 23:03*	*100*

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
1,2-Dichlorobenzene	ND		0.55	0.093	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
1,3-Dichlorobenzene	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
1,4-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4,5-Trichlorophenol	ND		0.55	0.22	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4-Dichlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,4-Dinitrotoluene	ND		0.55	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2,6-Dinitrotoluene	ND		0.55	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Chloronaphthalene	ND		0.55	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
3,3'-Dichlorobenzidine	ND		2.8	0.59	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.0	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4-Bromophenyl phenyl ether	ND		0.55	0.081	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4-Chloroaniline	ND		0.55	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
4-Nitrophenol	ND		0.55	0.35	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Acenaphthene	ND		0.55	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Aniline	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Anthracene	ND		0.55	0.086	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Azobenzene	ND		0.55	0.087	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzidine	ND	*- *1	5.5	0.64	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzo[a]anthracene	ND		0.55	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzo[b]fluoranthene	ND		0.55	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzo[g,h,i]perylene	ND		0.55	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzoic acid	ND		2.8	0.74	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Chrysene	ND		0.55	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Dibenz(a,h)anthracene	ND		0.55	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Di-n-octyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Hexachlorocyclopentadiene	ND		1.7	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Isophorone	ND		0.55	0.088	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
N-Nitrosodimethylamine	ND		0.55	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Pentachlorophenol	ND		2.8	2.0	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Phenanthrene	ND		0.55	0.080	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/06/24 12:55	12/10/24 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/06/24 12:55*	*12/10/24 23:28*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 12:55*	*12/10/24 23:28*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 123*	*12/06/24 12:55*	*12/10/24 23:28*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/06/24 12:55*	*12/10/24 23:28*	*1*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*	*12/06/24 12:55*	*12/10/24 23:28*	*1*
Phenol-d6 (Surr)	*77*		*10 - 120*	*12/06/24 12:55*	*12/10/24 23:28*	*1*

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
1,2-Dichlorobenzene	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2,6-Dinitrotoluene	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzidine	ND	*- *1	5.8	0.66	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Hexachlorobenzene	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Phenanthrene	ND		0.58	0.083	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/06/24 12:55	12/10/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 134*	*12/06/24 12:55*	*12/10/24 23:52*	*1*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*	*12/06/24 12:55*	*12/10/24 23:52*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 123*	*12/06/24 12:55*	*12/10/24 23:52*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/06/24 12:55*	*12/10/24 23:52*	*1*
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/10/24 23:52*	*1*
Phenol-d6 (Surr)	*71*		*10 - 120*	*12/06/24 12:55*	*12/10/24 23:52*	*1*

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		27	6.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
1,2-Dichlorobenzene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
1,3-Dichlorobenzene	ND		27	5.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
1-Methylnaphthalene	**6.7**	**J**	27	5.7	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4,5-Trichlorophenol	ND		27	11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4,6-Trichlorophenol	ND		27	6.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4-Dichlorophenol	ND		27	7.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4-Dimethylphenol	ND		27	7.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4-Dinitrophenol	ND		110	50	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,4-Dinitrotoluene	ND		27	4.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,6-Dichlorophenol	ND		27	6.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2,6-Dinitrotoluene	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Chloronaphthalene	ND		27	4.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Chlorophenol	ND		27	7.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Methylnaphthalene	**8.5**	**J**	27	5.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Methylphenol	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Nitroaniline	ND		27	5.0	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
2-Nitrophenol	ND		27	7.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
3,3'-Dichlorobenzidine	ND		140	30	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
3/4-Methylphenol	ND		55	5.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
3-Nitroaniline	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4,6-Dinitro-2-methylphenol	ND		140	52	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Bromophenyl phenyl ether	ND		27	4.0	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Chloro-3-methylphenol	ND		27	5.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Chloroaniline	ND		27	4.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Chlorophenyl phenyl ether	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Nitroaniline	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
4-Nitrophenol	ND		27	17	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Acenaphthene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Acenaphthylene	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Aniline	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Anthracene	ND		27	4.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Azobenzene	ND		27	4.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzidine	ND	*- *1	270	32	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzo[a]anthracene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzo[a]pyrene	ND		27	5.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzo[b]fluoranthene	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzo[g,h,i]perylene	ND		27	4.9	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzo[k]fluoranthene	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzoic acid	ND		140	37	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Benzyl alcohol	ND		27	9.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Bis(2-chloroethoxy)methane	ND		27	6.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Bis(2-chloroethyl)ether	ND		140	5.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
bis (2-Chloroisopropyl) ether	ND		27	6.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Bis(2-ethylhexyl) phthalate	ND		27	12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Butyl benzyl phthalate	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Chrysene	ND		27	4.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Dibenz(a,h)anthracene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Dibenzofuran	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Diethyl phthalate	ND		27	6.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Dimethyl phthalate	ND		27	5.4	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		27	6.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Di-n-octyl phthalate	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Fluoranthene	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Fluorene	ND		27	5.2	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Hexachloro-1,3-butadiene	ND		27	6.9	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Hexachlorobenzene	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Hexachlorocyclopentadiene	ND		82	4.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Hexachloroethane	ND		27	5.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Indeno[1,2,3-cd]pyrene	ND		27	6.8	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Isophorone	ND		27	4.4	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Naphthalene	ND		27	7.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Nitrobenzene	ND		110	7.5	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
N-Nitrosodimethylamine	ND		27	4.9	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
N-Nitrosodi-n-propylamine	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
n-Nitrosodiphenylamine(as diphenylamine)	ND		27	4.7	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Pentachlorophenol	ND		140	100	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Phenanthrene	ND		27	4.0	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Phenol	ND		27	5.3	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Pyrene	ND		27	5.6	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50
Pyridine	ND		27	13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 134*	*12/06/24 12:55*	*12/11/24 00:16*	*50*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 12:55*	*12/11/24 00:16*	*50*
2-Fluorophenol (Surr)	*56*		*10 - 123*	*12/06/24 12:55*	*12/11/24 00:16*	*50*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*10 - 129*	*12/06/24 12:55*	*12/11/24 00:16*	*50*
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/11/24 00:16*	*50*
Phenol-d6 (Surr)	*54*		*10 - 120*	*12/06/24 12:55*	*12/11/24 00:16*	*50*

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,4-Dinitrotoluene	ND		0.57	0.093	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2-Chloronaphthalene	ND		0.57	0.099	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
3,3'-Dichlorobenzidine	ND		2.9	0.61	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
3-Nitroaniline	ND		0.57	0.096	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Bromophenyl phenyl ether	ND		0.57	0.084	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Chlorophenyl phenyl ether	ND		0.57	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Acenaphthene	ND		0.57	0.091	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Anthracene	ND		0.57	0.089	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Azobenzene	ND		0.57	0.090	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzidine	ND	*- *1	5.7	0.66	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzo[b]fluoranthene	ND		0.57	0.097	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzoic acid	ND		2.9	0.77	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Chrysene	ND		0.57	0.095	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Di-n-octyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Hexachlorobenzene	ND		0.57	0.092	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Hexachlorocyclopentadiene	ND		1.7	0.099	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Hexachloroethane	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Isophorone	ND		0.57	0.091	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.57	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Phenanthrene	ND		0.57	0.083	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/06/24 12:55	12/11/24 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*	*12/06/24 12:55*	*12/11/24 00:40*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/06/24 12:55*	*12/11/24 00:40*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/06/24 12:55*	*12/11/24 00:40*	*1*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*	*12/06/24 12:55*	*12/11/24 00:40*	*1*
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/11/24 00:40*	*1*
Phenol-d6 (Surr)	*77*		*10 - 120*	*12/06/24 12:55*	*12/11/24 00:40*	*1*

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
1,2-Dichlorobenzene	ND		0.59	0.099	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
3-Nitroaniline	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Bromophenyl phenyl ether	ND		0.59	0.086	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Chloroaniline	ND		0.59	0.097	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.59	0.093	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Anthracene	ND		0.59	0.091	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Azobenzene	ND		0.59	0.092	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzidine	ND	*- *1	5.9	0.68	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzo[g,h,i]perylene	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzoic acid	ND		2.9	0.79	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Chrysene	ND		0.59	0.098	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Dibenz(a,h)anthracene	ND		0.59	0.094	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Hexachlorobenzene	ND		0.59	0.094	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Isophorone	ND		0.59	0.093	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
N-Nitrosodimethylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Pentachlorophenol	ND		2.9	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Phenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/06/24 12:55	12/11/24 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 134*	*12/06/24 12:55*	*12/11/24 01:04*	*1*
2-Fluorobiphenyl (Surr)	*66*		*14 - 142*	*12/06/24 12:55*	*12/11/24 01:04*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 123*	*12/06/24 12:55*	*12/11/24 01:04*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/06/24 12:55*	*12/11/24 01:04*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-18
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*70*		*31 - 139*	*12/06/24 12:55*	*12/11/24 01:04*	*1*
Phenol-d6 (Surr)	*71*		*10 - 120*	*12/06/24 12:55*	*12/11/24 01:04*	*1*

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		13	3.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
1,2-Dichlorobenzene	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
1,3-Dichlorobenzene	ND		13	2.8	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
1,4-Dichlorobenzene	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
1-Methylnaphthalene	ND		13	2.8	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4,5-Trichlorophenol	ND		13	5.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4,6-Trichlorophenol	ND		13	3.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4-Dichlorophenol	ND		13	3.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4-Dimethylphenol	ND		13	3.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4-Dinitrophenol	ND		54	24	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,4-Dinitrotoluene	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,6-Dichlorophenol	ND		13	3.0	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2,6-Dinitrotoluene	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Chloronaphthalene	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Chlorophenol	ND		13	3.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Methylnaphthalene	**3.5**	**J**	13	2.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Methylphenol	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Nitroaniline	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
2-Nitrophenol	ND		13	3.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
3,3'-Dichlorobenzidine	ND		67	14	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
3/4-Methylphenol	ND		27	2.8	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
3-Nitroaniline	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4,6-Dinitro-2-methylphenol	ND		67	25	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Bromophenyl phenyl ether	ND		13	2.0	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Chloro-3-methylphenol	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Chloroaniline	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Chlorophenyl phenyl ether	ND		13	2.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Nitroaniline	ND		13	2.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
4-Nitrophenol	ND		13	8.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Acenaphthene	ND		13	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Acenaphthylene	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Aniline	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Anthracene	ND		13	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Azobenzene	ND		13	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzidine	ND	*- *1	130	15	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzo[a]anthracene	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzo[a]pyrene	ND		13	2.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzo[b]fluoranthene	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzo[g,h,i]perylene	ND		13	2.4	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzo[k]fluoranthene	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzoic acid	ND		67	18	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Benzyl alcohol	ND		13	4.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		13	3.0	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Bis(2-chloroethyl)ether	ND		67	2.9	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
bis (2-Chloroisopropyl) ether	ND		13	3.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Bis(2-ethylhexyl) phthalate	ND		13	5.9	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Butyl benzyl phthalate	ND		13	6.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Chrysene	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Dibenz(a,h)anthracene	ND		13	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Dibenzofuran	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Diethyl phthalate	ND		13	3.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Dimethyl phthalate	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Di-n-butyl phthalate	ND		13	3.0	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Di-n-octyl phthalate	ND		13	6.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Fluoranthene	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Fluorene	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Hexachloro-1,3-butadiene	ND		13	3.4	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Hexachlorobenzene	ND		13	2.2	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Hexachlorocyclopentadiene	ND		40	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Hexachloroethane	ND		13	2.5	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Indeno[1,2,3-cd]pyrene	ND		13	3.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Isophorone	ND		13	2.1	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Naphthalene	ND		13	3.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Nitrobenzene	ND		54	3.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
N-Nitrosodimethylamine	ND		13	2.4	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
N-Nitrosodi-n-propylamine	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
n-Nitrosodiphenylamine(as diphenylamine)	ND		13	2.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Pentachlorophenol	ND		67	49	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Phenanthrene	ND		13	1.9	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Phenol	ND		13	2.6	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Pyrene	ND		13	2.7	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25
Pyridine	ND		13	6.3	mg/Kg	☼	12/06/24 12:55	12/11/24 01:28	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 134*	*12/06/24 12:55*	*12/11/24 01:28*	*25*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/06/24 12:55*	*12/11/24 01:28*	*25*
2-Fluorophenol (Surr)	*56*		*10 - 123*	*12/06/24 12:55*	*12/11/24 01:28*	*25*
Nitrobenzene-d5 (Surr)	*54*		*10 - 129*	*12/06/24 12:55*	*12/11/24 01:28*	*25*
p-Terphenyl-d14 (Surr)	*73*		*31 - 139*	*12/06/24 12:55*	*12/11/24 01:28*	*25*
Phenol-d6 (Surr)	*57*		*10 - 120*	*12/06/24 12:55*	*12/11/24 01:28*	*25*

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
1,2-Dichlorobenzene	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,4-Dimethylphenol	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,4-Dinitrotoluene	ND		0.56	0.091	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2,6-Dinitrotoluene	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Chloroaniline	ND		0.56	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzidine	ND		5.6	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzo[a]anthracene	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzoic acid	ND		2.8	0.75	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.24	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Chrysene	ND		0.56	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Dibenz(a,h)anthracene	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1
Pyridine	ND		0.56	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 134*	*12/06/24 13:15*	*12/10/24 15:36*	*1*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/06/24 13:15*	*12/10/24 15:36*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 123*	*12/06/24 13:15*	*12/10/24 15:36*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/06/24 13:15*	*12/10/24 15:36*	*1*
p-Terphenyl-d14 (Surr)	*80*		*31 - 139*	*12/06/24 13:15*	*12/10/24 15:36*	*1*
Phenol-d6 (Surr)	*84*		*10 - 120*	*12/06/24 13:15*	*12/10/24 15:36*	*1*

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
1,2-Dichlorobenzene	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		3.0	0.64	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
3-Nitroaniline	ND		0.59	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Bromophenyl phenyl ether	ND		0.59	0.087	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Chloroaniline	ND		0.59	0.098	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Acenaphthene	ND		0.59	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Anthracene	ND		0.59	0.092	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Azobenzene	ND		0.59	0.093	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzidine	ND		5.9	0.68	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzo[a]anthracene	ND		0.59	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzo[g,h,i]perylene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Chrysene	ND		0.59	0.099	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Dibenz(a,h)anthracene	ND		0.59	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Di-n-octyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Hexachlorobenzene	ND		0.59	0.095	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Isophorone	ND		0.59	0.094	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
N-Nitrosodimethylamine	ND		0.59	0.11	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.59	0.086	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Phenol	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/06/24 13:15	12/10/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 134*	*12/06/24 13:15*	*12/10/24 15:59*	*1*
2-Fluorobiphenyl (Surr)	*68*		*14 - 142*	*12/06/24 13:15*	*12/10/24 15:59*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 123*	*12/06/24 13:15*	*12/10/24 15:59*	*1*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/06/24 13:15*	*12/10/24 15:59*	*1*
p-Terphenyl-d14 (Surr)	*79*		*31 - 139*	*12/06/24 13:15*	*12/10/24 15:59*	*1*
Phenol-d6 (Surr)	*82*		*10 - 120*	*12/06/24 13:15*	*12/10/24 15:59*	*1*

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.79	ug/L		12/06/24 05:03	12/09/24 21:35	1
1,2-Dichlorobenzene	ND		10	0.61	ug/L		12/06/24 05:03	12/09/24 21:35	1
1,3-Dichlorobenzene	ND		10	0.78	ug/L		12/06/24 05:03	12/09/24 21:35	1
1,4-Dichlorobenzene	ND		10	0.72	ug/L		12/06/24 05:03	12/09/24 21:35	1
1-Methylnaphthalene	ND		10	0.98	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4-Dimethylphenol	ND		10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4-Dinitrophenol	ND		52	13	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,4-Dinitrotoluene	ND	*1	10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,6-Dichlorophenol	ND		10	1.6	ug/L		12/06/24 05:03	12/09/24 21:35	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Chloronaphthalene	ND		10	0.72	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Chlorophenol	ND		10	0.98	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Methylnaphthalene	ND		10	0.90	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Methylphenol	ND		10	0.82	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Nitroaniline	ND		10	1.4	ug/L		12/06/24 05:03	12/09/24 21:35	1
2-Nitrophenol	ND	*1	10	2.4	ug/L		12/06/24 05:03	12/09/24 21:35	1
3,3'-Dichlorobenzidine	ND	*1	10	2.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
3/4-Methylphenol	ND		10	0.78	ug/L		12/06/24 05:03	12/09/24 21:35	1
3-Nitroaniline	ND		10	1.9	ug/L		12/06/24 05:03	12/09/24 21:35	1
4,6-Dinitro-2-methylphenol	ND		52	12	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Bromophenyl phenyl ether	ND	*1	10	1.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Chloroaniline	ND	*1	10	0.95	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Chlorophenyl phenyl ether	ND	*1	10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Nitroaniline	ND		10	2.8	ug/L		12/06/24 05:03	12/09/24 21:35	1
4-Nitrophenol	ND		10	3.8	ug/L		12/06/24 05:03	12/09/24 21:35	1
Acenaphthene	ND	*1	10	0.93	ug/L		12/06/24 05:03	12/09/24 21:35	1
Acenaphthylene	ND	*1	10	0.89	ug/L		12/06/24 05:03	12/09/24 21:35	1
Aniline	ND	*1	10	0.81	ug/L		12/06/24 05:03	12/09/24 21:35	1
Anthracene	ND		10	1.0	ug/L		12/06/24 05:03	12/09/24 21:35	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND	*1	10	0.76	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzidine	ND	*1	52	12	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzo[a]anthracene	ND	*1	10	1.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzo[b]fluoranthene	ND		10	1.8	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzo[g,h,i]perylene	ND	*1	10	1.9	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzo[k]fluoranthene	ND		10	1.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzoic acid	ND	*1	52	15	ug/L		12/06/24 05:03	12/09/24 21:35	1
Benzyl alcohol	ND		10	2.6	ug/L		12/06/24 05:03	12/09/24 21:35	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/06/24 05:03	12/09/24 21:35	1
Bis(2-chloroethyl)ether	ND		26	7.9	ug/L		12/06/24 05:03	12/09/24 21:35	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Bis(2-ethylhexyl) phthalate	ND	*1	10	5.0	ug/L		12/06/24 05:03	12/09/24 21:35	1
Butyl benzyl phthalate	ND		10	4.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
Chrysene	ND	*1	10	1.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
Dibenz(a,h)anthracene	ND	*1	10	1.9	ug/L		12/06/24 05:03	12/09/24 21:35	1
Dibenzofuran	ND	*1	10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
Diethyl phthalate	ND	*1	10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Dimethyl phthalate	ND		10	0.96	ug/L		12/06/24 05:03	12/09/24 21:35	1
Di-n-butyl phthalate	ND	*1	10	1.4	ug/L		12/06/24 05:03	12/09/24 21:35	1
Di-n-octyl phthalate	ND	*1	10	4.7	ug/L		12/06/24 05:03	12/09/24 21:35	1
Fluoranthene	ND	*1	10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Fluorene	ND		10	0.96	ug/L		12/06/24 05:03	12/09/24 21:35	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
Hexachlorobenzene	ND		10	0.92	ug/L		12/06/24 05:03	12/09/24 21:35	1
Hexachlorocyclopentadiene	ND		26	3.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
Hexachloroethane	ND		10	0.91	ug/L		12/06/24 05:03	12/09/24 21:35	1
Indeno[1,2,3-cd]pyrene	ND		10	3.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Isophorone	ND	*1	10	1.5	ug/L		12/06/24 05:03	12/09/24 21:35	1
Naphthalene	ND		10	3.7	ug/L		12/06/24 05:03	12/09/24 21:35	1
Nitrobenzene	ND		26	7.7	ug/L		12/06/24 05:03	12/09/24 21:35	1
N-Nitrosodimethylamine	ND		10	0.76	ug/L		12/06/24 05:03	12/09/24 21:35	1
N-Nitrosodi-n-propylamine	ND	*1	10	1.1	ug/L		12/06/24 05:03	12/09/24 21:35	1
n-Nitrosodiphenylamine(as diphenylamine)	ND	*1	10	1.3	ug/L		12/06/24 05:03	12/09/24 21:35	1
Pentachlorophenol	ND	*1	10	5.0	ug/L		12/06/24 05:03	12/09/24 21:35	1
Phenanthrene	ND	*1	10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Phenol	ND		10	0.44	ug/L		12/06/24 05:03	12/09/24 21:35	1
Pyrene	ND		10	1.2	ug/L		12/06/24 05:03	12/09/24 21:35	1
Pyridine	ND	*- *1	10	1.5	ug/L		12/06/24 05:03	12/09/24 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*27 - 140*	*12/06/24 05:03*	*12/09/24 21:35*	*1*
2-Fluorobiphenyl (Surr)	*80*		*28 - 120*	*12/06/24 05:03*	*12/09/24 21:35*	*1*
2-Fluorophenol (Surr)	*42*		*20 - 120*	*12/06/24 05:03*	*12/09/24 21:35*	*1*
Nitrobenzene-d5 (Surr)	*98*		*31 - 120*	*12/06/24 05:03*	*12/09/24 21:35*	*1*
p-Terphenyl-d14 (Surr)	*91*		*45 - 136*	*12/06/24 05:03*	*12/09/24 21:35*	*1*
Phenol-d6 (Surr)	*26*		*20 - 120*	*12/06/24 05:03*	*12/09/24 21:35*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/06/24 10:51	12/10/24 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/06/24 10:51*	*12/10/24 17:20*	*1*

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/06/24 10:51	12/10/24 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/06/24 10:51*	*12/10/24 17:45*	*1*

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.050	mg/Kg	☼	12/06/24 10:51	12/10/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*42 - 126*	*12/06/24 10:51*	*12/10/24 18:09*	*1*

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.045	mg/Kg	☼	12/06/24 10:51	12/10/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/06/24 10:51*	*12/10/24 18:33*	*1*

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg	☼	12/06/24 10:51	12/10/24 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/06/24 10:51*	*12/10/24 18:57*	*1*

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg	☼	12/06/24 10:51	12/10/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/06/24 10:51*	*12/10/24 19:21*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg	☼	12/06/24 10:51	12/10/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/06/24 10:51*	*12/10/24 20:23*	*1*

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/06/24 10:51	12/10/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/06/24 10:51*	*12/10/24 20:47*	*1*

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/06/24 10:51	12/10/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/06/24 10:51*	*12/10/24 21:11*	*1*

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**1300**		51	22	mg/Kg	☼	12/06/24 10:51	12/11/24 17:49	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*42 - 126*	*12/06/24 10:51*	*12/11/24 17:49*	*500*

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/06/24 10:51	12/10/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*42 - 126*	*12/06/24 10:51*	*12/10/24 21:36*	*1*

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/06/24 10:51	12/10/24 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*12/06/24 10:51*	*12/10/24 22:00*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	9.0		0.10	0.046	mg/Kg	☼	12/06/24 10:51	12/10/24 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*271*	*S1+*	*42 - 126*	*12/06/24 10:51*	*12/10/24 22:24*	*1*

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.046	J	0.094	0.042	mg/Kg	☼	12/06/24 10:51	12/11/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/06/24 10:51*	*12/11/24 16:10*	*1*

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.045	mg/Kg	☼	12/06/24 10:51	12/10/24 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*12/06/24 10:51*	*12/10/24 23:12*	*1*

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	10	E	0.094	0.042	mg/Kg	☼	12/06/24 10:51	12/11/24 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*276*	*S1+*	*42 - 126*	*12/06/24 10:51*	*12/11/24 16:34*	*1*

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	4.5		0.11	0.050	mg/Kg	☼	12/06/24 10:51	12/10/24 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*42 - 126*	*12/06/24 10:51*	*12/10/24 23:36*	*1*

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/06/24 10:51	12/11/24 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*	*12/06/24 10:51*	*12/11/24 00:00*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	120		4.7	2.1	mg/Kg	☼	12/06/24 10:51	12/11/24 09:35	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*42 - 126*	*12/06/24 10:51*	*12/11/24 09:35*	*50*

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.054	J	0.095	0.042	mg/Kg	☼	12/06/24 10:51	12/11/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/06/24 10:51*	*12/11/24 02:48*	*1*

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/06/24 10:52	12/11/24 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/06/24 10:52*	*12/11/24 03:12*	*1*

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*20 - 144*		*12/10/24 01:19*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 08:13	1
C23-C40	**12**		5.4	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*12/06/24 15:17*	*12/09/24 08:13*	*1*

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 08:35	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*60 - 138*	*12/06/24 15:17*	*12/09/24 08:35*	*1*

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.1	mg/Kg	☼	12/06/24 15:17	12/09/24 02:26	1
C23-C40	ND		5.6	5.1	mg/Kg	☼	12/06/24 15:17	12/09/24 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*60 - 138*	*12/06/24 15:17*	*12/09/24 02:26*	*1*

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**12**		5.5	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 02:47	1
C23-C40	**86**		5.5	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*12/06/24 15:17*	*12/09/24 02:47*	*1*

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 03:09	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*60 - 138*	*12/06/24 15:17*	*12/09/24 03:09*	*1*

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.2	mg/Kg	☼	12/06/24 15:17	12/09/24 03:30	1
C23-C40	ND		5.7	5.2	mg/Kg	☼	12/06/24 15:17	12/09/24 03:30	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	101		60 - 138	12/06/24 15:17	12/09/24 03:30	1

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 03:51	1
C23-C40	**18**		5.5	5.0	mg/Kg	☼	12/06/24 15:17	12/09/24 03:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	107		60 - 138	12/06/24 15:17	12/09/24 03:51	1

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.2	mg/Kg	☼	12/06/24 15:17	12/09/24 04:13	1
C23-C40	ND		5.6	5.2	mg/Kg	☼	12/06/24 15:17	12/09/24 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	104		60 - 138	12/06/24 15:17	12/09/24 04:13	1

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 04:34	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/06/24 15:17	12/09/24 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	104		60 - 138	12/06/24 15:17	12/09/24 04:34	1

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**2700**		54	49	mg/Kg	☼	12/06/24 15:17	12/09/24 04:55	10
C23-C40	**4500**		54	49	mg/Kg	☼	12/06/24 15:17	12/09/24 04:55	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	137		60 - 138	12/06/24 15:17	12/09/24 04:55	10

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.1	mg/Kg	☼	12/06/24 15:17	12/09/24 05:17	1
C23-C40	ND		5.6	5.1	mg/Kg	☼	12/06/24 15:17	12/09/24 05:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	103		60 - 138	12/06/24 15:17	12/09/24 05:17	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.9	5.4	mg/Kg	☼	12/07/24 16:31	12/09/24 18:01	1
C23-C40	ND		5.9	5.4	mg/Kg	☼	12/07/24 16:31	12/09/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*60 - 138*	*12/07/24 16:31*	*12/09/24 18:01*	*1*

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**9000**		260	240	mg/Kg	☼	12/07/24 16:31	12/09/24 18:23	50
C23-C40	**14000**		260	240	mg/Kg	☼	12/07/24 16:31	12/09/24 18:23	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*149*	*S1+*	*60 - 138*	*12/07/24 16:31*	*12/09/24 18:23*	*50*

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/07/24 16:31	12/09/24 18:45	1
C23-C40	**12**		5.5	5.0	mg/Kg	☼	12/07/24 16:31	12/09/24 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*12/07/24 16:31*	*12/09/24 18:45*	*1*

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.3	mg/Kg	☼	12/07/24 16:31	12/09/24 19:06	1
C23-C40	**5.4**	**J**	5.7	5.3	mg/Kg	☼	12/07/24 16:31	12/09/24 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*12/07/24 16:31*	*12/09/24 19:06*	*1*

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**4400**		54	49	mg/Kg	☼	12/07/24 16:31	12/09/24 19:28	10
C23-C40	**5900**		54	49	mg/Kg	☼	12/07/24 16:31	12/09/24 19:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*120*		*60 - 138*	*12/07/24 16:31*	*12/09/24 19:28*	*10*

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**110**		5.6	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 19:50	1
C23-C40	**150**		5.6	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 19:50	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	107		60 - 138	12/07/24 16:31	12/09/24 19:50	1

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 20:12	1
C23-C40	ND		5.7	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	109		60 - 138	12/07/24 16:31	12/09/24 20:12	1

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**3900**		52	47	mg/Kg	☼	12/07/24 16:31	12/09/24 20:34	10
C23-C40	**5000**		52	47	mg/Kg	☼	12/07/24 16:31	12/09/24 20:34	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	119		60 - 138	12/07/24 16:31	12/09/24 20:34	10

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	5.0	mg/Kg	☼	12/07/24 16:31	12/09/24 20:56	1
C23-C40	**5.7**		5.4	5.0	mg/Kg	☼	12/07/24 16:31	12/09/24 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	107		60 - 138	12/07/24 16:31	12/09/24 20:56	1

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.7	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 21:17	1
C23-C40	ND		5.7	5.2	mg/Kg	☼	12/07/24 16:31	12/09/24 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	109		60 - 138	12/07/24 16:31	12/09/24 21:17	1

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		46	39	ug/L		12/06/24 18:12	12/09/24 00:12	1
C23-C40	ND		46	39	ug/L		12/06/24 18:12	12/09/24 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	93		53 - 151	12/06/24 18:12	12/09/24 00:12	1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.9	6.15	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Arsenic	**3.56**		3.26	2.11	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Barium	**71.7**		2.17	0.321	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Beryllium	**0.456**		0.435	0.102	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Cadmium	ND		0.435	0.166	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Chromium	**11.7**		1.09	0.577	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Cobalt	**4.74**		2.17	0.463	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Copper	**9.54**		2.17	0.618	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Lead	**4.15**		2.17	1.44	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Molybdenum	ND		4.35	1.07	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Nickel	**9.35**		2.17	1.23	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Selenium	ND		3.26	1.70	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Silver	ND		2.17	0.462	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Thallium	ND		10.9	3.10	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Vanadium	**24.3**		4.35	0.952	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2
Zinc	**28.2**		4.35	1.77	mg/Kg	☼	12/09/24 11:51	12/10/24 23:33	2

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.73	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Arsenic	**4.56**		3.57	2.31	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Barium	**107**		2.38	0.351	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Beryllium	**0.689**		0.475	0.112	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Cadmium	ND		0.475	0.182	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Chromium	**22.7**		1.19	0.631	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Cobalt	**6.54**		2.38	0.506	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Copper	**10.5**		2.38	0.676	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Lead	**7.58**		2.38	1.57	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Molybdenum	ND		4.75	1.16	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Nickel	**14.2**		2.38	1.35	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Selenium	ND		3.57	1.86	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Silver	ND		2.38	0.505	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Thallium	ND		11.9	3.39	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Vanadium	**36.3**		4.75	1.04	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2
Zinc	**41.2**		4.75	1.94	mg/Kg	☼	12/09/24 11:51	12/10/24 23:42	2

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.36	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Arsenic	**3.46**		3.37	2.18	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Barium	**95.5**		2.25	0.331	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Beryllium	**0.674**		0.449	0.106	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Cadmium	ND		0.449	0.172	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Chromium	**23.9**		1.12	0.597	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Cobalt	**8.74**		2.25	0.479	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Copper	**15.4**		2.25	0.639	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.10**		2.25	1.49	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Molybdenum	ND		4.49	1.10	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Nickel	**17.0**		2.25	1.28	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Selenium	ND		3.37	1.76	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Silver	ND		2.25	0.478	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Thallium	ND		11.2	3.21	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Vanadium	**46.9**		4.49	0.984	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2
Zinc	**57.3**		4.49	1.83	mg/Kg	☼	12/09/24 11:51	12/10/24 23:44	2

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.7	6.03	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Arsenic	**3.35**		3.20	2.07	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Barium	**86.9**		2.13	0.315	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Beryllium	**0.469**		0.427	0.100	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Cadmium	ND		0.427	0.163	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Chromium	**19.0**		1.07	0.566	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Cobalt	**7.12**		2.13	0.454	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Copper	**13.2**		2.13	0.607	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Lead	**6.40**		2.13	1.41	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Molybdenum	ND		4.27	1.05	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Nickel	**10.4**		2.13	1.21	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Selenium	ND		3.20	1.67	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Silver	ND		2.13	0.453	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Thallium	ND		10.7	3.05	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Vanadium	**34.4**		4.27	0.934	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2
Zinc	**116**		4.27	1.74	mg/Kg	☼	12/09/24 11:51	12/10/24 23:46	2

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.93	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Arsenic	**4.95**		3.14	2.03	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Barium	**55.8**		2.10	0.309	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Beryllium	**0.817**		0.419	0.0985	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Cadmium	ND		0.419	0.160	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Chromium	**25.2**		1.05	0.556	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Cobalt	**11.2**		2.10	0.446	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Copper	**11.8**		2.10	0.596	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Lead	**7.92**		2.10	1.39	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Molybdenum	ND		4.19	1.03	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Nickel	**18.4**		2.10	1.19	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Selenium	ND		3.14	1.64	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Silver	ND		2.10	0.445	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Thallium	ND		10.5	2.99	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Vanadium	**40.0**		4.19	0.918	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2
Zinc	**43.3**		4.19	1.71	mg/Kg	☼	12/09/24 11:51	12/10/24 23:49	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.7	6.62	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Arsenic	**4.91**		3.51	2.27	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Barium	**95.7**		2.34	0.345	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Beryllium	**0.678**		0.468	0.110	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Cadmium	ND		0.468	0.179	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Chromium	**23.5**		1.17	0.621	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Cobalt	**9.54**		2.34	0.498	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Copper	**16.1**		2.34	0.665	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Lead	**6.85**		2.34	1.55	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Molybdenum	ND		4.68	1.15	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Nickel	**16.7**		2.34	1.33	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Selenium	ND		3.51	1.83	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Silver	ND		2.34	0.497	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Thallium	ND		11.7	3.34	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Vanadium	**45.2**		4.68	1.02	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2
Zinc	**60.7**		4.68	1.91	mg/Kg	☼	12/09/24 11:51	12/10/24 23:51	2

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.46	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Arsenic	**4.31**		3.42	2.21	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Barium	**93.8**		2.28	0.337	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Beryllium	**0.525**		0.456	0.107	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Cadmium	ND		0.456	0.175	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Chromium	**20.0**		1.14	0.606	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Cobalt	**7.33**		2.28	0.486	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Copper	**14.4**		2.28	0.649	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Lead	**6.18**		2.28	1.51	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Nickel	**14.4**		2.28	1.30	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Selenium	ND		3.42	1.79	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Silver	ND		2.28	0.485	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Thallium	ND		11.4	3.26	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Vanadium	**39.8**		4.56	1.00	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2
Zinc	**53.9**		4.56	1.86	mg/Kg	☼	12/09/24 11:51	12/10/24 23:58	2

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.22	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Arsenic	**4.14**		3.30	2.13	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Barium	**42.3**		2.20	0.324	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Beryllium	**0.814**		0.440	0.103	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Cadmium	ND		0.440	0.168	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Chromium	**24.7**		1.10	0.584	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Cobalt	**8.54**		2.20	0.469	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Copper	**11.8**		2.20	0.626	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.80**		2.20	1.46	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Molybdenum	ND		4.40	1.08	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Nickel	**16.1**		2.20	1.25	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Selenium	ND		3.30	1.72	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Silver	ND		2.20	0.467	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Thallium	ND		11.0	3.14	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Vanadium	**31.9**		4.40	0.964	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2
Zinc	**42.4**		4.40	1.80	mg/Kg	☼	12/09/24 11:51	12/11/24 00:00	2

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	6.69	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Arsenic	**3.12**	**J**	3.55	2.30	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Barium	**121**		2.37	0.349	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Beryllium	**0.805**		0.473	0.111	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Cadmium	ND		0.473	0.181	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Chromium	**25.8**		1.18	0.628	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Cobalt	**11.0**		2.37	0.504	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Copper	**21.7**		2.37	0.673	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Lead	**8.90**		2.37	1.57	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Molybdenum	ND		4.73	1.16	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Nickel	**18.5**		2.37	1.34	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Selenium	ND		3.55	1.85	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Silver	ND		2.37	0.503	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Thallium	ND		11.8	3.38	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Vanadium	**48.6**		4.73	1.04	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2
Zinc	**78.4**		4.73	1.93	mg/Kg	☼	12/09/24 11:51	12/11/24 00:03	2

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.96	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Arsenic	**5.94**		3.16	2.04	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Barium	**101**		2.11	0.311	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Beryllium	**0.400**	**J**	0.421	0.0990	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Cadmium	ND		0.421	0.161	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Chromium	**15.9**		1.05	0.559	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Cobalt	**6.09**		2.11	0.449	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Copper	**13.9**		2.11	0.599	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Lead	**7.42**		2.11	1.39	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Molybdenum	ND		4.21	1.03	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Nickel	**15.5**		2.11	1.20	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Selenium	ND		3.16	1.65	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Silver	ND		2.11	0.448	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Thallium	ND		10.5	3.01	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Vanadium	**32.5**		4.21	0.923	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2
Zinc	**56.6**		4.21	1.72	mg/Kg	☼	12/09/24 11:51	12/11/24 00:05	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.2	6.34	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Arsenic	**6.03**		3.36	2.17	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Barium	**105**		2.24	0.331	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Beryllium	**0.739**		0.448	0.105	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Cadmium	ND		0.448	0.171	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Chromium	**22.2**		1.12	0.595	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Cobalt	**8.83**		2.24	0.477	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Copper	**14.1**		2.24	0.637	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Lead	**7.15**		2.24	1.48	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Molybdenum	ND		4.48	1.10	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Nickel	**16.2**		2.24	1.27	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Selenium	ND		3.36	1.75	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Silver	ND		2.24	0.476	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Thallium	ND		11.2	3.20	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Vanadium	**41.9**		4.48	0.981	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2
Zinc	**49.4**		4.48	1.83	mg/Kg	☼	12/09/24 11:51	12/11/24 00:07	2

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.26	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Arsenic	**8.41**		3.32	2.15	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Barium	**103**		2.21	0.326	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Beryllium	**0.620**		0.443	0.104	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Cadmium	**0.199**	**J**	0.443	0.169	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Chromium	**20.0**		1.11	0.588	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Cobalt	**8.92**		2.21	0.471	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Copper	**16.1**		2.21	0.630	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Lead	**7.33**		2.21	1.46	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Molybdenum	ND		4.43	1.08	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Nickel	**15.0**		2.21	1.26	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Selenium	ND		3.32	1.73	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Silver	ND		2.21	0.470	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Thallium	ND		11.1	3.16	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Vanadium	**39.3**		4.43	0.969	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2
Zinc	**52.2**		4.43	1.81	mg/Kg	☼	12/09/24 11:51	12/11/24 00:09	2

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.93	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Arsenic	**12.5**		3.15	2.03	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Barium	**233**		2.10	0.309	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Beryllium	**0.273**	**J**	0.419	0.0985	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Cadmium	**0.210**	**J**	0.419	0.160	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Chromium	**12.0**		1.05	0.557	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Cobalt	**4.78**		2.10	0.447	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Copper	**30.9**		2.10	0.597	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.10**		2.10	1.39	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Molybdenum	ND		4.19	1.03	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Nickel	**22.8**		2.10	1.19	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Selenium	ND		3.15	1.64	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Silver	ND		2.10	0.446	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Thallium	ND		10.5	2.99	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Vanadium	**24.0**		4.19	0.918	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2
Zinc	**119**		4.19	1.71	mg/Kg	☼	12/09/24 11:51	12/11/24 00:12	2

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.45	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Arsenic	**3.99**		3.42	2.21	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Barium	**105**		2.28	0.336	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Beryllium	**0.662**		0.456	0.107	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Cadmium	ND		0.456	0.175	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Chromium	**20.2**		1.14	0.606	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Cobalt	**8.92**		2.28	0.486	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Copper	**11.8**		2.28	0.649	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Lead	**6.14**		2.28	1.51	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Molybdenum	ND		4.56	1.12	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Nickel	**13.6**		2.28	1.30	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Selenium	ND		3.42	1.79	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Silver	ND		2.28	0.485	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Thallium	ND		11.4	3.26	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Vanadium	**41.4**		4.56	0.999	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2
Zinc	**42.8**		4.56	1.86	mg/Kg	☼	12/09/24 11:51	12/11/24 00:14	2

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.73	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Arsenic	**3.33**	**J**	3.57	2.31	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Barium	**82.9**		2.38	0.351	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Beryllium	**0.642**		0.476	0.112	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Cadmium	ND		0.476	0.182	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Chromium	**21.3**		1.19	0.631	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Cobalt	**8.70**		2.38	0.506	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Copper	**16.1**		2.38	0.676	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Lead	**6.71**		2.38	1.57	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Molybdenum	ND		4.76	1.17	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Nickel	**15.6**		2.38	1.35	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Selenium	ND		3.57	1.86	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Silver	ND		2.38	0.505	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Thallium	ND		11.9	3.40	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Vanadium	**43.9**		4.76	1.04	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2
Zinc	**60.6**		4.76	1.94	mg/Kg	☼	12/09/24 11:51	12/11/24 00:16	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.9	6.17	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Arsenic	**8.02**		3.27	2.12	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Barium	**112**		2.18	0.322	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Beryllium	**0.414**	**J**	0.436	0.102	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Cadmium	ND		0.436	0.167	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Chromium	**16.2**		1.09	0.579	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Cobalt	**7.48**		2.18	0.464	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Copper	**13.0**		2.18	0.620	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Lead	**9.27**		2.18	1.44	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Molybdenum	ND		4.36	1.07	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Nickel	**14.1**		2.18	1.24	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Selenium	ND		3.27	1.71	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Silver	ND		2.18	0.463	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Thallium	ND		10.9	3.11	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Vanadium	**31.6**		4.36	0.955	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2
Zinc	**48.3**		4.36	1.78	mg/Kg	☼	12/09/24 11:51	12/11/24 00:19	2

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.6	6.00	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Arsenic	**6.08**		3.18	2.06	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Barium	**111**		2.12	0.313	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Beryllium	**0.996**		0.424	0.0996	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Cadmium	ND		0.424	0.162	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Chromium	**28.7**		1.06	0.563	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Cobalt	**22.5**		2.12	0.452	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Copper	**14.2**		2.12	0.603	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Lead	**10.3**		2.12	1.40	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Molybdenum	ND		4.24	1.04	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Nickel	**21.8**		2.12	1.20	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Selenium	ND		3.18	1.66	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Silver	ND		2.12	0.451	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Thallium	ND		10.6	3.03	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Vanadium	**44.8**		4.24	0.929	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2
Zinc	**58.0**		4.24	1.73	mg/Kg	☼	12/09/24 11:51	12/11/24 00:44	2

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.9	6.71	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Arsenic	**5.67**		3.56	2.30	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Barium	**93.7**		2.37	0.350	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Beryllium	**0.735**		0.474	0.111	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Cadmium	ND		0.474	0.181	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Chromium	**23.4**		1.19	0.629	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Cobalt	**11.6**		2.37	0.505	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Copper	**17.2**		2.37	0.674	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.34**		2.37	1.57	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Molybdenum	ND		4.74	1.16	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Nickel	**15.9**		2.37	1.35	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Selenium	ND		3.56	1.86	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Silver	ND		2.37	0.504	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Thallium	ND		11.9	3.39	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Vanadium	**45.7**		4.74	1.04	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2
Zinc	**68.4**		4.74	1.93	mg/Kg	☼	12/09/24 11:51	12/11/24 00:46	2

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.94	5.62	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Arsenic	**4.59**		2.98	1.93	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Barium	**83.2**		1.99	0.293	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Beryllium	**0.358**	**J**	0.398	0.0934	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Cadmium	ND		0.398	0.152	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Chromium	**15.4**		0.994	0.528	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Cobalt	**4.61**		1.99	0.423	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Copper	**14.8**		1.99	0.566	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Lead	**8.15**		1.99	1.31	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Molybdenum	ND		3.98	0.974	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Nickel	**10.3**		1.99	1.13	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Selenium	ND		2.98	1.56	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Silver	ND		1.99	0.422	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Thallium	ND		9.94	2.84	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Vanadium	**31.4**		3.98	0.871	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2
Zinc	**40.9**		3.98	1.62	mg/Kg	☼	12/09/24 11:51	12/11/24 01:02	2

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.4	5.90	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Arsenic	**3.84**		3.13	2.02	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Barium	**88.9**		2.09	0.308	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Beryllium	**0.563**		0.417	0.0980	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Cadmium	ND		0.417	0.160	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Chromium	**20.1**		1.04	0.554	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Cobalt	**7.03**		2.09	0.444	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Copper	**13.3**		2.09	0.593	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Lead	**5.28**		2.09	1.38	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Molybdenum	ND		4.17	1.02	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Nickel	**14.5**		2.09	1.18	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Selenium	ND		3.13	1.63	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Silver	ND		2.09	0.443	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Thallium	ND		10.4	2.98	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Vanadium	**38.8**		4.17	0.913	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2
Zinc	**42.2**		4.17	1.70	mg/Kg	☼	12/09/24 11:51	12/11/24 01:05	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.4	7.00	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Arsenic	**8.63**		3.71	2.40	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Barium	**88.6**		2.47	0.365	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Beryllium	**0.865**		0.495	0.116	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Cadmium	ND		0.495	0.189	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Chromium	**24.5**		1.24	0.657	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Cobalt	**12.4**		2.47	0.527	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Copper	**25.7**		2.47	0.704	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Lead	**9.22**		2.47	1.64	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Molybdenum	ND		4.95	1.21	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Nickel	**22.3**		2.47	1.40	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Selenium	ND		3.71	1.94	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Silver	ND		2.47	0.525	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Thallium	ND		12.4	3.53	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Vanadium	**57.2**		4.95	1.08	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2
Zinc	**78.4**		4.95	2.02	mg/Kg	☼	12/09/24 11:48	12/10/24 15:12	2

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	2.59	ug/L		12/06/24 08:12	12/06/24 19:16	1
Arsenic	ND		100	19.9	ug/L		12/06/24 08:12	12/06/24 19:16	1
Barium	ND		10.0	1.11	ug/L		12/06/24 08:12	12/06/24 19:16	1
Beryllium	ND		10.0	1.27	ug/L		12/06/24 08:12	12/06/24 19:16	1
Cadmium	ND		10.0	0.620	ug/L		12/06/24 08:12	12/06/24 19:16	1
Cobalt	ND		50.0	0.880	ug/L		12/06/24 08:12	12/06/24 19:16	1
Chromium	ND		50.0	2.96	ug/L		12/06/24 08:12	12/06/24 19:16	1
Copper	ND		50.0	2.69	ug/L		12/06/24 08:12	12/06/24 19:16	1
Molybdenum	ND		50.0	3.91	ug/L		12/06/24 08:12	12/06/24 19:16	1
Nickel	ND		50.0	3.07	ug/L		12/06/24 08:12	12/06/24 19:16	1
Antimony	ND		100	25.5	ug/L		12/06/24 08:12	12/06/24 19:16	1
Selenium	ND		50.0	16.2	ug/L		12/06/24 08:12	12/06/24 19:16	1
Thallium	ND		50.0	9.96	ug/L		12/06/24 08:12	12/06/24 19:16	1
Vanadium	ND		10.0	2.39	ug/L		12/06/24 08:12	12/06/24 19:16	1
Zinc	ND		250	13.3	ug/L		12/06/24 08:12	12/06/24 19:16	1
Lead	ND		50.0	5.27	ug/L		12/06/24 08:12	12/06/24 19:16	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: SW846 7470A - Mercury (CVAA)

Client Sample ID: EB_20241205
Date Collected: 12/05/24 15:15
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-22
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:47	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0946	0.0261	mg/Kg	☼	12/06/24 14:50	12/09/24 13:22	1

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0305**	**J**	0.103	0.0284	mg/Kg	☼	12/06/24 14:50	12/09/24 13:36	1

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0977	0.0270	mg/Kg	☼	12/06/24 14:50	12/09/24 13:38	1

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0879	0.0243	mg/Kg	☼	12/06/24 14:50	12/09/24 13:40	1

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0306**	**J**	0.0969	0.0267	mg/Kg	☼	12/06/24 14:50	12/09/24 13:42	1

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0941	0.0260	mg/Kg	☼	12/06/24 14:50	12/09/24 13:44	1

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.112**		0.0901	0.0249	mg/Kg	☼	12/06/24 14:50	12/09/24 13:46	1

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.102	0.0281	mg/Kg	☼	12/06/24 14:50	12/09/24 13:48	1

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0939	0.0259	mg/Kg	☼	12/06/24 14:50	12/09/24 13:51	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862	0.0238	mg/Kg	☼	12/06/24 14:50	12/09/24 13:57	1

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0455**	**J**	0.0898	0.0248	mg/Kg	☼	12/06/24 14:50	12/09/24 13:59	1

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.101	0.0280	mg/Kg	☼	12/06/24 14:50	12/09/24 14:01	1

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0488**	**J**	0.0884	0.0244	mg/Kg	☼	12/06/24 14:50	12/09/24 14:03	1

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0334**	**J**	0.0983	0.0271	mg/Kg	☼	12/06/24 14:50	12/09/24 14:05	1

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0988	0.0273	mg/Kg	☼	12/06/24 14:50	12/09/24 14:07	1

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0936	0.0258	mg/Kg	☼	12/06/24 14:50	12/09/24 14:09	1

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0903	0.0249	mg/Kg	☼	12/06/24 14:50	12/09/24 14:11	1

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0924	0.0255	mg/Kg	☼	12/06/24 14:50	12/09/24 14:13	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0919	0.0254	mg/Kg	☼	12/06/24 14:50	12/09/24 14:15	1

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0881	0.0243	mg/Kg	☼	12/06/24 14:50	12/09/24 14:41	1

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0726**	**J**	0.0951	0.0262	mg/Kg	☼	12/06/24 15:15	12/09/24 13:14	1

General Chemistry

Client Sample ID: SB46-2.0
Date Collected: 12/05/24 08:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.25		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB46-5.0
Date Collected: 12/05/24 08:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.7		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB46-15.0
Date Collected: 12/05/24 08:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.7		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.87		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.0		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB47-15.0
Date Collected: 12/05/24 09:00
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.2		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB37-2.0
Date Collected: 12/05/24 09:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.0		0.100	0.100	%			12/08/24 10:48	1

Client Sample ID: SB37-5.0
Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.6		0.100	0.100	%			12/08/24 10:48	1

General Chemistry

Client Sample ID: SB37-15.0
Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.3		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB35-2.0
Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.77		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB35-5.0
Date Collected: 12/05/24 10:05
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.7		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB35-15.0
Date Collected: 12/05/24 10:10
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	16.1		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB33-1.5
Date Collected: 12/05/24 12:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	5.78		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB33-5.0
Date Collected: 12/05/24 12:30
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.79		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB33-15.0
Date Collected: 12/05/24 12:35
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.0		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.12		0.100	0.100	%			12/08/24 12:26	1

General Chemistry

Client Sample ID: SB31-6.0
Date Collected: 12/05/24 13:15
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.0		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB31-15.0
Date Collected: 12/05/24 13:20
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.9		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB29-2.0
Date Collected: 12/05/24 13:45
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	7.43		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB29-5.0
Date Collected: 12/05/24 13:50
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.8		0.100	0.100	%			12/08/24 12:26	1

Client Sample ID: SB29-15.0
Date Collected: 12/05/24 13:55
Date Received: 12/05/24 16:45
Lab Sample ID: 570-209746-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	15.7		0.100	0.100	%			12/08/24 12:26	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209746-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209746-1	SB46-2.0	106	96	98	99
570-209746-2	SB46-5.0	105	97	98	98
570-209746-3	SB46-15.0	109	97	98	99
570-209746-4	SB47-2.0	108	95	99	98
570-209746-5	SB47-5.0	108	95	98	99
570-209746-6	SB47-15.0	106	96	98	98
570-209746-7	SB37-2.0	103	96	95	97
570-209746-8	SB37-5.0	111	99	99	99
570-209746-9	SB37-15.0	108	98	99	97
570-209746-10	SB35-2.0	94	91	91	103
570-209746-11	SB35-5.0	99	98	96	98
570-209746-12	SB35-15.0	104	98	97	98
570-209746-13	SB33-1.5	104	97	98	111
570-209746-14	SB33-5.0	107	99	106	106
570-209746-15	SB33-15.0	103	98	101	104
570-209746-17	SB31-6.0	104	92	103	103
570-209746-18	SB31-15.0	105	103	100	104
570-209746-19	SB29-2.0	94	95	101	106
570-209746-20	SB29-5.0	103	98	104	105
570-209746-21	SB29-15.0	108	102	106	106
LCS 570-510793/4	Lab Control Sample	97	101	100	98
LCS 570-510795/4	Lab Control Sample	94	94	95	99
LCS 570-511491/4	Lab Control Sample	106	100	100	101
LCSD 570-510793/5	Lab Control Sample Dup	99	99	101	96
LCSD 570-510795/5	Lab Control Sample Dup	93	95	96	99
LCSD 570-511491/5	Lab Control Sample Dup	105	99	100	100
MB 570-510793/7	Method Blank	89	97	95	106
MB 570-510793/8	Method Blank	90	100	95	111
MB 570-510795/6	Method Blank	91	96	91	99
MB 570-511491/8	Method Blank	98	96	94	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-209746-22	EB_20241205	105	95	102	100
570-209746-23	TB_20241205	105	94	103	100
LCS 570-510778/1003	Lab Control Sample	101	97	102	101
LCSD 570-510778/4	Lab Control Sample Dup	105	97	101	100
MB 570-510778/7	Method Blank	103	94	99	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-209746-1	SB46-2.0	68	71	79	73	74	79
570-209746-1 MS	SB46-2.0	72	70	80	75	75	80
570-209746-1 MSD	SB46-2.0	66	65	76	73	69	75
570-209746-2	SB46-5.0	70	69	78	71	72	75
570-209746-3	SB46-15.0	54	60	63	62	61	62
570-209746-4	SB47-2.0	63	62	72	64	63	70
570-209746-5	SB47-5.0	69	70	77	71	71	77
570-209746-6	SB47-15.0	50	63	64	67	68	66
570-209746-7	SB37-2.0	75	73	81	76	74	78
570-209746-8	SB37-5.0	76	70	79	75	70	78
570-209746-9	SB37-15.0	73	69	79	74	73	76
570-209746-10	SB35-2.0	59	74	58	0 S1-	72	60
570-209746-11	SB35-5.0	72	67	75	72	70	75
570-209746-12	SB35-15.0	73	70	76	76	71	73
570-209746-13	SB33-1.5	0 S1-	0 S1-	0 S1-	43	0 S1-	0 S1-
570-209746-14	SB33-5.0	72	69	77	72	72	77
570-209746-15	SB33-15.0	68	67	72	72	70	71
570-209746-16	SB31-2.0	43	69	56	0 S1-	70	54
570-209746-17	SB31-6.0	74	68	79	73	70	77
570-209746-18	SB31-15.0	69	66	73	72	70	71
570-209746-19	SB29-2.0	55	69	56	54	73	57
570-209746-20	SB29-5.0	83	70	84	76	80	84
570-209746-21	SB29-15.0	80	68	85	77	79	82
LCS 570-510949/2-A	Lab Control Sample	74	69	80	74	71	79
LCS 570-510959/2-A	Lab Control Sample	76	86	90	86	84	95
LCSD 570-510949/3-A	Lab Control Sample Dup	73	67	80	73	71	79
LCSD 570-510959/3-A	Lab Control Sample Dup	75	87	87	90	85	92
MB 570-510949/1-A	Method Blank	77	76	82	75	76	77
MB 570-510959/1-A	Method Blank	77	83	89	91	80	85

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(27-140)	(28-120)	(20-120)	(31-120)	(45-136)	(20-120)
570-209746-22	EB_20241205	94	80	42	98	91	26
LCS 570-510363/2-A	Lab Control Sample	89	68	43	59	78	28
LCSD 570-510363/3-A	Lab Control Sample Dup	112	89	49	72	98	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TBP (27-140)	FBP (28-120)	2FP (20-120)	NBZ (31-120)	TPHd14 (45-136)	PHL6 (20-120)
MB 570-510363/1-A	Method Blank	108	80	43	75	88	24

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) FBP (22-130)	NBZ (20-145)	TPHd14 (33-147)
570-209746-1	SB46-2.0	67	73	102
570-209746-1 MS	SB46-2.0	76	74	100
570-209746-1 MSD	SB46-2.0	67	65	83
570-209746-2	SB46-5.0	75	80	118
570-209746-3	SB46-15.0	58	63	86
570-209746-4	SB47-2.0	76	75	110
570-209746-5	SB47-5.0	71	75	108
570-209746-6	SB47-15.0	63	66	97
570-209746-7	SB37-2.0	69	73	98
570-209746-8	SB37-5.0	74	80	113
570-209746-9	SB37-15.0	65	70	100
570-209746-10	SB35-2.0	111	60	124
570-209746-11	SB35-5.0	71	74	107
570-209746-12	SB35-15.0	67	73	92
570-209746-13	SB33-1.5	92	62	107
570-209746-14	SB33-5.0	79	82	111
570-209746-15	SB33-15.0	73	80	103
570-209746-16	SB31-2.0	104	44	119
570-209746-17	SB31-6.0	76	87	109
570-209746-18	SB31-15.0	66	72	95
570-209746-19	SB29-2.0	92	38	107
570-209746-20	SB29-5.0	90	95	77
570-209746-21	SB29-15.0	90	94	78
LCS 570-510948/2-A	Lab Control Sample	72	71	91
LCS 570-510957/2-A	Lab Control Sample	89	92	77
LCSD 570-510948/3-A	Lab Control Sample Dup	70	71	99
LCSD 570-510957/3-A	Lab Control Sample Dup	92	94	80
MB 570-510948/1-A	Method Blank	67	74	95
MB 570-510957/1-A	Method Blank	90	99	77

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-209746-22	EB_20241205	90	98	60
LCS 570-510534/2-A	Lab Control Sample	82	83	66
LCSD 570-510534/3-A	Lab Control Sample Dup	97	93	79
MB 570-510534/1-A	Method Blank	93	97	86

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-209746-1	SB46-2.0	71
570-209746-2	SB46-5.0	75
570-209746-3	SB46-15.0	67
570-209746-4	SB47-2.0	69
570-209746-5	SB47-5.0	75
570-209746-6	SB47-15.0	75
570-209746-7	SB37-2.0	71
570-209746-8	SB37-5.0	75
570-209746-9	SB37-15.0	73
570-209746-10	SB35-2.0	169 S1+
570-209746-11	SB35-5.0	76
570-209746-12	SB35-15.0	74
570-209746-13	SB33-1.5	271 S1+
570-209746-14	SB33-5.0	71
570-209746-15	SB33-15.0	78
570-209746-16	SB31-2.0	276 S1+
570-209746-17	SB31-6.0	212 S1+
570-209746-18	SB31-15.0	86
570-209746-19	SB29-2.0	159 S1+
570-209746-20	SB29-5.0	73
570-209746-21	SB29-15.0	75
LCS 570-512124/5	Lab Control Sample	93
LCS 570-512317/31	Lab Control Sample	92
LCS 570-512651/4	Lab Control Sample	95
LCSD 570-512124/6	Lab Control Sample Dup	92
LCSD 570-512317/32	Lab Control Sample Dup	92
LCSD 570-512651/5	Lab Control Sample Dup	93
MB 570-512124/7	Method Blank	71
MB 570-512317/33	Method Blank	71
MB 570-512317/34	Method Blank	62
MB 570-512651/6	Method Blank	69
MB 570-512651/7	Method Blank	63

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (20-144)
570-209746-22	EB_20241205	88
LCS 570-511806/32	Lab Control Sample	94
LCSD 570-511806/33	Lab Control Sample Dup	93
MB 570-511806/34	Method Blank	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-209746-1	SB46-2.0	107
570-209746-2	SB46-5.0	109
570-209746-3	SB46-15.0	103
570-209746-4	SB47-2.0	107
570-209746-5	SB47-5.0	105
570-209746-6	SB47-15.0	101
570-209746-7	SB37-2.0	107
570-209746-8	SB37-5.0	104
570-209746-9	SB37-15.0	104
570-209746-10	SB35-2.0	137
570-209746-11	SB35-5.0	103
570-209746-12	SB35-15.0	109
570-209746-12 MS	SB35-15.0	108
570-209746-12 MSD	SB35-15.0	107
570-209746-13	SB33-1.5	149 S1+
570-209746-14	SB33-5.0	107
570-209746-15	SB33-15.0	107
570-209746-16	SB31-2.0	120
570-209746-17	SB31-6.0	107
570-209746-18	SB31-15.0	109
570-209746-19	SB29-2.0	119
570-209746-20	SB29-5.0	107
570-209746-21	SB29-15.0	109
LCS 570-511025/2-A	Lab Control Sample	107
LCS 570-511348/2-A	Lab Control Sample	110
LCSD 570-511025/3-A	Lab Control Sample Dup	104
LCSD 570-511348/3-A	Lab Control Sample Dup	107
MB 570-511025/1-A	Method Blank	113
MB 570-511348/1-A	Method Blank	115

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)									
570-209746-22	EB_20241205	93									
LCS 570-511106/2-A	Lab Control Sample	92									
LCSD 570-511106/3-A	Lab Control Sample Dup	91									
MB 570-511106/1-A	Method Blank	97									

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510778/7
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/06/24 09:02	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/06/24 09:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/06/24 09:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/06/24 09:02	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/06/24 09:02	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/06/24 09:02	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 09:02	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/06/24 09:02	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/06/24 09:02	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/06/24 09:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/06/24 09:02	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/06/24 09:02	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/06/24 09:02	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/06/24 09:02	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/06/24 09:02	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/06/24 09:02	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/06/24 09:02	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/06/24 09:02	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/06/24 09:02	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/06/24 09:02	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/06/24 09:02	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/06/24 09:02	1
2-Hexanone	ND		10	2.7	ug/L			12/06/24 09:02	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/06/24 09:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/06/24 09:02	1
Acetone	ND		10	7.4	ug/L			12/06/24 09:02	1
Benzene	ND		0.50	0.24	ug/L			12/06/24 09:02	1
Bromobenzene	ND		1.0	0.29	ug/L			12/06/24 09:02	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/06/24 09:02	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/06/24 09:02	1
Bromoform	ND		5.0	1.9	ug/L			12/06/24 09:02	1
Bromomethane	ND		25	7.4	ug/L			12/06/24 09:02	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/06/24 09:02	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/06/24 09:02	1
Carbon disulfide	ND		10	0.42	ug/L			12/06/24 09:02	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/06/24 09:02	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/06/24 09:02	1
Chloroethane	ND		5.0	1.9	ug/L			12/06/24 09:02	1
Chloroform	ND		1.0	0.32	ug/L			12/06/24 09:02	1
Chloromethane	ND		10	2.2	ug/L			12/06/24 09:02	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/06/24 09:02	1
Dibromomethane	ND		1.0	0.33	ug/L			12/06/24 09:02	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/06/24 09:02	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/06/24 09:02	1
Ethanol	ND		100	52	ug/L			12/06/24 09:02	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/06/24 09:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510778/7
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/06/24 09:02	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/06/24 09:02	1
Methylene Chloride	ND		10	3.0	ug/L			12/06/24 09:02	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/06/24 09:02	1
Naphthalene	ND		10	4.9	ug/L			12/06/24 09:02	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/06/24 09:02	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/06/24 09:02	1
o-Xylene	ND		1.0	0.27	ug/L			12/06/24 09:02	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/06/24 09:02	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/06/24 09:02	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/06/24 09:02	1
Styrene	ND		1.0	0.38	ug/L			12/06/24 09:02	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/06/24 09:02	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/06/24 09:02	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/06/24 09:02	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/06/24 09:02	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/06/24 09:02	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/06/24 09:02	1
Toluene	ND		1.0	0.30	ug/L			12/06/24 09:02	1
Trichloroethene	ND		1.0	0.39	ug/L			12/06/24 09:02	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/06/24 09:02	1
Vinyl acetate	ND		10	5.0	ug/L			12/06/24 09:02	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/06/24 09:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*12/06/24 09:02*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/06/24 09:02*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*12/06/24 09:02*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/06/24 09:02*	*1*

Lab Sample ID: LCS 570-510778/1003
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.91		ug/L		95	80 - 122
1,1,1-Trichloroethane	20.0	19.33		ug/L		97	78 - 125
1,1,2,2-Tetrachloroethane	20.0	19.70		ug/L		98	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.17		ug/L		96	72 - 138
1,1,2-Trichloroethane	20.0	20.07		ug/L		100	80 - 124
1,1-Dichloroethane	20.0	20.37		ug/L		102	80 - 127
1,1-Dichloroethene	20.0	20.68		ug/L		103	80 - 133
1,1-Dichloropropene	20.0	20.53		ug/L		103	79 - 126
1,2,3-Trichlorobenzene	20.0	19.61		ug/L		98	79 - 128
1,2,3-Trichloropropane	20.0	17.57		ug/L		88	71 - 128
1,2,4-Trichlorobenzene	20.0	18.92		ug/L		95	77 - 126
1,2,4-Trimethylbenzene	20.0	20.59		ug/L		103	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	16.79		ug/L		84	66 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510778/1003
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	20.0	20.29		ug/L		101	80 - 120
1,2-Dichlorobenzene	20.0	19.87		ug/L		99	80 - 121
1,2-Dichloroethane	20.0	19.93		ug/L		100	77 - 122
1,2-Dichloropropane	20.0	20.67		ug/L		103	80 - 122
1,3,5-Trimethylbenzene	20.0	19.93		ug/L		100	80 - 123
1,3-Dichlorobenzene	20.0	19.68		ug/L		98	80 - 120
1,3-Dichloropropane	20.0	20.27		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	19.57		ug/L		98	80 - 120
2,2-Dichloropropane	20.0	18.77		ug/L		94	68 - 143
2-Butanone (MEK)	20.0	19.19		ug/L		96	61 - 139
2-Chlorotoluene	20.0	19.18		ug/L		96	80 - 121
2-Hexanone	20.0	14.32		ug/L		72	63 - 134
4-Chlorotoluene	20.0	20.03		ug/L		100	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	17.13		ug/L		86	67 - 125
Acetone	20.0	17.07		ug/L		85	45 - 150
Benzene	20.0	20.59		ug/L		103	80 - 121
Bromobenzene	20.0	19.19		ug/L		96	80 - 120
Bromochloromethane	20.0	20.51		ug/L		103	80 - 121
Bromodichloromethane	20.0	19.33		ug/L		97	80 - 121
Bromoform	20.0	18.07		ug/L		90	78 - 124
Bromomethane	20.0	22.75	J	ug/L		114	48 - 156
cis-1,2-Dichloroethene	20.0	20.21		ug/L		101	80 - 125
cis-1,3-Dichloropropene	20.0	21.26		ug/L		106	80 - 120
Carbon disulfide	20.0	19.00		ug/L		95	76 - 129
Carbon tetrachloride	20.0	19.20		ug/L		96	71 - 137
Chlorobenzene	20.0	19.63		ug/L		98	80 - 120
Chloroethane	20.0	21.01		ug/L		105	73 - 138
Chloroform	20.0	20.30		ug/L		101	80 - 121
Chloromethane	20.0	19.93		ug/L		100	57 - 138
Dibromochloromethane	20.0	18.22		ug/L		91	80 - 126
Dibromomethane	20.0	19.64		ug/L		98	80 - 120
Dichlorodifluoromethane	20.0	18.12		ug/L		91	44 - 148
Di-isopropyl ether (DIPE)	20.0	20.61		ug/L		103	75 - 134
Ethanol	200	272.2		ug/L		136	50 - 168
Ethylbenzene	20.0	19.91		ug/L		100	80 - 121
Ethyl-t-butyl ether (ETBE)	20.0	19.25		ug/L		96	80 - 124
Isopropylbenzene	20.0	18.57		ug/L		93	80 - 121
Methylene Chloride	20.0	20.46		ug/L		102	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	18.92		ug/L		95	78 - 123
Naphthalene	20.0	19.90		ug/L		100	65 - 133
n-Butylbenzene	20.0	20.23		ug/L		101	80 - 125
N-Propylbenzene	20.0	19.82		ug/L		99	80 - 125
o-Xylene	20.0	19.94		ug/L		100	80 - 122
m,p-Xylene	40.0	40.51		ug/L		101	80 - 123
p-Isopropyltoluene	20.0	20.30		ug/L		102	80 - 124
sec-Butylbenzene	20.0	20.08		ug/L		100	80 - 122
Styrene	20.0	19.81		ug/L		99	80 - 120
trans-1,2-Dichloroethene	20.0	19.56		ug/L		98	80 - 122
trans-1,3-Dichloropropene	20.0	17.09		ug/L		85	80 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510778/1003
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl-methyl ether (TAME)	20.0	18.14		ug/L		91	74 - 125
tert-Butyl alcohol (TBA)	100	107.4		ug/L		107	70 - 141
tert-Butylbenzene	20.0	19.88		ug/L		99	80 - 122
Tetrachloroethene	20.0	19.43		ug/L		97	80 - 122
Toluene	20.0	19.99		ug/L		100	80 - 120
Trichloroethene	20.0	19.72		ug/L		99	80 - 120
Trichlorofluoromethane	20.0	19.19		ug/L		96	67 - 142
Vinyl acetate	20.0	17.73		ug/L		89	62 - 140
Vinyl chloride	20.0	20.25		ug/L		101	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	18.26		ug/L		91	80 - 122	3	20
1,1,1-Trichloroethane	20.0	18.54		ug/L		93	78 - 125	4	20
1,1,2,2-Tetrachloroethane	20.0	20.26		ug/L		101	79 - 127	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.98		ug/L		90	72 - 138	6	20
1,1,2-Trichloroethane	20.0	20.10		ug/L		100	80 - 124	0	20
1,1-Dichloroethane	20.0	19.61		ug/L		98	80 - 127	4	20
1,1-Dichloroethene	20.0	19.78		ug/L		99	80 - 133	4	20
1,1-Dichloropropene	20.0	20.05		ug/L		100	79 - 126	2	20
1,2,3-Trichlorobenzene	20.0	19.41		ug/L		97	79 - 128	1	20
1,2,3-Trichloropropane	20.0	17.52		ug/L		88	71 - 128	0	20
1,2,4-Trichlorobenzene	20.0	18.98		ug/L		95	77 - 126	0	20
1,2,4-Trimethylbenzene	20.0	20.20		ug/L		101	80 - 121	2	20
1,2-Dibromo-3-Chloropropane	20.0	17.52		ug/L		88	66 - 122	4	20
1,2-Dibromoethane	20.0	19.60		ug/L		98	80 - 120	3	20
1,2-Dichlorobenzene	20.0	19.48		ug/L		97	80 - 121	2	20
1,2-Dichloroethane	20.0	19.40		ug/L		97	77 - 122	3	20
1,2-Dichloropropane	20.0	19.97		ug/L		100	80 - 122	3	20
1,3,5-Trimethylbenzene	20.0	19.37		ug/L		97	80 - 123	3	20
1,3-Dichlorobenzene	20.0	19.30		ug/L		96	80 - 120	2	20
1,3-Dichloropropane	20.0	20.32		ug/L		102	80 - 121	0	20
1,4-Dichlorobenzene	20.0	19.12		ug/L		96	80 - 120	2	20
2,2-Dichloropropane	20.0	17.71		ug/L		89	68 - 143	6	20
2-Butanone (MEK)	20.0	19.10		ug/L		95	61 - 139	1	25
2-Chlorotoluene	20.0	18.97		ug/L		95	80 - 121	1	20
2-Hexanone	20.0	13.75		ug/L		69	63 - 134	4	21
4-Chlorotoluene	20.0	19.33		ug/L		97	80 - 121	4	20
4-Methyl-2-pentanone (MIBK)	20.0	17.43		ug/L		87	67 - 125	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			20.0	16.16		ug/L		81	45 - 150	5	23
Benzene			20.0	20.06		ug/L		100	80 - 121	3	20
Bromobenzene			20.0	19.18		ug/L		96	80 - 120	0	20
Bromochloromethane			20.0	19.94		ug/L		100	80 - 121	3	20
Bromodichloromethane			20.0	19.16		ug/L		96	80 - 121	1	20
Bromoform			20.0	17.94		ug/L		90	78 - 124	1	20
Bromomethane			20.0	19.64	J	ug/L		98	48 - 156	15	21
cis-1,2-Dichloroethene			20.0	19.34		ug/L		97	80 - 125	4	20
cis-1,3-Dichloropropene			20.0	20.70		ug/L		103	80 - 120	3	20
Carbon disulfide			20.0	18.80		ug/L		94	76 - 129	1	20
Carbon tetrachloride			20.0	18.96		ug/L		95	71 - 137	1	20
Chlorobenzene			20.0	19.43		ug/L		97	80 - 120	1	20
Chloroethane			20.0	19.88		ug/L		99	73 - 138	6	20
Chloroform			20.0	19.71		ug/L		99	80 - 121	3	20
Chloromethane			20.0	19.48		ug/L		97	57 - 138	2	20
Dibromochloromethane			20.0	17.79		ug/L		89	80 - 126	2	20
Dibromomethane			20.0	19.82		ug/L		99	80 - 120	1	20
Dichlorodifluoromethane			20.0	17.08		ug/L		85	44 - 148	6	28
Di-isopropyl ether (DIPE)			20.0	20.18		ug/L		101	75 - 134	2	20
Ethanol			200	241.7		ug/L		121	50 - 168	12	29
Ethylbenzene			20.0	19.34		ug/L		97	80 - 121	3	20
Ethyl-t-butyl ether (ETBE)			20.0	18.90		ug/L		94	80 - 124	2	20
Isopropylbenzene			20.0	17.99		ug/L		90	80 - 121	3	20
Methylene Chloride			20.0	19.59		ug/L		98	80 - 121	4	20
Methyl-t-Butyl Ether (MTBE)			20.0	18.51		ug/L		93	78 - 123	2	20
Naphthalene			20.0	19.94		ug/L		100	65 - 133	0	20
n-Butylbenzene			20.0	19.95		ug/L		100	80 - 125	1	20
N-Propylbenzene			20.0	19.46		ug/L		97	80 - 125	2	20
o-Xylene			20.0	19.70		ug/L		98	80 - 122	1	20
m,p-Xylene			40.0	39.27		ug/L		98	80 - 123	3	20
p-Isopropyltoluene			20.0	19.81		ug/L		99	80 - 124	2	20
sec-Butylbenzene			20.0	19.48		ug/L		97	80 - 122	3	20
Styrene			20.0	19.25		ug/L		96	80 - 120	3	20
trans-1,2-Dichloroethene			20.0	18.85		ug/L		94	80 - 122	4	20
trans-1,3-Dichloropropene			20.0	16.95		ug/L		85	80 - 125	1	20
Tert-amyl-methyl ether (TAME)			20.0	18.12		ug/L		91	74 - 125	0	20
tert-Butyl alcohol (TBA)			100	104.2		ug/L		104	70 - 141	3	20
tert-Butylbenzene			20.0	19.68		ug/L		98	80 - 122	1	20
Tetrachloroethene			20.0	18.81		ug/L		94	80 - 122	3	20
Toluene			20.0	19.49		ug/L		97	80 - 120	3	20
Trichloroethene			20.0	18.67		ug/L		93	80 - 120	5	20
Trichlorofluoromethane			20.0	18.18		ug/L		91	67 - 142	5	20
Vinyl acetate			20.0	17.23		ug/L		86	62 - 140	3	21
Vinyl chloride			20.0	19.34		ug/L		97	66 - 136	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510778/4
Matrix: Water
Analysis Batch: 510778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	101		78 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/06/24 09:29	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/06/24 09:29	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/06/24 09:29	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/06/24 09:29	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/06/24 09:29	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/06/24 09:29	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/06/24 09:29	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/06/24 09:29	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/06/24 09:29	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/06/24 09:29	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/06/24 09:29	1
Acetone	ND		0.020	0.0098	mg/Kg			12/06/24 09:29	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/06/24 09:29	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/06/24 09:29	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/06/24 09:29	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/06/24 09:29	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/06/24 09:29	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/06/24 09:29	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/06/24 09:29	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/06/24 09:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/7
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		0.0010	0.00059	mg/Kg			12/06/24 09:29	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/06/24 09:29	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/06/24 09:29	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/06/24 09:29	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/06/24 09:29	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/06/24 09:29	1
Ethanol	ND		0.25	0.092	mg/Kg			12/06/24 09:29	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/06/24 09:29	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/06/24 09:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/06/24 09:29	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 09:29	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/06/24 09:29	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/06/24 09:29	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/06/24 09:29	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/06/24 09:29	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/06/24 09:29	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/06/24 09:29	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/06/24 09:29	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/06/24 09:29	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/06/24 09:29	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 09:29	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/06/24 09:29	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/06/24 09:29	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/06/24 09:29	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/06/24 09:29	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/06/24 09:29	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/06/24 09:29	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/06/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*32 - 179*		*12/06/24 09:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/06/24 09:29*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*12/06/24 09:29*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*12/06/24 09:29*	*1*

Lab Sample ID: MB 570-510793/8
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/06/24 09:50	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/06/24 09:50	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/06/24 09:50	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/8
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/06/24 09:50	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/06/24 09:50	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/06/24 09:50	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/06/24 09:50	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/06/24 09:50	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/06/24 09:50	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/06/24 09:50	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/06/24 09:50	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/06/24 09:50	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/06/24 09:50	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/06/24 09:50	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/06/24 09:50	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/06/24 09:50	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/06/24 09:50	50
Acetone	ND		1.0	0.49	mg/Kg			12/06/24 09:50	50
Benzene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/06/24 09:50	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/06/24 09:50	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/06/24 09:50	50
Bromoform	ND		0.25	0.066	mg/Kg			12/06/24 09:50	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/06/24 09:50	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/06/24 09:50	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/06/24 09:50	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/06/24 09:50	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
Chloroethane	ND		0.10	0.037	mg/Kg			12/06/24 09:50	50
Chloroform	ND		0.050	0.029	mg/Kg			12/06/24 09:50	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/06/24 09:50	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/06/24 09:50	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/06/24 09:50	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/06/24 09:50	50
Ethanol	ND		13	4.6	mg/Kg			12/06/24 09:50	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/06/24 09:50	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/06/24 09:50	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/06/24 09:50	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/06/24 09:50	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/06/24 09:50	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510793/8
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/06/24 09:50	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/06/24 09:50	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/06/24 09:50	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/06/24 09:50	50
Styrene	ND		0.050	0.016	mg/Kg			12/06/24 09:50	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/06/24 09:50	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/06/24 09:50	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/06/24 09:50	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/06/24 09:50	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/06/24 09:50	50
Toluene	ND		0.050	0.013	mg/Kg			12/06/24 09:50	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/06/24 09:50	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/06/24 09:50	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/06/24 09:50	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/06/24 09:50	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/06/24 09:50	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*32 - 179*		*12/06/24 09:50*	*50*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/06/24 09:50*	*50*
Dibromofluoromethane (Surr)	*95*		*58 - 147*		*12/06/24 09:50*	*50*
Toluene-d8 (Surr)	*111*		*80 - 120*		*12/06/24 09:50*	*50*

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05593		mg/Kg		112	80 - 125
1,1,1-Trichloroethane	0.0500	0.05619		mg/Kg		112	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04977		mg/Kg		100	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05361		mg/Kg		107	73 - 130
1,1,2-Trichloroethane	0.0500	0.05127		mg/Kg		103	80 - 123
1,1-Dichloroethane	0.0500	0.05194		mg/Kg		104	79 - 124
1,1-Dichloroethene	0.0500	0.05273		mg/Kg		105	74 - 132
1,1-Dichloropropene	0.0500	0.05633		mg/Kg		113	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05500		mg/Kg		110	80 - 123
1,2,3-Trichloropropane	0.0500	0.05356		mg/Kg		107	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05674		mg/Kg		113	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05530		mg/Kg		111	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.04600		mg/Kg		92	67 - 120
1,2-Dibromoethane	0.0500	0.05473		mg/Kg		109	80 - 120
1,2-Dichlorobenzene	0.0500	0.05519		mg/Kg		110	80 - 120
1,2-Dichloroethane	0.0500	0.05365		mg/Kg		107	77 - 120
1,2-Dichloropropane	0.0500	0.05262		mg/Kg		105	80 - 126

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	0.0500	0.05869		mg/Kg		117	80 - 121
1,3-Dichlorobenzene	0.0500	0.05645		mg/Kg		113	80 - 120
1,3-Dichloropropane	0.0500	0.05315		mg/Kg		106	80 - 120
1,4-Dichlorobenzene	0.0500	0.05526		mg/Kg		111	80 - 120
2,2-Dichloropropane	0.0500	0.05457		mg/Kg		109	73 - 135
2-Butanone (MEK)	0.0500	0.04822		mg/Kg		96	67 - 136
2-Chlorotoluene	0.0500	0.05758		mg/Kg		115	80 - 120
2-Hexanone	0.0500	0.04898		mg/Kg		98	70 - 137
4-Chlorotoluene	0.0500	0.05516		mg/Kg		110	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04849		mg/Kg		97	74 - 124
Acetone	0.0500	0.04988		mg/Kg		100	61 - 142
Benzene	0.0500	0.05433		mg/Kg		109	80 - 120
Bromobenzene	0.0500	0.05737		mg/Kg		115	80 - 120
Bromochloromethane	0.0500	0.05400		mg/Kg		108	80 - 120
Bromodichloromethane	0.0500	0.05506		mg/Kg		110	80 - 125
Bromoform	0.0500	0.05026		mg/Kg		101	74 - 138
Bromomethane	0.0500	0.05822		mg/Kg		116	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05212		mg/Kg		104	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05540		mg/Kg		111	80 - 123
Carbon disulfide	0.0500	0.05226		mg/Kg		105	68 - 128
Carbon tetrachloride	0.0500	0.05653		mg/Kg		113	75 - 140
Chlorobenzene	0.0500	0.05658		mg/Kg		113	80 - 120
Chloroethane	0.0500	0.05448		mg/Kg		109	76 - 137
Chloroform	0.0500	0.05398		mg/Kg		108	80 - 121
Chloromethane	0.0500	0.04980		mg/Kg		100	74 - 133
Dibromochloromethane	0.0500	0.05473		mg/Kg		109	80 - 132
Dibromomethane	0.0500	0.05226		mg/Kg		105	80 - 120
Dichlorodifluoromethane	0.0500	0.05339		mg/Kg		107	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05069		mg/Kg		101	73 - 132
Ethanol	0.500	0.4993		mg/Kg		100	46 - 159
Ethylbenzene	0.0500	0.05717		mg/Kg		114	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05060		mg/Kg		101	77 - 129
Isopropylbenzene	0.0500	0.05769		mg/Kg		115	80 - 122
Methylene Chloride	0.0500	0.05123		mg/Kg		102	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05055		mg/Kg		101	79 - 123
Naphthalene	0.0500	0.05110		mg/Kg		102	79 - 121
n-Butylbenzene	0.0500	0.05780		mg/Kg		116	79 - 131
N-Propylbenzene	0.0500	0.05847		mg/Kg		117	80 - 122
o-Xylene	0.0500	0.05683		mg/Kg		114	80 - 120
m,p-Xylene	0.100	0.1151		mg/Kg		115	80 - 120
p-Isopropyltoluene	0.0500	0.05708		mg/Kg		114	80 - 126
sec-Butylbenzene	0.0500	0.05586		mg/Kg		112	80 - 125
Styrene	0.0500	0.05713		mg/Kg		114	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05278		mg/Kg		106	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05416		mg/Kg		108	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04960		mg/Kg		99	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2446		mg/Kg		98	74 - 123
tert-Butylbenzene	0.0500	0.05494		mg/Kg		110	80 - 124
Tetrachloroethene	0.0500	0.05648		mg/Kg		113	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510793/4
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0500	0.05324		mg/Kg		106	80 - 120		
Trichloroethene			0.0500	0.05473		mg/Kg		109	80 - 127		
Trichlorofluoromethane			0.0500	0.05568		mg/Kg		111	70 - 144		
Vinyl acetate			0.0500	0.04989		mg/Kg		100	71 - 125		
Vinyl chloride			0.0500	0.05239		mg/Kg		105	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05499		mg/Kg		110	80 - 125	2	20
1,1,1-Trichloroethane			0.0500	0.05467		mg/Kg		109	78 - 130	3	20
1,1,2,2-Tetrachloroethane			0.0500	0.04996		mg/Kg		100	80 - 124	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05299		mg/Kg		106	73 - 130	1	20
1,1,2-Trichloroethane			0.0500	0.05059		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.05174		mg/Kg		103	79 - 124	0	20
1,1-Dichloroethene			0.0500	0.05251		mg/Kg		105	74 - 132	0	20
1,1-Dichloropropene			0.0500	0.05491		mg/Kg		110	78 - 130	3	20
1,2,3-Trichlorobenzene			0.0500	0.05536		mg/Kg		111	80 - 123	1	20
1,2,3-Trichloropropane			0.0500	0.05298		mg/Kg		106	79 - 120	1	20
1,2,4-Trichlorobenzene			0.0500	0.05611		mg/Kg		112	80 - 125	1	20
1,2,4-Trimethylbenzene			0.0500	0.05562		mg/Kg		111	80 - 124	1	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04645		mg/Kg		93	67 - 120	1	20
1,2-Dibromoethane			0.0500	0.05356		mg/Kg		107	80 - 120	2	20
1,2-Dichlorobenzene			0.0500	0.05479		mg/Kg		110	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.05351		mg/Kg		107	77 - 120	0	20
1,2-Dichloropropane			0.0500	0.05165		mg/Kg		103	80 - 126	2	20
1,3,5-Trimethylbenzene			0.0500	0.05741		mg/Kg		115	80 - 121	2	20
1,3-Dichlorobenzene			0.0500	0.05658		mg/Kg		113	80 - 120	0	20
1,3-Dichloropropane			0.0500	0.05225		mg/Kg		104	80 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.05601		mg/Kg		112	80 - 120	1	20
2,2-Dichloropropane			0.0500	0.05385		mg/Kg		108	73 - 135	1	20
2-Butanone (MEK)			0.0500	0.05001		mg/Kg		100	67 - 136	4	20
2-Chlorotoluene			0.0500	0.05649		mg/Kg		113	80 - 120	2	20
2-Hexanone			0.0500	0.04663		mg/Kg		93	70 - 137	5	20
4-Chlorotoluene			0.0500	0.05466		mg/Kg		109	80 - 121	1	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04760		mg/Kg		95	74 - 124	2	20
Acetone			0.0500	0.04763		mg/Kg		95	61 - 142	5	23
Benzene			0.0500	0.05327		mg/Kg		107	80 - 120	2	20
Bromobenzene			0.0500	0.05634		mg/Kg		113	80 - 120	2	20
Bromochloromethane			0.0500	0.05348		mg/Kg		107	80 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510793/5
Matrix: Solid
Analysis Batch: 510793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromodichloromethane			0.0500	0.05422		mg/Kg		108	80 - 125	2	20
Bromoform			0.0500	0.04905		mg/Kg		98	74 - 138	2	20
Bromomethane			0.0500	0.05818		mg/Kg		116	58 - 136	0	20
cis-1,2-Dichloroethene			0.0500	0.05298		mg/Kg		106	80 - 124	2	20
cis-1,3-Dichloropropene			0.0500	0.05434		mg/Kg		109	80 - 123	2	20
Carbon disulfide			0.0500	0.05147		mg/Kg		103	68 - 128	2	20
Carbon tetrachloride			0.0500	0.05472		mg/Kg		109	75 - 140	3	20
Chlorobenzene			0.0500	0.05528		mg/Kg		111	80 - 120	2	20
Chloroethane			0.0500	0.05489		mg/Kg		110	76 - 137	1	20
Chloroform			0.0500	0.05310		mg/Kg		106	80 - 121	2	20
Chloromethane			0.0500	0.05024		mg/Kg		100	74 - 133	1	20
Dibromochloromethane			0.0500	0.05291		mg/Kg		106	80 - 132	3	20
Dibromomethane			0.0500	0.05092		mg/Kg		102	80 - 120	3	20
Dichlorodifluoromethane			0.0500	0.05330		mg/Kg		107	63 - 146	0	20
Di-isopropyl ether (DIPE)			0.0500	0.04913		mg/Kg		98	73 - 132	3	20
Ethanol			0.500	0.4880		mg/Kg		98	46 - 159	2	30
Ethylbenzene			0.0500	0.05539		mg/Kg		111	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04985		mg/Kg		100	77 - 129	1	20
Isopropylbenzene			0.0500	0.05623		mg/Kg		112	80 - 122	3	20
Methylene Chloride			0.0500	0.05057		mg/Kg		101	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04957		mg/Kg		99	79 - 123	2	20
Naphthalene			0.0500	0.05130		mg/Kg		103	79 - 121	0	20
n-Butylbenzene			0.0500	0.05791		mg/Kg		116	79 - 131	0	20
N-Propylbenzene			0.0500	0.05698		mg/Kg		114	80 - 122	3	20
o-Xylene			0.0500	0.05488		mg/Kg		110	80 - 120	3	20
m,p-Xylene			0.100	0.1127		mg/Kg		113	80 - 120	2	20
p-Isopropyltoluene			0.0500	0.05769		mg/Kg		115	80 - 126	1	20
sec-Butylbenzene			0.0500	0.05632		mg/Kg		113	80 - 125	1	20
Styrene			0.0500	0.05563		mg/Kg		111	80 - 120	3	20
trans-1,2-Dichloroethene			0.0500	0.05263		mg/Kg		105	75 - 123	0	20
trans-1,3-Dichloropropene			0.0500	0.05144		mg/Kg		103	80 - 124	5	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04874		mg/Kg		97	80 - 120	2	20
tert-Butyl alcohol (TBA)			0.250	0.2358		mg/Kg		94	74 - 123	4	20
tert-Butylbenzene			0.0500	0.05531		mg/Kg		111	80 - 124	1	20
Tetrachloroethene			0.0500	0.05564		mg/Kg		111	80 - 122	1	20
Toluene			0.0500	0.05232		mg/Kg		105	80 - 120	2	20
Trichloroethene			0.0500	0.05418		mg/Kg		108	80 - 127	1	20
Trichlorofluoromethane			0.0500	0.05515		mg/Kg		110	70 - 144	1	20
Vinyl acetate			0.0500	0.04771		mg/Kg		95	71 - 125	4	20
Vinyl chloride			0.0500	0.05119		mg/Kg		102	79 - 133	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*58 - 147*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510795/6
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/06/24 10:04	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/06/24 10:04	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/06/24 10:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/06/24 10:04	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/06/24 10:04	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 10:04	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/06/24 10:04	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/06/24 10:04	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/06/24 10:04	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/06/24 10:04	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/06/24 10:04	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/06/24 10:04	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/06/24 10:04	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/06/24 10:04	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 10:04	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/06/24 10:04	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/06/24 10:04	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/06/24 10:04	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 10:04	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/06/24 10:04	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/06/24 10:04	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/06/24 10:04	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/06/24 10:04	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/06/24 10:04	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/06/24 10:04	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/06/24 10:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/06/24 10:04	1
Acetone	ND		0.020	0.0098	mg/Kg			12/06/24 10:04	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/06/24 10:04	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 10:04	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/06/24 10:04	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/06/24 10:04	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/06/24 10:04	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/06/24 10:04	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/06/24 10:04	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/06/24 10:04	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/06/24 10:04	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/06/24 10:04	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 10:04	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/06/24 10:04	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/06/24 10:04	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/06/24 10:04	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/06/24 10:04	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/06/24 10:04	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/06/24 10:04	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/06/24 10:04	1
Ethanol	ND		0.25	0.092	mg/Kg			12/06/24 10:04	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 10:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510795/6
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/06/24 10:04	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/06/24 10:04	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/06/24 10:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/06/24 10:04	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/06/24 10:04	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/06/24 10:04	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/06/24 10:04	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/06/24 10:04	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/06/24 10:04	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/06/24 10:04	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/06/24 10:04	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/06/24 10:04	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/06/24 10:04	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/06/24 10:04	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/06/24 10:04	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/06/24 10:04	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/06/24 10:04	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/06/24 10:04	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/06/24 10:04	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/06/24 10:04	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/06/24 10:04	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/06/24 10:04	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/06/24 10:04	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/06/24 10:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*32 - 179*		*12/06/24 10:04*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/06/24 10:04*	*1*
Dibromofluoromethane (Surr)	*91*		*58 - 147*		*12/06/24 10:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/06/24 10:04*	*1*

Lab Sample ID: LCS 570-510795/4
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05527		mg/Kg		111	80 - 125
1,1,1-Trichloroethane	0.0500	0.04887		mg/Kg		98	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04632		mg/Kg		93	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04984		mg/Kg		100	73 - 130
1,1,2-Trichloroethane	0.0500	0.04977		mg/Kg		100	80 - 123
1,1-Dichloroethane	0.0500	0.04717		mg/Kg		94	79 - 124
1,1-Dichloroethene	0.0500	0.05063		mg/Kg		101	74 - 132
1,1-Dichloropropene	0.0500	0.04745		mg/Kg		95	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05673		mg/Kg		113	80 - 123
1,2,3-Trichloropropane	0.0500	0.04723		mg/Kg		94	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05805		mg/Kg		116	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04935		mg/Kg		99	80 - 124

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510795/4
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05491		mg/Kg		110	67 - 120
1,2-Dibromoethane	0.0500	0.04996		mg/Kg		100	80 - 120
1,2-Dichlorobenzene	0.0500	0.04969		mg/Kg		99	80 - 120
1,2-Dichloroethane	0.0500	0.04856		mg/Kg		97	77 - 120
1,2-Dichloropropane	0.0500	0.05032		mg/Kg		101	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04787		mg/Kg		96	80 - 121
1,3-Dichlorobenzene	0.0500	0.05026		mg/Kg		101	80 - 120
1,3-Dichloropropane	0.0500	0.04892		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0500	0.04965		mg/Kg		99	80 - 120
2,2-Dichloropropane	0.0500	0.04881		mg/Kg		98	73 - 135
2-Butanone (MEK)	0.0500	0.05057		mg/Kg		101	67 - 136
2-Chlorotoluene	0.0500	0.04648		mg/Kg		93	80 - 120
2-Hexanone	0.0500	0.04922		mg/Kg		98	70 - 137
4-Chlorotoluene	0.0500	0.04832		mg/Kg		97	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04868		mg/Kg		97	74 - 124
Acetone	0.0500	0.04666		mg/Kg		93	61 - 142
Benzene	0.0500	0.04815		mg/Kg		96	80 - 120
Bromobenzene	0.0500	0.05111		mg/Kg		102	80 - 120
Bromochloromethane	0.0500	0.05072		mg/Kg		101	80 - 120
Bromodichloromethane	0.0500	0.05235		mg/Kg		105	80 - 125
Bromoform	0.0500	0.05895		mg/Kg		118	74 - 138
Bromomethane	0.0500	0.04677		mg/Kg		94	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04706		mg/Kg		94	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05393		mg/Kg		108	80 - 123
Carbon disulfide	0.0500	0.04905		mg/Kg		98	68 - 128
Carbon tetrachloride	0.0500	0.05539		mg/Kg		111	75 - 140
Chlorobenzene	0.0500	0.04887		mg/Kg		98	80 - 120
Chloroethane	0.0500	0.04835		mg/Kg		97	76 - 137
Chloroform	0.0500	0.04492		mg/Kg		90	80 - 121
Chloromethane	0.0500	0.04644		mg/Kg		93	74 - 133
Dibromochloromethane	0.0500	0.05214		mg/Kg		104	80 - 132
Dibromomethane	0.0500	0.04920		mg/Kg		98	80 - 120
Dichlorodifluoromethane	0.0500	0.05104		mg/Kg		102	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04899		mg/Kg		98	73 - 132
Ethanol	0.500	0.4600		mg/Kg		92	46 - 159
Ethylbenzene	0.0500	0.04746		mg/Kg		95	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04629		mg/Kg		93	77 - 129
Isopropylbenzene	0.0500	0.04720		mg/Kg		94	80 - 122
Methylene Chloride	0.0500	0.04557		mg/Kg		91	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04559		mg/Kg		91	79 - 123
Naphthalene	0.0500	0.05119		mg/Kg		102	79 - 121
n-Butylbenzene	0.0500	0.05049		mg/Kg		101	79 - 131
N-Propylbenzene	0.0500	0.04699		mg/Kg		94	80 - 122
o-Xylene	0.0500	0.04592		mg/Kg		92	80 - 120
m,p-Xylene	0.100	0.09205		mg/Kg		92	80 - 120
p-Isopropyltoluene	0.0500	0.05002		mg/Kg		100	80 - 126
sec-Butylbenzene	0.0500	0.04898		mg/Kg		98	80 - 125
Styrene	0.0500	0.04721		mg/Kg		94	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04833		mg/Kg		97	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510795/4
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0500	0.05049		mg/Kg		101	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04685		mg/Kg		94	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2536		mg/Kg		101	74 - 123
tert-Butylbenzene	0.0500	0.04876		mg/Kg		98	80 - 124
Tetrachloroethene	0.0500	0.05269		mg/Kg		105	80 - 122
Toluene	0.0500	0.04787		mg/Kg		96	80 - 120
Trichloroethene	0.0500	0.05184		mg/Kg		104	80 - 127
Trichlorofluoromethane	0.0500	0.04570		mg/Kg		91	70 - 144
Vinyl acetate	0.0500	0.04657		mg/Kg		93	71 - 125
Vinyl chloride	0.0500	0.04571		mg/Kg		91	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-510795/5
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05371		mg/Kg		107	80 - 125	3	20
1,1,1-Trichloroethane	0.0500	0.04642		mg/Kg		93	78 - 130	5	20
1,1,2,2-Tetrachloroethane	0.0500	0.04341		mg/Kg		87	80 - 124	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04837		mg/Kg		97	73 - 130	3	20
1,1,2-Trichloroethane	0.0500	0.04929		mg/Kg		99	80 - 123	1	20
1,1-Dichloroethane	0.0500	0.04662		mg/Kg		93	79 - 124	1	20
1,1-Dichloroethene	0.0500	0.04863		mg/Kg		97	74 - 132	4	20
1,1-Dichloropropene	0.0500	0.04502		mg/Kg		90	78 - 130	5	20
1,2,3-Trichlorobenzene	0.0500	0.05442		mg/Kg		109	80 - 123	4	20
1,2,3-Trichloropropane	0.0500	0.04632		mg/Kg		93	79 - 120	2	20
1,2,4-Trichlorobenzene	0.0500	0.05491		mg/Kg		110	80 - 125	6	20
1,2,4-Trimethylbenzene	0.0500	0.04739		mg/Kg		95	80 - 124	4	20
1,2-Dibromo-3-Chloropropane	0.0500	0.05180		mg/Kg		104	67 - 120	6	20
1,2-Dibromoethane	0.0500	0.04763		mg/Kg		95	80 - 120	5	20
1,2-Dichlorobenzene	0.0500	0.04793		mg/Kg		96	80 - 120	4	20
1,2-Dichloroethane	0.0500	0.04672		mg/Kg		93	77 - 120	4	20
1,2-Dichloropropane	0.0500	0.04860		mg/Kg		97	80 - 126	3	20
1,3,5-Trimethylbenzene	0.0500	0.04634		mg/Kg		93	80 - 121	3	20
1,3-Dichlorobenzene	0.0500	0.04817		mg/Kg		96	80 - 120	4	20
1,3-Dichloropropane	0.0500	0.04643		mg/Kg		93	80 - 120	5	20
1,4-Dichlorobenzene	0.0500	0.04744		mg/Kg		95	80 - 120	5	20
2,2-Dichloropropane	0.0500	0.04619		mg/Kg		92	73 - 135	6	20
2-Butanone (MEK)	0.0500	0.04506		mg/Kg		90	67 - 136	12	20
2-Chlorotoluene	0.0500	0.04496		mg/Kg		90	80 - 120	3	20
2-Hexanone	0.0500	0.04797		mg/Kg		96	70 - 137	3	20
4-Chlorotoluene	0.0500	0.04625		mg/Kg		92	80 - 121	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510795/5
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			0.0500	0.04603		mg/Kg		92	74 - 124	6	20
Acetone			0.0500	0.04630		mg/Kg		93	61 - 142	1	23
Benzene			0.0500	0.04635		mg/Kg		93	80 - 120	4	20
Bromobenzene			0.0500	0.04966		mg/Kg		99	80 - 120	3	20
Bromochloromethane			0.0500	0.04813		mg/Kg		96	80 - 120	5	20
Bromodichloromethane			0.0500	0.05055		mg/Kg		101	80 - 125	4	20
Bromoform			0.0500	0.05596		mg/Kg		112	74 - 138	5	20
Bromomethane			0.0500	0.04383		mg/Kg		88	58 - 136	6	20
cis-1,2-Dichloroethene			0.0500	0.04473		mg/Kg		89	80 - 124	5	20
cis-1,3-Dichloropropene			0.0500	0.05121		mg/Kg		102	80 - 123	5	20
Carbon disulfide			0.0500	0.04812		mg/Kg		96	68 - 128	2	20
Carbon tetrachloride			0.0500	0.05266		mg/Kg		105	75 - 140	5	20
Chlorobenzene			0.0500	0.04708		mg/Kg		94	80 - 120	4	20
Chloroethane			0.0500	0.04425		mg/Kg		89	76 - 137	9	20
Chloroform			0.0500	0.04324		mg/Kg		86	80 - 121	4	20
Chloromethane			0.0500	0.04388		mg/Kg		88	74 - 133	6	20
Dibromochloromethane			0.0500	0.05128		mg/Kg		103	80 - 132	2	20
Dibromomethane			0.0500	0.04753		mg/Kg		95	80 - 120	3	20
Dichlorodifluoromethane			0.0500	0.04741		mg/Kg		95	63 - 146	7	20
Di-isopropyl ether (DIPE)			0.0500	0.04900		mg/Kg		98	73 - 132	0	20
Ethanol			0.500	0.4154		mg/Kg		83	46 - 159	10	30
Ethylbenzene			0.0500	0.04591		mg/Kg		92	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04447		mg/Kg		89	77 - 129	4	20
Isopropylbenzene			0.0500	0.04590		mg/Kg		92	80 - 122	3	20
Methylene Chloride			0.0500	0.04507		mg/Kg		90	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04521		mg/Kg		90	79 - 123	1	20
Naphthalene			0.0500	0.04964		mg/Kg		99	79 - 121	3	20
n-Butylbenzene			0.0500	0.04792		mg/Kg		96	79 - 131	5	20
N-Propylbenzene			0.0500	0.04541		mg/Kg		91	80 - 122	3	20
o-Xylene			0.0500	0.04430		mg/Kg		89	80 - 120	4	20
m,p-Xylene			0.100	0.08851		mg/Kg		89	80 - 120	4	20
p-Isopropyltoluene			0.0500	0.04766		mg/Kg		95	80 - 126	5	20
sec-Butylbenzene			0.0500	0.04679		mg/Kg		94	80 - 125	5	20
Styrene			0.0500	0.04519		mg/Kg		90	80 - 120	4	20
trans-1,2-Dichloroethene			0.0500	0.04723		mg/Kg		94	75 - 123	2	20
trans-1,3-Dichloropropene			0.0500	0.04906		mg/Kg		98	80 - 124	3	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04569		mg/Kg		91	80 - 120	3	20
tert-Butyl alcohol (TBA)			0.250	0.2444		mg/Kg		98	74 - 123	4	20
tert-Butylbenzene			0.0500	0.04664		mg/Kg		93	80 - 124	4	20
Tetrachloroethene			0.0500	0.05104		mg/Kg		102	80 - 122	3	20
Toluene			0.0500	0.04562		mg/Kg		91	80 - 120	5	20
Trichloroethene			0.0500	0.04965		mg/Kg		99	80 - 127	4	20
Trichlorofluoromethane			0.0500	0.04423		mg/Kg		88	70 - 144	3	20
Vinyl acetate			0.0500	0.04568		mg/Kg		91	71 - 125	2	20
Vinyl chloride			0.0500	0.04300		mg/Kg		86	79 - 133	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510795/5
Matrix: Solid
Analysis Batch: 510795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	96		58 - 147
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 570-511491/8
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/09/24 10:16	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/09/24 10:16	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/09/24 10:16	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/09/24 10:16	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/09/24 10:16	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/09/24 10:16	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/09/24 10:16	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/09/24 10:16	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/09/24 10:16	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/09/24 10:16	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/09/24 10:16	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/09/24 10:16	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/09/24 10:16	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/09/24 10:16	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/09/24 10:16	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/09/24 10:16	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/09/24 10:16	50
Acetone	ND		1.0	0.49	mg/Kg			12/09/24 10:16	50
Benzene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/09/24 10:16	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/09/24 10:16	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/09/24 10:16	50
Bromoform	ND		0.25	0.066	mg/Kg			12/09/24 10:16	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/09/24 10:16	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/09/24 10:16	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/09/24 10:16	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/09/24 10:16	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511491/8
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		0.10	0.037	mg/Kg			12/09/24 10:16	50
Chloroform	ND		0.050	0.029	mg/Kg			12/09/24 10:16	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/09/24 10:16	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/09/24 10:16	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/09/24 10:16	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/09/24 10:16	50
Ethanol	ND		13	4.6	mg/Kg			12/09/24 10:16	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/09/24 10:16	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/09/24 10:16	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/09/24 10:16	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/09/24 10:16	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/09/24 10:16	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/09/24 10:16	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/09/24 10:16	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/09/24 10:16	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/09/24 10:16	50
Styrene	ND		0.050	0.016	mg/Kg			12/09/24 10:16	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/09/24 10:16	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/09/24 10:16	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/09/24 10:16	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/09/24 10:16	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/09/24 10:16	50
Toluene	ND		0.050	0.013	mg/Kg			12/09/24 10:16	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/09/24 10:16	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/09/24 10:16	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/09/24 10:16	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/09/24 10:16	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/09/24 10:16	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*		*12/09/24 10:16*	*50*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/09/24 10:16*	*50*
Dibromofluoromethane (Surr)	*94*		*58 - 147*		*12/09/24 10:16*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/09/24 10:16*	*50*

Lab Sample ID: LCS 570-511491/4
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05622		mg/Kg		112	80 - 125
1,1,1-Trichloroethane	0.0500	0.05688		mg/Kg		114	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05285		mg/Kg		106	80 - 124

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511491/4
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05297		mg/Kg		106	73 - 130
1,1,2-Trichloroethane	0.0500	0.05191		mg/Kg		104	80 - 123
1,1-Dichloroethane	0.0500	0.05206		mg/Kg		104	79 - 124
1,1-Dichloroethene	0.0500	0.05270		mg/Kg		105	74 - 132
1,1-Dichloropropene	0.0500	0.05119		mg/Kg		102	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05351		mg/Kg		107	80 - 123
1,2,3-Trichloropropane	0.0500	0.05128		mg/Kg		103	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05415		mg/Kg		108	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05079		mg/Kg		102	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05454		mg/Kg		109	67 - 120
1,2-Dibromoethane	0.0500	0.05516		mg/Kg		110	80 - 120
1,2-Dichlorobenzene	0.0500	0.05110		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0500	0.04984		mg/Kg		100	77 - 120
1,2-Dichloropropane	0.0500	0.05311		mg/Kg		106	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05245		mg/Kg		105	80 - 121
1,3-Dichlorobenzene	0.0500	0.05266		mg/Kg		105	80 - 120
1,3-Dichloropropane	0.0500	0.05117		mg/Kg		102	80 - 120
1,4-Dichlorobenzene	0.0500	0.05136		mg/Kg		103	80 - 120
2,2-Dichloropropane	0.0500	0.06531		mg/Kg		131	73 - 135
2-Butanone (MEK)	0.0500	0.05824		mg/Kg		116	67 - 136
2-Chlorotoluene	0.0500	0.05052		mg/Kg		101	80 - 120
2-Hexanone	0.0500	0.05223		mg/Kg		104	70 - 137
4-Chlorotoluene	0.0500	0.04954		mg/Kg		99	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05451		mg/Kg		109	74 - 124
Acetone	0.0500	0.05273		mg/Kg		105	61 - 142
Benzene	0.0500	0.05101		mg/Kg		102	80 - 120
Bromobenzene	0.0500	0.05220		mg/Kg		104	80 - 120
Bromochloromethane	0.0500	0.05235		mg/Kg		105	80 - 120
Bromodichloromethane	0.0500	0.05729		mg/Kg		115	80 - 125
Bromoform	0.0500	0.05921		mg/Kg		118	74 - 138
Bromomethane	0.0500	0.04961		mg/Kg		99	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05164		mg/Kg		103	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05876		mg/Kg		118	80 - 123
Carbon disulfide	0.0500	0.05335		mg/Kg		107	68 - 128
Carbon tetrachloride	0.0500	0.06216		mg/Kg		124	75 - 140
Chlorobenzene	0.0500	0.05129		mg/Kg		103	80 - 120
Chloroethane	0.0500	0.04870		mg/Kg		97	76 - 137
Chloroform	0.0500	0.05114		mg/Kg		102	80 - 121
Chloromethane	0.0500	0.04470		mg/Kg		89	74 - 133
Dibromochloromethane	0.0500	0.05656		mg/Kg		113	80 - 132
Dibromomethane	0.0500	0.05524		mg/Kg		110	80 - 120
Dichlorodifluoromethane	0.0500	0.04963		mg/Kg		99	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05140		mg/Kg		103	73 - 132
Ethanol	0.500	0.4329		mg/Kg		87	46 - 159
Ethylbenzene	0.0500	0.05065		mg/Kg		101	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05486		mg/Kg		110	77 - 129
Isopropylbenzene	0.0500	0.05192		mg/Kg		104	80 - 122
Methylene Chloride	0.0500	0.04969		mg/Kg		99	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511491/4
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05255		mg/Kg		105	79 - 123
Naphthalene	0.0500	0.05193		mg/Kg		104	79 - 121
n-Butylbenzene	0.0500	0.05375		mg/Kg		108	79 - 131
N-Propylbenzene	0.0500	0.05265		mg/Kg		105	80 - 122
o-Xylene	0.0500	0.05097		mg/Kg		102	80 - 120
m,p-Xylene	0.100	0.1020		mg/Kg		102	80 - 120
p-Isopropyltoluene	0.0500	0.05173		mg/Kg		103	80 - 126
sec-Butylbenzene	0.0500	0.05163		mg/Kg		103	80 - 125
Styrene	0.0500	0.05178		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05173		mg/Kg		103	75 - 123
trans-1,3-Dichloropropene	0.0500	0.06082		mg/Kg		122	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.05447		mg/Kg		109	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2568		mg/Kg		103	74 - 123
tert-Butylbenzene	0.0500	0.05148		mg/Kg		103	80 - 124
Tetrachloroethene	0.0500	0.05286		mg/Kg		106	80 - 122
Toluene	0.0500	0.05260		mg/Kg		105	80 - 120
Trichloroethene	0.0500	0.05386		mg/Kg		108	80 - 127
Trichlorofluoromethane	0.0500	0.05214		mg/Kg		104	70 - 144
Vinyl acetate	0.0500	0.06281	*+ me	mg/Kg		126	71 - 125
Vinyl chloride	0.0500	0.04911		mg/Kg		98	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-511491/5
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05557		mg/Kg		111	80 - 125	1	20
1,1,1-Trichloroethane	0.0500	0.05587		mg/Kg		112	78 - 130	2	20
1,1,2,2-Tetrachloroethane	0.0500	0.05471		mg/Kg		109	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05245		mg/Kg		105	73 - 130	1	20
1,1,2-Trichloroethane	0.0500	0.05141		mg/Kg		103	80 - 123	1	20
1,1-Dichloroethane	0.0500	0.05164		mg/Kg		103	79 - 124	1	20
1,1-Dichloroethene	0.0500	0.05103		mg/Kg		102	74 - 132	3	20
1,1-Dichloropropene	0.0500	0.05082		mg/Kg		102	78 - 130	1	20
1,2,3-Trichlorobenzene	0.0500	0.05577		mg/Kg		112	80 - 123	4	20
1,2,3-Trichloropropane	0.0500	0.05248		mg/Kg		105	79 - 120	2	20
1,2,4-Trichlorobenzene	0.0500	0.05590		mg/Kg		112	80 - 125	3	20
1,2,4-Trimethylbenzene	0.0500	0.05095		mg/Kg		102	80 - 124	0	20
1,2-Dibromo-3-Chloropropane	0.0500	0.05345		mg/Kg		107	67 - 120	2	20
1,2-Dibromoethane	0.0500	0.05380		mg/Kg		108	80 - 120	3	20
1,2-Dichlorobenzene	0.0500	0.05200		mg/Kg		104	80 - 120	2	20
1,2-Dichloroethane	0.0500	0.04838		mg/Kg		97	77 - 120	3	20

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511491/5
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloropropane	0.0500	0.05212		mg/Kg		104	80 - 126	2	20
1,3,5-Trimethylbenzene	0.0500	0.05146		mg/Kg		103	80 - 121	2	20
1,3-Dichlorobenzene	0.0500	0.05299		mg/Kg		106	80 - 120	1	20
1,3-Dichloropropane	0.0500	0.05063		mg/Kg		101	80 - 120	1	20
1,4-Dichlorobenzene	0.0500	0.05189		mg/Kg		104	80 - 120	1	20
2,2-Dichloropropane	0.0500	0.06486		mg/Kg		130	73 - 135	1	20
2-Butanone (MEK)	0.0500	0.06111		mg/Kg		122	67 - 136	5	20
2-Chlorotoluene	0.0500	0.05021		mg/Kg		100	80 - 120	1	20
2-Hexanone	0.0500	0.05648		mg/Kg		113	70 - 137	8	20
4-Chlorotoluene	0.0500	0.04962		mg/Kg		99	80 - 121	0	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.05467		mg/Kg		109	74 - 124	0	20
Acetone	0.0500	0.05428		mg/Kg		109	61 - 142	3	23
Benzene	0.0500	0.04997		mg/Kg		100	80 - 120	2	20
Bromobenzene	0.0500	0.05232		mg/Kg		105	80 - 120	0	20
Bromochloromethane	0.0500	0.05120		mg/Kg		102	80 - 120	2	20
Bromodichloromethane	0.0500	0.05519		mg/Kg		110	80 - 125	4	20
Bromoform	0.0500	0.05948		mg/Kg		119	74 - 138	0	20
Bromomethane	0.0500	0.04786		mg/Kg		96	58 - 136	4	20
cis-1,2-Dichloroethene	0.0500	0.05071		mg/Kg		101	80 - 124	2	20
cis-1,3-Dichloropropene	0.0500	0.05720		mg/Kg		114	80 - 123	3	20
Carbon disulfide	0.0500	0.05222		mg/Kg		104	68 - 128	2	20
Carbon tetrachloride	0.0500	0.06218		mg/Kg		124	75 - 140	0	20
Chlorobenzene	0.0500	0.05117		mg/Kg		102	80 - 120	0	20
Chloroethane	0.0500	0.04729		mg/Kg		95	76 - 137	3	20
Chloroform	0.0500	0.05031		mg/Kg		101	80 - 121	2	20
Chloromethane	0.0500	0.04354		mg/Kg		87	74 - 133	3	20
Dibromochloromethane	0.0500	0.05630		mg/Kg		113	80 - 132	0	20
Dibromomethane	0.0500	0.05328		mg/Kg		107	80 - 120	4	20
Dichlorodifluoromethane	0.0500	0.04807		mg/Kg		96	63 - 146	3	20
Di-isopropyl ether (DIPE)	0.0500	0.05060		mg/Kg		101	73 - 132	2	20
Ethanol	0.500	0.4560		mg/Kg		91	46 - 159	5	30
Ethylbenzene	0.0500	0.05021		mg/Kg		100	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.05433		mg/Kg		109	77 - 129	1	20
Isopropylbenzene	0.0500	0.05188		mg/Kg		104	80 - 122	0	20
Methylene Chloride	0.0500	0.04923		mg/Kg		98	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05195		mg/Kg		104	79 - 123	1	20
Naphthalene	0.0500	0.05375		mg/Kg		107	79 - 121	3	20
n-Butylbenzene	0.0500	0.05373		mg/Kg		107	79 - 131	0	20
N-Propylbenzene	0.0500	0.05207		mg/Kg		104	80 - 122	1	20
o-Xylene	0.0500	0.05085		mg/Kg		102	80 - 120	0	20
m,p-Xylene	0.100	0.1020		mg/Kg		102	80 - 120	0	20
p-Isopropyltoluene	0.0500	0.05163		mg/Kg		103	80 - 126	0	20
sec-Butylbenzene	0.0500	0.05189		mg/Kg		104	80 - 125	0	20
Styrene	0.0500	0.05148		mg/Kg		103	80 - 120	1	20
trans-1,2-Dichloroethene	0.0500	0.05161		mg/Kg		103	75 - 123	0	20
trans-1,3-Dichloropropene	0.0500	0.06084		mg/Kg		122	80 - 124	0	20
Tert-amyl-methyl ether (TAME)	0.0500	0.05363		mg/Kg		107	80 - 120	2	20
tert-Butyl alcohol (TBA)	0.250	0.2708		mg/Kg		108	74 - 123	5	20
tert-Butylbenzene	0.0500	0.05178		mg/Kg		104	80 - 124	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511491/5
Matrix: Solid
Analysis Batch: 511491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene			0.0500	0.05202		mg/Kg		104	80 - 122	2	20
Toluene			0.0500	0.05156		mg/Kg		103	80 - 120	2	20
Trichloroethene			0.0500	0.05270		mg/Kg		105	80 - 127	2	20
Trichlorofluoromethane			0.0500	0.04935		mg/Kg		99	70 - 144	6	20
Vinyl acetate			0.0500	0.05911		mg/Kg		118	71 - 125	6	20
Vinyl chloride			0.0500	0.04755		mg/Kg		95	79 - 133	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.77	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,2-Dichlorobenzene	ND		10	0.59	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,3-Dichlorobenzene	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
1,4-Dichlorobenzene	ND		10	0.70	ug/L		12/05/24 09:15	12/09/24 14:51	1
1-Methylnaphthalene	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dimethylphenol	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrophenol	ND		50	13	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chloronaphthalene	ND		10	0.69	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Chlorophenol	ND		10	0.95	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylnaphthalene	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Methylphenol	ND		10	0.80	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Nitroaniline	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
2-Nitrophenol	ND		10	2.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
3,3'-Dichlorobenzidine	ND		10	2.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
3/4-Methylphenol	ND		10	0.76	ug/L		12/05/24 09:15	12/09/24 14:51	1
3-Nitroaniline	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chloroaniline	ND		10	0.92	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Chlorophenyl phenyl ether	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitroaniline	ND		10	2.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
4-Nitrophenol	ND		10	3.7	ug/L		12/05/24 09:15	12/09/24 14:51	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		10	0.91	ug/L		12/05/24 09:15	12/09/24 14:51	1
Acenaphthylene	ND		10	0.87	ug/L		12/05/24 09:15	12/09/24 14:51	1
Aniline	ND		10	0.79	ug/L		12/05/24 09:15	12/09/24 14:51	1
Anthracene	ND		10	0.98	ug/L		12/05/24 09:15	12/09/24 14:51	1
Azobenzene	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzidine	ND		50	11	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]anthracene	ND		10	1.3	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[b]fluoranthene	ND		10	1.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzoic acid	ND		50	15	ug/L		12/05/24 09:15	12/09/24 14:51	1
Benzyl alcohol	ND		10	2.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-chloroethyl)ether	ND		25	7.7	ug/L		12/05/24 09:15	12/09/24 14:51	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		10	4.9	ug/L		12/05/24 09:15	12/09/24 14:51	1
Butyl benzyl phthalate	ND		10	4.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Chrysene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenz(a,h)anthracene	ND		10	1.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dibenzofuran	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Diethyl phthalate	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Dimethyl phthalate	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-butyl phthalate	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Di-n-octyl phthalate	ND		10	4.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluoranthene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Fluorene	ND		10	0.93	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorobenzene	ND		10	0.89	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
Hexachloroethane	ND		10	0.88	ug/L		12/05/24 09:15	12/09/24 14:51	1
Indeno[1,2,3-cd]pyrene	ND		10	3.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Isophorone	ND		10	1.4	ug/L		12/05/24 09:15	12/09/24 14:51	1
Naphthalene	ND		10	3.6	ug/L		12/05/24 09:15	12/09/24 14:51	1
Nitrobenzene	ND		25	7.5	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodimethylamine	ND		10	0.74	ug/L		12/05/24 09:15	12/09/24 14:51	1
N-Nitrosodi-n-propylamine	ND		10	1.0	ug/L		12/05/24 09:15	12/09/24 14:51	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pentachlorophenol	ND		10	4.8	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenanthrene	ND		10	1.1	ug/L		12/05/24 09:15	12/09/24 14:51	1
Phenol	ND		10	0.42	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyrene	ND		10	1.2	ug/L		12/05/24 09:15	12/09/24 14:51	1
Pyridine	ND		10	1.5	ug/L		12/05/24 09:15	12/09/24 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*27 - 140*	*12/05/24 09:15*	*12/09/24 14:51*	*1*
2-Fluorobiphenyl (Surr)	*80*		*28 - 120*	*12/05/24 09:15*	*12/09/24 14:51*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510363/1-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510363

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	43		20 - 120	12/05/24 09:15	12/09/24 14:51	1
Nitrobenzene-d5 (Surr)	75		31 - 120	12/05/24 09:15	12/09/24 14:51	1
p-Terphenyl-d14 (Surr)	88		45 - 136	12/05/24 09:15	12/09/24 14:51	1
Phenol-d6 (Surr)	24		20 - 120	12/05/24 09:15	12/09/24 14:51	1

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	100	71.24		ug/L		71	20 - 120
1,2-Dichlorobenzene	100	68.84		ug/L		69	16 - 122
1,3-Dichlorobenzene	100	64.70		ug/L		65	14 - 120
1,4-Dichlorobenzene	100	62.83		ug/L		63	15 - 120
1-Methylnaphthalene	100	69.53		ug/L		70	21 - 129
2,4,5-Trichlorophenol	100	77.75		ug/L		78	26 - 144
2,4,6-Trichlorophenol	100	77.91		ug/L		78	27 - 143
2,4-Dichlorophenol	100	76.63		ug/L		77	22 - 128
2,4-Dimethylphenol	100	68.66		ug/L		69	20 - 125
2,4-Dinitrophenol	100	80.89		ug/L		81	10 - 180
2,4-Dinitrotoluene	100	73.98		ug/L		74	28 - 160
2,6-Dichlorophenol	100	77.82		ug/L		78	22 - 124
2,6-Dinitrotoluene	100	74.96		ug/L		75	30 - 157
2-Chloronaphthalene	100	69.42		ug/L		69	25 - 141
2-Chlorophenol	100	73.35		ug/L		73	22 - 129
2-Methylnaphthalene	100	73.92		ug/L		74	19 - 120
2-Methylphenol	100	69.54		ug/L		70	15 - 130
2-Nitroaniline	100	58.07		ug/L		58	17 - 141
2-Nitrophenol	100	65.27		ug/L		65	23 - 128
3,3'-Dichlorobenzidine	100	46.77		ug/L		47	18 - 162
3/4-Methylphenol	200	123.8		ug/L		62	10 - 120
3-Nitroaniline	100	70.54		ug/L		71	17 - 152
4,6-Dinitro-2-methylphenol	100	78.37		ug/L		78	11 - 159
4-Bromophenyl phenyl ether	100	67.57		ug/L		68	29 - 161
4-Chloro-3-methylphenol	100	69.85		ug/L		70	23 - 135
4-Chloroaniline	100	57.89		ug/L		58	10 - 127
4-Chlorophenyl phenyl ether	100	75.95		ug/L		76	27 - 150
4-Nitroaniline	100	80.08		ug/L		80	16 - 151
4-Nitrophenol	100	31.53		ug/L		32	10 - 120
Acenaphthene	100	64.98		ug/L		65	26 - 143
Acenaphthylene	100	63.27		ug/L		63	21 - 156
Aniline	100	12.44		ug/L		12	10 - 120
Anthracene	100	67.13		ug/L		67	28 - 155
Azobenzene	100	47.71		ug/L		48	19 - 146
Benzidine	100	34.83	J	ug/L		35	10 - 120
Benzo[a]anthracene	100	68.70		ug/L		69	26 - 159
Benzo[a]pyrene	100	72.23		ug/L		72	27 - 164
Benzo[b]fluoranthene	100	76.03		ug/L		76	26 - 166

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	100	65.73		ug/L		66	26 - 162
Benzo[k]fluoranthene	100	73.17		ug/L		73	30 - 165
Benzoic acid	100	35.91	J	ug/L		36	10 - 123
Benzyl alcohol	100	66.51		ug/L		67	10 - 151
Bis(2-chloroethoxy)methane	100	60.84		ug/L		61	19 - 129
Bis(2-chloroethyl)ether	100	59.46		ug/L		59	19 - 136
bis (2-Chloroisopropyl) ether	100	41.70		ug/L		42	10 - 154
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L		58	27 - 163
Butyl benzyl phthalate	100	58.38		ug/L		58	26 - 161
Chrysene	100	65.80		ug/L		66	26 - 153
Dibenz(a,h)anthracene	100	71.11		ug/L		71	26 - 153
Dibenzofuran	100	70.67		ug/L		71	27 - 139
Diethyl phthalate	100	69.36		ug/L		69	28 - 149
Dimethyl phthalate	100	74.24		ug/L		74	29 - 148
Di-n-butyl phthalate	100	59.56		ug/L		60	30 - 151
Di-n-octyl phthalate	100	59.51		ug/L		60	40 - 166
Fluoranthene	100	66.24		ug/L		66	28 - 159
Fluorene	100	73.47		ug/L		73	26 - 149
Hexachloro-1,3-butadiene	100	75.99		ug/L		76	17 - 120
Hexachlorobenzene	100	61.03		ug/L		61	20 - 157
Hexachlorocyclopentadiene	100	77.53		ug/L		78	21 - 145
Hexachloroethane	100	57.57		ug/L		58	11 - 121
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L		72	23 - 162
Isophorone	100	55.25		ug/L		55	15 - 146
Naphthalene	100	66.02		ug/L		66	19 - 120
Nitrobenzene	100	57.31		ug/L		57	17 - 120
N-Nitrosodimethylamine	100	34.19		ug/L		34	10 - 120
N-Nitrosodi-n-propylamine	100	58.34		ug/L		58	19 - 138
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L		75	30 - 168
Pentachlorophenol	100	74.69		ug/L		75	10 - 153
Phenanthrene	100	64.20		ug/L		64	27 - 150
Phenol	100	27.87		ug/L		28	10 - 120
Pyrene	100	67.27		ug/L		67	23 - 153
Pyridine	100	ND	*-	ug/L		0	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*27 - 140*
2-Fluorobiphenyl (Surr)	*68*		*28 - 120*
2-Fluorophenol (Surr)	*43*		*20 - 120*
Nitrobenzene-d5 (Surr)	*59*		*31 - 120*
p-Terphenyl-d14 (Surr)	*78*		*45 - 136*
Phenol-d6 (Surr)	*28*		*20 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			100	91.43		ug/L		91	20 - 120	25	27
1,2-Dichlorobenzene			100	84.49		ug/L		84	16 - 122	20	30
1,3-Dichlorobenzene			100	85.15		ug/L		85	14 - 120	27	30
1,4-Dichlorobenzene			100	78.06		ug/L		78	15 - 120	22	30
1-Methylnaphthalene			100	83.31		ug/L		83	21 - 129	18	26
2,4,5-Trichlorophenol			100	97.39		ug/L		97	26 - 144	22	27
2,4,6-Trichlorophenol			100	98.44		ug/L		98	27 - 143	23	27
2,4-Dichlorophenol			100	93.19		ug/L		93	22 - 128	19	24
2,4-Dimethylphenol			100	81.38		ug/L		81	20 - 125	17	23
2,4-Dinitrophenol			100	81.91		ug/L		82	10 - 180	1	30
2,4-Dinitrotoluene			100	100.2	*1	ug/L		100	28 - 160	30	27
2,6-Dichlorophenol			100	91.96		ug/L		92	22 - 124	17	24
2,6-Dinitrotoluene			100	94.23		ug/L		94	30 - 157	23	26
2-Chloronaphthalene			100	90.38		ug/L		90	25 - 141	26	27
2-Chlorophenol			100	84.33		ug/L		84	22 - 129	14	27
2-Methylnaphthalene			100	94.20		ug/L		94	19 - 120	24	25
2-Methylphenol			100	78.01		ug/L		78	15 - 130	11	27
2-Nitroaniline			100	73.30		ug/L		73	17 - 141	23	30
2-Nitrophenol			100	88.75	*1	ug/L		89	23 - 128	30	27
3,3'-Dichlorobenzidine			100	89.01	*1	ug/L		89	18 - 162	62	30
3/4-Methylphenol			200	145.8		ug/L		73	10 - 120	16	30
3-Nitroaniline			100	94.28		ug/L		94	17 - 152	29	30
4,6-Dinitro-2-methylphenol			100	94.84		ug/L		95	11 - 159	19	27
4-Bromophenyl phenyl ether			100	96.87	*1	ug/L		97	29 - 161	36	25
4-Chloro-3-methylphenol			100	84.46		ug/L		84	23 - 135	19	21
4-Chloroaniline			100	78.76	*1	ug/L		79	10 - 127	31	30
4-Chlorophenyl phenyl ether			100	99.04	*1	ug/L		99	27 - 150	26	25
4-Nitroaniline			100	104.6		ug/L		105	16 - 151	27	30
4-Nitrophenol			100	35.29		ug/L		35	10 - 120	11	29
Acenaphthene			100	87.95	*1	ug/L		88	26 - 143	30	26
Acenaphthylene			100	83.62	*1	ug/L		84	21 - 156	28	27
Aniline			100	68.19	*1	ug/L		68	10 - 120	138	30
Anthracene			100	86.43		ug/L		86	28 - 155	25	25
Azobenzene			100	66.26	*1	ug/L		66	19 - 146	33	24
Benzidine			100	47.42	J *1	ug/L		47	10 - 120	31	30
Benzo[a]anthracene			100	89.92	*1	ug/L		90	26 - 159	27	24
Benzo[a]pyrene			100	92.00		ug/L		92	27 - 164	24	25
Benzo[b]fluoranthene			100	97.29		ug/L		97	26 - 166	25	25
Benzo[g,h,i]perylene			100	88.20	*1	ug/L		88	26 - 162	29	26
Benzo[k]fluoranthene			100	91.02		ug/L		91	30 - 165	22	25
Benzoic acid			100	20.45	J *1	ug/L		20	10 - 123	55	30
Benzyl alcohol			100	68.14		ug/L		68	10 - 151	2	25
Bis(2-chloroethoxy)methane			100	73.19		ug/L		73	19 - 129	18	25
Bis(2-chloroethyl)ether			100	73.74		ug/L		74	19 - 136	21	29
bis (2-Chloroisopropyl) ether			100	51.19		ug/L		51	10 - 154	20	28
Bis(2-ethylhexyl) phthalate			100	76.10	*1	ug/L		76	27 - 163	28	24
Butyl benzyl phthalate			100	75.44		ug/L		75	26 - 161	25	25
Chrysene			100	86.84	*1	ug/L		87	26 - 153	28	24

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510363/3-A
Matrix: Water
Analysis Batch: 511619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	100	97.78	*1	ug/L		98	26 - 153	32	26
Dibenzofuran	100	92.73	*1	ug/L		93	27 - 139	27	25
Diethyl phthalate	100	91.69	*1	ug/L		92	28 - 149	28	25
Dimethyl phthalate	100	90.33		ug/L		90	29 - 148	20	24
Di-n-butyl phthalate	100	80.45	*1	ug/L		80	30 - 151	30	24
Di-n-octyl phthalate	100	77.96	*1	ug/L		78	40 - 166	27	22
Fluoranthene	100	93.10	*1	ug/L		93	28 - 159	34	26
Fluorene	100	94.21		ug/L		94	26 - 149	25	26
Hexachloro-1,3-butadiene	100	99.36		ug/L		99	17 - 120	27	28
Hexachlorobenzene	100	78.16		ug/L		78	20 - 157	25	25
Hexachlorocyclopentadiene	100	98.44		ug/L		98	21 - 145	24	30
Hexachloroethane	100	74.61		ug/L		75	11 - 121	26	30
Indeno[1,2,3-cd]pyrene	100	96.45		ug/L		96	23 - 162	29	30
Isophorone	100	72.01	*1	ug/L		72	15 - 146	26	24
Naphthalene	100	85.33		ug/L		85	19 - 120	26	26
Nitrobenzene	100	69.59		ug/L		70	17 - 120	19	26
N-Nitrosodimethylamine	100	37.80		ug/L		38	10 - 120	10	30
N-Nitrosodi-n-propylamine	100	79.90	*1	ug/L		80	19 - 138	31	27
n-Nitrosodiphenylamine(as diphenylamine)	100	104.7	*1	ug/L		105	30 - 168	33	25
Pentachlorophenol	100	104.3	*1	ug/L		104	10 - 153	33	29
Phenanthrene	100	87.11	*1	ug/L		87	27 - 150	30	24
Phenol	100	29.41		ug/L		29	10 - 120	5	26
Pyrene	100	85.86		ug/L		86	23 - 153	24	27
Pyridine	100	41.87	*1	ug/L		42	10 - 120	200	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*112*		*27 - 140*
2-Fluorobiphenyl (Surr)	*89*		*28 - 120*
2-Fluorophenol (Surr)	*49*		*20 - 120*
Nitrobenzene-d5 (Surr)	*72*		*31 - 120*
p-Terphenyl-d14 (Surr)	*98*		*45 - 136*
Phenol-d6 (Surr)	*30*		*20 - 120*

Lab Sample ID: MB 570-510949/1-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/06/24 12:55	12/10/24 16:12	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510949/1-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Aniline	ND		0.50	0.095	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Anthracene	ND		0.50	0.078	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzidine	ND		5.0	0.58	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Chrysene	ND		0.50	0.083	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Fluorene	ND		0.50	0.094	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/06/24 12:55	12/10/24 16:12	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510949/1-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510949

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Isophorone	ND		0.50	0.080	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Phenol	ND		0.50	0.097	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Pyrene	ND		0.50	0.10	mg/Kg		12/06/24 12:55	12/10/24 16:12	1
Pyridine	ND		0.50	0.24	mg/Kg		12/06/24 12:55	12/10/24 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 134*	*12/06/24 12:55*	*12/10/24 16:12*	*1*
2-Fluorobiphenyl (Surr)	*76*		*14 - 142*	*12/06/24 12:55*	*12/10/24 16:12*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 123*	*12/06/24 12:55*	*12/10/24 16:12*	*1*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*12/06/24 12:55*	*12/10/24 16:12*	*1*
p-Terphenyl-d14 (Surr)	*76*		*31 - 139*	*12/06/24 12:55*	*12/10/24 16:12*	*1*
Phenol-d6 (Surr)	*77*		*10 - 120*	*12/06/24 12:55*	*12/10/24 16:12*	*1*

Lab Sample ID: LCS 570-510949/2-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.424		mg/Kg		88	24 - 137
1,2-Dichlorobenzene	5.00	3.872		mg/Kg		77	24 - 148
1,3-Dichlorobenzene	5.00	3.826		mg/Kg		77	22 - 144
1,4-Dichlorobenzene	5.00	3.604		mg/Kg		72	24 - 143
1-Methylnaphthalene	5.00	4.107		mg/Kg		82	26 - 143
2,4,5-Trichlorophenol	5.00	4.036		mg/Kg		81	24 - 139
2,4,6-Trichlorophenol	5.00	3.951		mg/Kg		79	26 - 140
2,4-Dichlorophenol	5.00	4.620		mg/Kg		92	24 - 139
2,4-Dimethylphenol	5.00	4.418		mg/Kg		88	23 - 136
2,4-Dinitrophenol	5.00	3.899		mg/Kg		78	10 - 174
2,4-Dinitrotoluene	5.00	3.792		mg/Kg		76	28 - 166
2,6-Dichlorophenol	5.00	4.302		mg/Kg		86	23 - 134
2,6-Dinitrotoluene	5.00	3.752		mg/Kg		75	30 - 157
2-Chloronaphthalene	5.00	3.947		mg/Kg		79	30 - 144
2-Chlorophenol	5.00	4.318		mg/Kg		86	26 - 157
2-Methylnaphthalene	5.00	4.640		mg/Kg		93	23 - 134
2-Methylphenol	5.00	4.100		mg/Kg		82	30 - 161
2-Nitroaniline	5.00	3.827		mg/Kg		77	16 - 142
2-Nitrophenol	5.00	4.055		mg/Kg		81	23 - 142
3,3'-Dichlorobenzidine	5.00	3.132		mg/Kg		63	28 - 143
3/4-Methylphenol	10.0	7.992		mg/Kg		80	10 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510949/2-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	5.00	3.198		mg/Kg		64	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.272		mg/Kg		85	10 - 144
4-Bromophenyl phenyl ether	5.00	3.763		mg/Kg		75	33 - 150
4-Chloro-3-methylphenol	5.00	4.631		mg/Kg		93	23 - 142
4-Chloroaniline	5.00	3.434		mg/Kg		69	12 - 120
4-Chlorophenyl phenyl ether	5.00	3.911		mg/Kg		78	29 - 143
4-Nitroaniline	5.00	3.503		mg/Kg		70	26 - 147
4-Nitrophenol	5.00	3.580		mg/Kg		72	10 - 145
Acenaphthene	5.00	3.811		mg/Kg		76	30 - 144
Acenaphthylene	5.00	3.604		mg/Kg		72	28 - 148
Aniline	5.00	3.069		mg/Kg		61	10 - 120
Anthracene	5.00	3.909		mg/Kg		78	30 - 149
Azobenzene	5.00	3.814		mg/Kg		76	14 - 147
Benzidine	5.00	ND	*-	mg/Kg		0	10 - 120
Benzo[a]anthracene	5.00	4.058		mg/Kg		81	27 - 156
Benzo[a]pyrene	5.00	4.083		mg/Kg		82	36 - 157
Benzo[b]fluoranthene	5.00	4.114		mg/Kg		82	35 - 159
Benzo[g,h,i]perylene	5.00	4.007		mg/Kg		80	30 - 156
Benzo[k]fluoranthene	5.00	3.890		mg/Kg		78	35 - 159
Benzoic acid	5.00	2.422	J	mg/Kg		48	10 - 136
Benzyl alcohol	5.00	4.068		mg/Kg		81	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.200		mg/Kg		84	21 - 140
Bis(2-chloroethyl)ether	5.00	3.712		mg/Kg		74	22 - 151
bis (2-Chloroisopropyl) ether	5.00	3.821		mg/Kg		76	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	3.751		mg/Kg		75	23 - 166
Butyl benzyl phthalate	5.00	3.782		mg/Kg		76	18 - 170
Chrysene	5.00	3.842		mg/Kg		77	28 - 145
Dibenz(a,h)anthracene	5.00	4.180		mg/Kg		84	32 - 149
Dibenzofuran	5.00	3.937		mg/Kg		79	29 - 143
Diethyl phthalate	5.00	3.823		mg/Kg		76	26 - 151
Dimethyl phthalate	5.00	3.709		mg/Kg		74	27 - 150
Di-n-butyl phthalate	5.00	3.849		mg/Kg		77	27 - 152
Di-n-octyl phthalate	5.00	3.734		mg/Kg		75	40 - 178
Fluoranthene	5.00	3.857		mg/Kg		77	33 - 156
Fluorene	5.00	3.986		mg/Kg		80	27 - 146
Hexachloro-1,3-butadiene	5.00	4.636		mg/Kg		93	22 - 140
Hexachlorobenzene	5.00	3.888		mg/Kg		78	20 - 143
Hexachlorocyclopentadiene	5.00	4.559		mg/Kg		91	10 - 172
Hexachloroethane	5.00	3.511		mg/Kg		70	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.184		mg/Kg		84	38 - 157
Isophorone	5.00	3.737		mg/Kg		75	15 - 165
Naphthalene	5.00	4.323		mg/Kg		86	25 - 140
Nitrobenzene	5.00	4.303		mg/Kg		86	17 - 136
N-Nitrosodimethylamine	5.00	3.289		mg/Kg		66	10 - 134
N-Nitrosodi-n-propylamine	5.00	3.608		mg/Kg		72	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.586		mg/Kg		92	33 - 166
Pentachlorophenol	5.00	4.648		mg/Kg		93	10 - 141
Phenanthrene	5.00	3.890		mg/Kg		78	29 - 144

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510949/2-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510949

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenol			5.00	4.110		mg/Kg		82	19 - 164		
Pyrene			5.00	3.952		mg/Kg		79	17 - 156		
Pyridine			5.00	3.453		mg/Kg		69	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*
2-Fluorophenol (Surr)	*80*		*10 - 123*
Nitrobenzene-d5 (Surr)	*74*		*10 - 129*
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*
Phenol-d6 (Surr)	*79*		*10 - 120*

Lab Sample ID: LCSD 570-510949/3-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510949

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.350		mg/Kg		87	24 - 137	2	30
1,2-Dichlorobenzene			5.00	3.878		mg/Kg		78	24 - 148	0	30
1,3-Dichlorobenzene			5.00	3.863		mg/Kg		77	22 - 144	1	30
1,4-Dichlorobenzene			5.00	3.635		mg/Kg		73	24 - 143	1	30
1-Methylnaphthalene			5.00	4.135		mg/Kg		83	26 - 143	1	24
2,4,5-Trichlorophenol			5.00	3.838		mg/Kg		77	24 - 139	5	21
2,4,6-Trichlorophenol			5.00	3.863		mg/Kg		77	26 - 140	2	23
2,4-Dichlorophenol			5.00	4.609		mg/Kg		92	24 - 139	0	27
2,4-Dimethylphenol			5.00	4.382		mg/Kg		88	23 - 136	1	27
2,4-Dinitrophenol			5.00	3.909		mg/Kg		78	10 - 174	0	27
2,4-Dinitrotoluene			5.00	3.717		mg/Kg		74	28 - 166	2	27
2,6-Dichlorophenol			5.00	4.332		mg/Kg		87	23 - 134	1	25
2,6-Dinitrotoluene			5.00	3.716		mg/Kg		74	30 - 157	1	25
2-Chloronaphthalene			5.00	3.928		mg/Kg		79	30 - 144	0	22
2-Chlorophenol			5.00	4.400		mg/Kg		88	26 - 157	2	30
2-Methylnaphthalene			5.00	4.667		mg/Kg		93	23 - 134	1	27
2-Methylphenol			5.00	4.172		mg/Kg		83	30 - 161	2	28
2-Nitroaniline			5.00	3.769		mg/Kg		75	16 - 142	2	30
2-Nitrophenol			5.00	3.997		mg/Kg		80	23 - 142	1	30
3,3'-Dichlorobenzidine			5.00	3.156		mg/Kg		63	28 - 143	1	23
3/4-Methylphenol			10.0	8.125		mg/Kg		81	10 - 120	2	30
3-Nitroaniline			5.00	3.125		mg/Kg		62	25 - 138	2	27
4,6-Dinitro-2-methylphenol			5.00	4.186		mg/Kg		84	10 - 144	2	23
4-Bromophenyl phenyl ether			5.00	3.831		mg/Kg		77	33 - 150	2	22
4-Chloro-3-methylphenol			5.00	4.467		mg/Kg		89	23 - 142	4	30
4-Chloroaniline			5.00	3.441		mg/Kg		69	12 - 120	0	29
4-Chlorophenyl phenyl ether			5.00	3.865		mg/Kg		77	29 - 143	1	23
4-Nitroaniline			5.00	3.522		mg/Kg		70	26 - 147	1	29
4-Nitrophenol			5.00	3.530		mg/Kg		71	10 - 145	1	30
Acenaphthene			5.00	3.749		mg/Kg		75	30 - 144	2	22
Acenaphthylene			5.00	3.575		mg/Kg		72	28 - 148	1	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510949/3-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510949

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aniline			5.00	3.004		mg/Kg		60	10 - 120	2	30
Anthracene			5.00	3.858		mg/Kg		77	30 - 149	1	24
Azobenzene			5.00	3.803		mg/Kg		76	14 - 147	0	30
Benzidine			5.00	0.8329	J *1	mg/Kg		17	10 - 120	200	30
Benzo[a]anthracene			5.00	4.015		mg/Kg		80	27 - 156	1	24
Benzo[a]pyrene			5.00	4.047		mg/Kg		81	36 - 157	1	21
Benzo[b]fluoranthene			5.00	3.985		mg/Kg		80	35 - 159	3	21
Benzo[g,h,i]perylene			5.00	3.942		mg/Kg		79	30 - 156	2	25
Benzo[k]fluoranthene			5.00	3.911		mg/Kg		78	35 - 159	1	22
Benzoic acid			5.00	2.196	J	mg/Kg		44	10 - 136	10	20
Benzyl alcohol			5.00	4.209		mg/Kg		84	18 - 154	3	30
Bis(2-chloroethoxy)methane			5.00	4.150		mg/Kg		83	21 - 140	1	29
Bis(2-chloroethyl)ether			5.00	3.950		mg/Kg		79	22 - 151	6	30
bis (2-Chloroisopropyl) ether			5.00	3.842		mg/Kg		77	10 - 179	1	30
Bis(2-ethylhexyl) phthalate			5.00	3.703		mg/Kg		74	23 - 166	1	27
Butyl benzyl phthalate			5.00	3.715		mg/Kg		74	18 - 170	2	29
Chrysene			5.00	3.823		mg/Kg		76	28 - 145	0	21
Dibenz(a,h)anthracene			5.00	4.095		mg/Kg		82	32 - 149	2	25
Dibenzofuran			5.00	3.841		mg/Kg		77	29 - 143	2	24
Diethyl phthalate			5.00	3.765		mg/Kg		75	26 - 151	2	26
Dimethyl phthalate			5.00	3.634		mg/Kg		73	27 - 150	2	24
Di-n-butyl phthalate			5.00	3.725		mg/Kg		75	27 - 152	3	27
Di-n-octyl phthalate			5.00	3.700		mg/Kg		74	40 - 178	1	21
Fluoranthene			5.00	3.770		mg/Kg		75	33 - 156	2	26
Fluorene			5.00	3.908		mg/Kg		78	27 - 146	2	26
Hexachloro-1,3-butadiene			5.00	4.651		mg/Kg		93	22 - 140	0	30
Hexachlorobenzene			5.00	3.986		mg/Kg		80	20 - 143	2	25
Hexachlorocyclopentadiene			5.00	4.414		mg/Kg		88	10 - 172	3	27
Hexachloroethane			5.00	3.618		mg/Kg		72	22 - 144	3	30
Indeno[1,2,3-cd]pyrene			5.00	4.104		mg/Kg		82	38 - 157	2	25
Isophorone			5.00	3.730		mg/Kg		75	15 - 165	0	30
Naphthalene			5.00	4.242		mg/Kg		85	25 - 140	2	28
Nitrobenzene			5.00	4.188		mg/Kg		84	17 - 136	3	30
N-Nitrosodimethylamine			5.00	3.282		mg/Kg		66	10 - 134	0	30
N-Nitrosodi-n-propylamine			5.00	3.596		mg/Kg		72	16 - 158	0	30
n-Nitrosodiphenylamine(as diphenylamine)			5.00	4.559		mg/Kg		91	33 - 166	1	23
Pentachlorophenol			5.00	4.567		mg/Kg		91	10 - 141	2	25
Phenanthrene			5.00	3.878		mg/Kg		78	29 - 144	0	23
Phenol			5.00	4.179		mg/Kg		84	19 - 164	2	30
Pyrene			5.00	3.957		mg/Kg		79	17 - 156	0	27
Pyridine			5.00	3.502		mg/Kg		70	10 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*
2-Fluorophenol (Surr)	*80*		*10 - 123*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510949/3-A
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510949

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*
Phenol-d6 (Surr)	*79*		*10 - 120*

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.41	4.840		mg/Kg	☼	90	50 - 125
1,2-Dichlorobenzene	ND		5.41	4.305		mg/Kg	☼	80	42 - 125
1,3-Dichlorobenzene	ND		5.41	4.288		mg/Kg	☼	79	40 - 125
1,4-Dichlorobenzene	ND		5.41	4.030		mg/Kg	☼	75	45 - 125
1-Methylnaphthalene	ND		5.41	4.596		mg/Kg	☼	85	54 - 125
2,4,5-Trichlorophenol	ND		5.41	4.530		mg/Kg	☼	84	35 - 125
2,4,6-Trichlorophenol	ND		5.41	4.231		mg/Kg	☼	78	33 - 126
2,4-Dichlorophenol	ND		5.41	5.117		mg/Kg	☼	95	45 - 125
2,4-Dimethylphenol	ND		5.41	3.619		mg/Kg	☼	67	44 - 125
2,4-Dinitrophenol	ND		5.41	4.835		mg/Kg	☼	89	10 - 125
2,4-Dinitrotoluene	ND		5.41	4.342		mg/Kg	☼	80	47 - 125
2,6-Dichlorophenol	ND		5.41	4.462		mg/Kg	☼	83	38 - 125
2,6-Dinitrotoluene	ND		5.41	4.280		mg/Kg	☼	79	41 - 125
2-Chloronaphthalene	ND		5.41	4.448		mg/Kg	☼	82	47 - 125
2-Chlorophenol	ND		5.41	4.800		mg/Kg	☼	89	49 - 125
2-Methylnaphthalene	ND		5.41	5.201		mg/Kg	☼	96	42 - 125
2-Methylphenol	ND		5.41	4.194		mg/Kg	☼	78	46 - 125
2-Nitroaniline	ND		5.41	4.414		mg/Kg	☼	82	43 - 125
2-Nitrophenol	ND		5.41	4.488		mg/Kg	☼	83	25 - 126
3,3'-Dichlorobenzidine	ND		5.41	3.075		mg/Kg	☼	57	29 - 125
3/4-Methylphenol	ND		10.8	8.622		mg/Kg	☼	80	26 - 125
3-Nitroaniline	ND		5.41	3.718		mg/Kg	☼	69	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.41	4.951		mg/Kg	☼	92	10 - 125
4-Bromophenyl phenyl ether	ND		5.41	4.215		mg/Kg	☼	78	47 - 125
4-Chloro-3-methylphenol	ND		5.41	5.121		mg/Kg	☼	95	53 - 125
4-Chloroaniline	ND		5.41	3.798		mg/Kg	☼	70	33 - 125
4-Chlorophenyl phenyl ether	ND		5.41	4.467		mg/Kg	☼	83	49 - 125
4-Nitroaniline	ND		5.41	4.125		mg/Kg	☼	76	35 - 125
4-Nitrophenol	ND		5.41	4.120		mg/Kg	☼	76	22 - 134
Acenaphthene	ND		5.41	4.296		mg/Kg	☼	79	51 - 125
Acenaphthylene	ND		5.41	4.008		mg/Kg	☼	74	54 - 125
Aniline	ND		5.41	2.681		mg/Kg	☼	50	24 - 125
Anthracene	ND		5.41	4.380		mg/Kg	☼	81	50 - 125
Azobenzene	ND		5.41	4.319		mg/Kg	☼	80	48 - 125
Benzidine	ND	F1 *- *1	5.41	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.41	4.611		mg/Kg	☼	85	62 - 125
Benzo[a]pyrene	ND		5.41	4.659		mg/Kg	☼	86	55 - 131
Benzo[b]fluoranthene	ND		5.41	4.640		mg/Kg	☼	86	49 - 128
Benzo[g,h,i]perylene	ND		5.41	4.568		mg/Kg	☼	85	56 - 125
Benzo[k]fluoranthene	ND		5.41	4.479		mg/Kg	☼	83	48 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzoic acid	ND		5.41	2.325	J	mg/Kg	☼	43	10 - 125
Benzyl alcohol	ND		5.41	4.719		mg/Kg	☼	87	47 - 125
Bis(2-chloroethoxy)methane	ND		5.41	4.624		mg/Kg	☼	86	48 - 125
Bis(2-chloroethyl)ether	ND		5.41	4.281		mg/Kg	☼	79	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.41	4.218		mg/Kg	☼	78	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.41	4.262		mg/Kg	☼	79	50 - 125
Butyl benzyl phthalate	ND		5.41	4.258		mg/Kg	☼	79	58 - 125
Chrysene	ND		5.41	4.335		mg/Kg	☼	80	53 - 125
Dibenz(a,h)anthracene	ND		5.41	4.744		mg/Kg	☼	88	57 - 125
Dibenzofuran	ND		5.41	4.439		mg/Kg	☼	82	47 - 125
Diethyl phthalate	ND		5.41	4.351		mg/Kg	☼	80	53 - 125
Dimethyl phthalate	ND		5.41	4.174		mg/Kg	☼	77	52 - 125
Di-n-butyl phthalate	ND		5.41	4.264		mg/Kg	☼	79	49 - 125
Di-n-octyl phthalate	ND		5.41	4.203		mg/Kg	☼	78	57 - 125
Fluoranthene	ND		5.41	4.280		mg/Kg	☼	79	50 - 125
Fluorene	ND		5.41	4.513		mg/Kg	☼	83	54 - 125
Hexachloro-1,3-butadiene	ND		5.41	5.138		mg/Kg	☼	95	43 - 125
Hexachlorobenzene	ND		5.41	4.465		mg/Kg	☼	83	55 - 125
Hexachlorocyclopentadiene	ND		5.41	4.867		mg/Kg	☼	90	10 - 150
Hexachloroethane	ND		5.41	4.030		mg/Kg	☼	75	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.41	4.783		mg/Kg	☼	88	55 - 125
Isophorone	ND		5.41	4.105		mg/Kg	☼	76	50 - 125
Naphthalene	ND		5.41	4.697		mg/Kg	☼	87	39 - 127
Nitrobenzene	ND		5.41	4.752		mg/Kg	☼	88	43 - 125
N-Nitrosodimethylamine	ND		5.41	3.547		mg/Kg	☼	66	36 - 125
N-Nitrosodi-n-propylamine	ND		5.41	4.035		mg/Kg	☼	75	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.41	4.965		mg/Kg	☼	92	57 - 134
Pentachlorophenol	ND		5.41	4.010		mg/Kg	☼	74	10 - 125
Phenanthrene	ND		5.41	4.403		mg/Kg	☼	81	51 - 125
Phenol	ND		5.41	4.520		mg/Kg	☼	84	45 - 125
Pyrene	ND		5.41	4.477		mg/Kg	☼	83	56 - 125
Pyridine	ND		5.41	3.999		mg/Kg	☼	74	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*
2-Fluorophenol (Surr)	*80*		*10 - 123*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*
p-Terphenyl-d14 (Surr)	*75*		*31 - 139*
Phenol-d6 (Surr)	*80*		*10 - 120*

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.44	4.628		mg/Kg	☼	85	50 - 125	4	20
1,2-Dichlorobenzene	ND		5.44	4.076		mg/Kg	☼	75	42 - 125	5	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dichlorobenzene	ND		5.44	4.044		mg/Kg	☼	74	40 - 125	6	21
1,4-Dichlorobenzene	ND		5.44	3.767		mg/Kg	☼	69	45 - 125	7	24
1-Methylnaphthalene	ND		5.44	4.414		mg/Kg	☼	81	54 - 125	4	20
2,4,5-Trichlorophenol	ND		5.44	4.213		mg/Kg	☼	77	35 - 125	7	20
2,4,6-Trichlorophenol	ND		5.44	3.931		mg/Kg	☼	72	33 - 126	7	20
2,4-Dichlorophenol	ND		5.44	4.881		mg/Kg	☼	90	45 - 125	5	20
2,4-Dimethylphenol	ND		5.44	3.421		mg/Kg	☼	63	44 - 125	6	20
2,4-Dinitrophenol	ND		5.44	4.217		mg/Kg	☼	78	10 - 125	14	22
2,4-Dinitrotoluene	ND		5.44	3.954		mg/Kg	☼	73	47 - 125	9	20
2,6-Dichlorophenol	ND		5.44	4.255		mg/Kg	☼	78	38 - 125	5	20
2,6-Dinitrotoluene	ND		5.44	3.949		mg/Kg	☼	73	41 - 125	8	20
2-Chloronaphthalene	ND		5.44	4.150		mg/Kg	☼	76	47 - 125	7	20
2-Chlorophenol	ND		5.44	4.511		mg/Kg	☼	83	49 - 125	6	20
2-Methylnaphthalene	ND		5.44	4.959		mg/Kg	☼	91	42 - 125	5	20
2-Methylphenol	ND		5.44	3.916		mg/Kg	☼	72	46 - 125	7	20
2-Nitroaniline	ND		5.44	4.001		mg/Kg	☼	74	43 - 125	10	20
2-Nitrophenol	ND		5.44	4.378		mg/Kg	☼	81	25 - 126	2	21
3,3'-Dichlorobenzidine	ND		5.44	3.006		mg/Kg	☼	55	29 - 125	2	20
3/4-Methylphenol	ND		10.9	8.094		mg/Kg	☼	74	26 - 125	6	20
3-Nitroaniline	ND		5.44	3.550		mg/Kg	☼	65	39 - 125	5	20
4,6-Dinitro-2-methylphenol	ND		5.44	4.461		mg/Kg	☼	82	10 - 125	10	24
4-Bromophenyl phenyl ether	ND		5.44	3.954		mg/Kg	☼	73	47 - 125	6	20
4-Chloro-3-methylphenol	ND		5.44	4.781		mg/Kg	☼	88	53 - 125	7	20
4-Chloroaniline	ND		5.44	3.630		mg/Kg	☼	67	33 - 125	5	20
4-Chlorophenyl phenyl ether	ND		5.44	4.133		mg/Kg	☼	76	49 - 125	8	20
4-Nitroaniline	ND		5.44	3.756		mg/Kg	☼	69	35 - 125	9	20
4-Nitrophenol	ND		5.44	3.824		mg/Kg	☼	70	22 - 134	7	21
Acenaphthene	ND		5.44	4.027		mg/Kg	☼	74	51 - 125	6	20
Acenaphthylene	ND		5.44	3.733		mg/Kg	☼	69	54 - 125	7	20
Aniline	ND		5.44	2.534		mg/Kg	☼	47	24 - 125	6	20
Anthracene	ND		5.44	4.089		mg/Kg	☼	75	50 - 125	7	20
Azobenzene	ND		5.44	4.043		mg/Kg	☼	74	48 - 125	7	20
Benzidine	ND	F1 *- *1	5.44	ND	F1	mg/Kg	☼	0	10 - 126	NC	30
Benzo[a]anthracene	ND		5.44	4.256		mg/Kg	☼	78	62 - 125	8	20
Benzo[a]pyrene	ND		5.44	4.300		mg/Kg	☼	79	55 - 131	8	20
Benzo[b]fluoranthene	ND		5.44	4.284		mg/Kg	☼	79	49 - 128	8	20
Benzo[g,h,i]perylene	ND		5.44	4.134		mg/Kg	☼	76	56 - 125	10	20
Benzo[k]fluoranthene	ND		5.44	4.067		mg/Kg	☼	75	48 - 125	10	20
Benzoic acid	ND		5.44	2.020	J	mg/Kg	☼	37	10 - 125	14	35
Benzyl alcohol	ND		5.44	4.477		mg/Kg	☼	82	47 - 125	5	20
Bis(2-chloroethoxy)methane	ND		5.44	4.456		mg/Kg	☼	82	48 - 125	4	20
Bis(2-chloroethyl)ether	ND		5.44	3.951		mg/Kg	☼	73	43 - 125	8	20
bis (2-Chloroisopropyl) ether	ND		5.44	4.002		mg/Kg	☼	74	46 - 125	5	20
Bis(2-ethylhexyl) phthalate	ND		5.44	3.806		mg/Kg	☼	70	50 - 125	11	20
Butyl benzyl phthalate	ND		5.44	3.889		mg/Kg	☼	72	58 - 125	9	20
Chrysene	ND		5.44	4.042		mg/Kg	☼	74	53 - 125	7	20
Dibenz(a,h)anthracene	ND		5.44	4.348		mg/Kg	☼	80	57 - 125	9	20
Dibenzofuran	ND		5.44	4.104		mg/Kg	☼	75	47 - 125	8	20
Diethyl phthalate	ND		5.44	3.997		mg/Kg	☼	73	53 - 125	8	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 512234

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate	ND		5.44	3.893		mg/Kg	☼	72	52 - 125	7	20
Di-n-butyl phthalate	ND		5.44	3.918		mg/Kg	☼	72	49 - 125	8	20
Di-n-octyl phthalate	ND		5.44	3.817		mg/Kg	☼	70	57 - 125	10	20
Fluoranthene	ND		5.44	3.985		mg/Kg	☼	73	50 - 125	7	20
Fluorene	ND		5.44	4.141		mg/Kg	☼	76	54 - 125	9	20
Hexachloro-1,3-butadiene	ND		5.44	4.892		mg/Kg	☼	90	43 - 125	5	20
Hexachlorobenzene	ND		5.44	4.179		mg/Kg	☼	77	55 - 125	7	20
Hexachlorocyclopentadiene	ND		5.44	4.679		mg/Kg	☼	86	10 - 150	4	33
Hexachloroethane	ND		5.44	3.748		mg/Kg	☼	69	27 - 125	7	27
Indeno[1,2,3-cd]pyrene	ND		5.44	4.381		mg/Kg	☼	81	55 - 125	9	20
Isophorone	ND		5.44	3.952		mg/Kg	☼	73	50 - 125	4	20
Naphthalene	ND		5.44	4.504		mg/Kg	☼	83	39 - 127	4	20
Nitrobenzene	ND		5.44	4.578		mg/Kg	☼	84	43 - 125	4	20
N-Nitrosodimethylamine	ND		5.44	3.369		mg/Kg	☼	62	36 - 125	5	26
N-Nitrosodi-n-propylamine	ND		5.44	3.811		mg/Kg	☼	70	47 - 125	6	20
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.44	4.639		mg/Kg	☼	85	57 - 134	7	20
Pentachlorophenol	ND		5.44	3.756		mg/Kg	☼	69	10 - 125	7	20
Phenanthrene	ND		5.44	4.093		mg/Kg	☼	75	51 - 125	7	20
Phenol	ND		5.44	4.266		mg/Kg	☼	78	45 - 125	6	20
Pyrene	ND		5.44	4.165		mg/Kg	☼	77	56 - 125	7	20
Pyridine	ND		5.44	3.769		mg/Kg	☼	69	17 - 125	6	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*
2-Fluorobiphenyl (Surr)	*65*		*14 - 142*
2-Fluorophenol (Surr)	*76*		*10 - 123*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*
p-Terphenyl-d14 (Surr)	*69*		*31 - 139*
Phenol-d6 (Surr)	*75*		*10 - 120*

Lab Sample ID: MB 570-510959/1-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/06/24 13:15	12/10/24 09:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510959/1-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Aniline	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Anthracene	ND		0.50	0.078	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzidine	ND		5.0	0.58	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Chrysene	ND		0.50	0.083	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Fluorene	ND		0.50	0.094	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Isophorone	ND		0.50	0.080	mg/Kg		12/06/24 13:15	12/10/24 09:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-510959/1-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Phenol	ND		0.50	0.097	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pyrene	ND		0.50	0.10	mg/Kg		12/06/24 13:15	12/10/24 09:48	1
Pyridine	ND		0.50	0.24	mg/Kg		12/06/24 13:15	12/10/24 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 134*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
2-Fluorobiphenyl (Surr)	*83*		*14 - 142*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 123*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
Nitrobenzene-d5 (Surr)	*91*		*10 - 129*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
p-Terphenyl-d14 (Surr)	*80*		*31 - 139*	*12/06/24 13:15*	*12/10/24 09:48*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/06/24 13:15*	*12/10/24 09:48*	*1*

Lab Sample ID: LCS 570-510959/2-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.559		mg/Kg		91	24 - 137
1,2-Dichlorobenzene	5.00	4.374		mg/Kg		87	24 - 148
1,3-Dichlorobenzene	5.00	4.271		mg/Kg		85	22 - 144
1,4-Dichlorobenzene	5.00	3.956		mg/Kg		79	24 - 143
1-Methylnaphthalene	5.00	4.081		mg/Kg		82	26 - 143
2,4,5-Trichlorophenol	5.00	4.468		mg/Kg		89	24 - 139
2,4,6-Trichlorophenol	5.00	4.799		mg/Kg		96	26 - 140
2,4-Dichlorophenol	5.00	4.356		mg/Kg		87	24 - 139
2,4-Dimethylphenol	5.00	4.593		mg/Kg		92	23 - 136
2,4-Dinitrophenol	5.00	3.826		mg/Kg		77	10 - 174
2,4-Dinitrotoluene	5.00	4.611		mg/Kg		92	28 - 166
2,6-Dichlorophenol	5.00	4.688		mg/Kg		94	23 - 134
2,6-Dinitrotoluene	5.00	4.611		mg/Kg		92	30 - 157
2-Chloronaphthalene	5.00	4.568		mg/Kg		91	30 - 144
2-Chlorophenol	5.00	4.752		mg/Kg		95	26 - 157
2-Methylnaphthalene	5.00	4.734		mg/Kg		95	23 - 134
2-Methylphenol	5.00	5.052		mg/Kg		101	30 - 161
2-Nitroaniline	5.00	4.067		mg/Kg		81	16 - 142
2-Nitrophenol	5.00	4.216		mg/Kg		84	23 - 142
3,3'-Dichlorobenzidine	5.00	3.338		mg/Kg		67	28 - 143
3/4-Methylphenol	10.0	9.767		mg/Kg		98	10 - 120
3-Nitroaniline	5.00	4.106		mg/Kg		82	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.532		mg/Kg		91	10 - 144
4-Bromophenyl phenyl ether	5.00	4.090		mg/Kg		82	33 - 150

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510959/2-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	5.00	4.679		mg/Kg		94	23 - 142
4-Chloroaniline	5.00	3.524		mg/Kg		70	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.406		mg/Kg		88	29 - 143
4-Nitroaniline	5.00	4.470		mg/Kg		89	26 - 147
4-Nitrophenol	5.00	3.138		mg/Kg		63	10 - 145
Acenaphthene	5.00	4.493		mg/Kg		90	30 - 144
Acenaphthylene	5.00	4.279		mg/Kg		86	28 - 148
Aniline	5.00	3.714		mg/Kg		74	10 - 120
Anthracene	5.00	4.400		mg/Kg		88	30 - 149
Azobenzene	5.00	4.268		mg/Kg		85	14 - 147
Benzidine	5.00	1.181	J	mg/Kg		24	10 - 120
Benzo[a]anthracene	5.00	4.383		mg/Kg		88	27 - 156
Benzo[a]pyrene	5.00	4.768		mg/Kg		95	36 - 157
Benzo[b]fluoranthene	5.00	4.578		mg/Kg		92	35 - 159
Benzo[g,h,i]perylene	5.00	4.327		mg/Kg		87	30 - 156
Benzo[k]fluoranthene	5.00	4.894		mg/Kg		98	35 - 159
Benzoic acid	5.00	2.274	J	mg/Kg		45	10 - 136
Benzyl alcohol	5.00	4.493		mg/Kg		90	18 - 154
Bis(2-chloroethoxy)methane	5.00	5.097		mg/Kg		102	21 - 140
Bis(2-chloroethyl)ether	5.00	4.677		mg/Kg		94	22 - 151
bis (2-Chloroisopropyl) ether	5.00	4.036		mg/Kg		81	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.280		mg/Kg		86	23 - 166
Butyl benzyl phthalate	5.00	4.124		mg/Kg		82	18 - 170
Chrysene	5.00	4.256		mg/Kg		85	28 - 145
Dibenz(a,h)anthracene	5.00	4.262		mg/Kg		85	32 - 149
Dibenzofuran	5.00	4.620		mg/Kg		92	29 - 143
Diethyl phthalate	5.00	4.343		mg/Kg		87	26 - 151
Dimethyl phthalate	5.00	3.956		mg/Kg		79	27 - 150
Di-n-butyl phthalate	5.00	4.076		mg/Kg		82	27 - 152
Di-n-octyl phthalate	5.00	4.473		mg/Kg		89	40 - 178
Fluoranthene	5.00	4.160		mg/Kg		83	33 - 156
Fluorene	5.00	4.590		mg/Kg		92	27 - 146
Hexachloro-1,3-butadiene	5.00	4.627		mg/Kg		93	22 - 140
Hexachlorobenzene	5.00	3.926		mg/Kg		79	20 - 143
Hexachlorocyclopentadiene	5.00	4.802		mg/Kg		96	10 - 172
Hexachloroethane	5.00	4.048		mg/Kg		81	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.744		mg/Kg		95	38 - 157
Isophorone	5.00	4.161		mg/Kg		83	15 - 165
Naphthalene	5.00	4.341		mg/Kg		87	25 - 140
Nitrobenzene	5.00	4.680		mg/Kg		94	17 - 136
N-Nitrosodimethylamine	5.00	4.553		mg/Kg		91	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.220		mg/Kg		84	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.144		mg/Kg		103	33 - 166
Pentachlorophenol	5.00	3.918		mg/Kg		78	10 - 141
Phenanthrene	5.00	4.345		mg/Kg		87	29 - 144
Phenol	5.00	4.575		mg/Kg		92	19 - 164
Pyrene	5.00	4.616		mg/Kg		92	17 - 156
Pyridine	5.00	3.382		mg/Kg		68	10 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		10 - 134
2-Fluorobiphenyl (Surr)	86		14 - 142
2-Fluorophenol (Surr)	90		10 - 123
Nitrobenzene-d5 (Surr)	86		10 - 129
p-Terphenyl-d14 (Surr)	84		31 - 139
Phenol-d6 (Surr)	95		10 - 120

Lab Sample ID: LCSD 570-510959/3-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510959

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.412		mg/Kg		88	24 - 137	3	30
1,2-Dichlorobenzene			5.00	4.302		mg/Kg		86	24 - 148	2	30
1,3-Dichlorobenzene			5.00	4.140		mg/Kg		83	22 - 144	3	30
1,4-Dichlorobenzene			5.00	3.834		mg/Kg		77	24 - 143	3	30
1-Methylnaphthalene			5.00	4.227		mg/Kg		85	26 - 143	4	24
2,4,5-Trichlorophenol			5.00	4.619		mg/Kg		92	24 - 139	3	21
2,4,6-Trichlorophenol			5.00	4.597		mg/Kg		92	26 - 140	4	23
2,4-Dichlorophenol			5.00	4.723		mg/Kg		94	24 - 139	8	27
2,4-Dimethylphenol			5.00	4.889		mg/Kg		98	23 - 136	6	27
2,4-Dinitrophenol			5.00	3.818		mg/Kg		76	10 - 174	0	27
2,4-Dinitrotoluene			5.00	4.845		mg/Kg		97	28 - 166	5	27
2,6-Dichlorophenol			5.00	4.624		mg/Kg		92	23 - 134	1	25
2,6-Dinitrotoluene			5.00	4.678		mg/Kg		94	30 - 157	1	25
2-Chloronaphthalene			5.00	4.310		mg/Kg		86	30 - 144	6	22
2-Chlorophenol			5.00	4.598		mg/Kg		92	26 - 157	3	30
2-Methylnaphthalene			5.00	4.591		mg/Kg		92	23 - 134	3	27
2-Methylphenol			5.00	4.893		mg/Kg		98	30 - 161	3	28
2-Nitroaniline			5.00	3.928		mg/Kg		79	16 - 142	3	30
2-Nitrophenol			5.00	4.538		mg/Kg		91	23 - 142	7	30
3,3'-Dichlorobenzidine			5.00	3.583		mg/Kg		72	28 - 143	7	23
3/4-Methylphenol			10.0	9.670		mg/Kg		97	10 - 120	1	30
3-Nitroaniline			5.00	4.165		mg/Kg		83	25 - 138	1	27
4,6-Dinitro-2-methylphenol			5.00	4.498		mg/Kg		90	10 - 144	1	23
4-Bromophenyl phenyl ether			5.00	4.144		mg/Kg		83	33 - 150	1	22
4-Chloro-3-methylphenol			5.00	4.792		mg/Kg		96	23 - 142	2	30
4-Chloroaniline			5.00	3.670		mg/Kg		73	12 - 120	4	29
4-Chlorophenyl phenyl ether			5.00	4.772		mg/Kg		95	29 - 143	8	23
4-Nitroaniline			5.00	4.562		mg/Kg		91	26 - 147	2	29
4-Nitrophenol			5.00	3.492		mg/Kg		70	10 - 145	11	30
Acenaphthene			5.00	4.544		mg/Kg		91	30 - 144	1	22
Acenaphthylene			5.00	4.541		mg/Kg		91	28 - 148	6	25
Aniline			5.00	3.860		mg/Kg		77	10 - 120	4	30
Anthracene			5.00	4.379		mg/Kg		88	30 - 149	0	24
Azobenzene			5.00	4.479		mg/Kg		90	14 - 147	5	30
Benzidine			5.00	1.274	J	mg/Kg		25	10 - 120	8	30
Benzo[a]anthracene			5.00	4.644		mg/Kg		93	27 - 156	6	24
Benzo[a]pyrene			5.00	5.117		mg/Kg		102	36 - 157	7	21
Benzo[b]fluoranthene			5.00	4.863		mg/Kg		97	35 - 159	6	21
Benzo[g,h,i]perylene			5.00	4.413		mg/Kg		88	30 - 156	2	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-510959/3-A
Matrix: Solid
Analysis Batch: 512028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510959

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene			5.00	5.026		mg/Kg		101	35 - 159	3	22
Benzoic acid			5.00	2.360	J	mg/Kg		47	10 - 136	4	20
Benzyl alcohol			5.00	4.626		mg/Kg		93	18 - 154	3	30
Bis(2-chloroethoxy)methane			5.00	4.997		mg/Kg		100	21 - 140	2	29
Bis(2-chloroethyl)ether			5.00	4.735		mg/Kg		95	22 - 151	1	30
bis (2-Chloroisopropyl) ether			5.00	3.902		mg/Kg		78	10 - 179	3	30
Bis(2-ethylhexyl) phthalate			5.00	4.517		mg/Kg		90	23 - 166	5	27
Butyl benzyl phthalate			5.00	4.344		mg/Kg		87	18 - 170	5	29
Chrysene			5.00	4.341		mg/Kg		87	28 - 145	2	21
Dibenz(a,h)anthracene			5.00	4.670		mg/Kg		93	32 - 149	9	25
Dibenzofuran			5.00	4.708		mg/Kg		94	29 - 143	2	24
Diethyl phthalate			5.00	4.329		mg/Kg		87	26 - 151	0	26
Dimethyl phthalate			5.00	4.214		mg/Kg		84	27 - 150	6	24
Di-n-butyl phthalate			5.00	4.334		mg/Kg		87	27 - 152	6	27
Di-n-octyl phthalate			5.00	4.560		mg/Kg		91	40 - 178	2	21
Fluoranthene			5.00	4.469		mg/Kg		89	33 - 156	7	26
Fluorene			5.00	4.806		mg/Kg		96	27 - 146	5	26
Hexachloro-1,3-butadiene			5.00	4.856		mg/Kg		97	22 - 140	5	30
Hexachlorobenzene			5.00	3.929		mg/Kg		79	20 - 143	0	25
Hexachlorocyclopentadiene			5.00	4.712		mg/Kg		94	10 - 172	2	27
Hexachloroethane			5.00	3.956		mg/Kg		79	22 - 144	2	30
Indeno[1,2,3-cd]pyrene			5.00	4.787		mg/Kg		96	38 - 157	1	25
Isophorone			5.00	4.784		mg/Kg		96	15 - 165	14	30
Naphthalene			5.00	4.553		mg/Kg		91	25 - 140	5	28
Nitrobenzene			5.00	4.915		mg/Kg		98	17 - 136	5	30
N-Nitrosodimethylamine			5.00	3.990		mg/Kg		80	10 - 134	13	30
N-Nitrosodi-n-propylamine			5.00	4.202		mg/Kg		84	16 - 158	0	30
n-Nitrosodiphenylamine(as diphenylamine)			5.00	5.036		mg/Kg		101	33 - 166	2	23
Pentachlorophenol			5.00	3.905		mg/Kg		78	10 - 141	0	25
Phenanthrene			5.00	4.323		mg/Kg		86	29 - 144	1	23
Phenol			5.00	4.505		mg/Kg		90	19 - 164	2	30
Pyrene			5.00	4.780		mg/Kg		96	17 - 156	3	27
Pyridine			5.00	3.087		mg/Kg		62	10 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 134*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*
2-Fluorophenol (Surr)	*87*		*10 - 123*
Nitrobenzene-d5 (Surr)	*90*		*10 - 129*
p-Terphenyl-d14 (Surr)	*85*		*31 - 139*
Phenol-d6 (Surr)	*92*		*10 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-510534/1-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthene	ND		0.20	0.097	ug/L		12/05/24 14:19	12/09/24 14:07	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/05/24 14:19	12/09/24 14:07	1
Anthracene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/05/24 14:19	12/09/24 14:07	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/05/24 14:19	12/09/24 14:07	1
Chrysene	ND		0.20	0.059	ug/L		12/05/24 14:19	12/09/24 14:07	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluoranthene	ND		0.20	0.14	ug/L		12/05/24 14:19	12/09/24 14:07	1
Fluorene	ND		0.20	0.075	ug/L		12/05/24 14:19	12/09/24 14:07	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/05/24 14:19	12/09/24 14:07	1
Naphthalene	ND		0.20	0.15	ug/L		12/05/24 14:19	12/09/24 14:07	1
Phenanthrene	ND		0.20	0.073	ug/L		12/05/24 14:19	12/09/24 14:07	1
Pyrene	ND		0.20	0.066	ug/L		12/05/24 14:19	12/09/24 14:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*33 - 144*	*12/05/24 14:19*	*12/09/24 14:07*	*1*
Nitrobenzene-d5 (Surr)	*97*		*28 - 139*	*12/05/24 14:19*	*12/09/24 14:07*	*1*
p-Terphenyl-d14 (Surr)	*86*		*23 - 160*	*12/05/24 14:19*	*12/09/24 14:07*	*1*

Lab Sample ID: LCS 570-510534/2-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	10.0	7.237		ug/L		72	20 - 140
2-Methylnaphthalene	10.0	8.209		ug/L		82	21 - 140
Acenaphthene	10.0	8.692		ug/L		87	55 - 121
Acenaphthylene	10.0	8.737		ug/L		87	33 - 145
Anthracene	10.0	8.928		ug/L		89	27 - 133
Benzo[g,h,i]perylene	10.0	7.883		ug/L		79	25 - 157
Benzo[k]fluoranthene	10.0	8.461		ug/L		85	24 - 159
Benzo[a]anthracene	10.0	8.778		ug/L		88	33 - 143
Benzo[a]pyrene	10.0	9.072		ug/L		91	17 - 163
Benzo[b]fluoranthene	10.0	8.980		ug/L		90	24 - 159
Chrysene	10.0	7.958		ug/L		80	17 - 168
Dibenz(a,h)anthracene	10.0	8.359		ug/L		84	25 - 175
Fluoranthene	10.0	10.74		ug/L		107	26 - 137
Fluorene	10.0	9.444		ug/L		94	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	8.889		ug/L		89	25 - 175
Naphthalene	10.0	7.194		ug/L		72	21 - 133
Phenanthrene	10.0	8.876		ug/L		89	54 - 120
Pyrene	10.0	7.736		ug/L		77	45 - 129

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCS 570-510534/2-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510534

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	82		33 - 144
Nitrobenzene-d5 (Surr)	83		28 - 139
p-Terphenyl-d14 (Surr)	66		23 - 160

Lab Sample ID: LCSD 570-510534/3-A
Matrix: Water
Analysis Batch: 511708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510534

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			10.0	8.253		ug/L		83	20 - 140	13	25
2-Methylnaphthalene			10.0	9.358		ug/L		94	21 - 140	13	25
Acenaphthene			10.0	9.912		ug/L		99	55 - 121	13	25
Acenaphthylene			10.0	9.901		ug/L		99	33 - 145	12	25
Anthracene			10.0	10.02		ug/L		100	27 - 133	12	25
Benzo[g,h,i]perylene			10.0	9.370		ug/L		94	25 - 157	17	25
Benzo[k]fluoranthene			10.0	9.825		ug/L		98	24 - 159	15	25
Benzo[a]anthracene			10.0	10.11		ug/L		101	33 - 143	14	25
Benzo[a]pyrene			10.0	10.89		ug/L		109	17 - 163	18	25
Benzo[b]fluoranthene			10.0	10.74		ug/L		107	24 - 159	18	25
Chrysene			10.0	9.195		ug/L		92	17 - 168	14	25
Dibenz(a,h)anthracene			10.0	9.851		ug/L		99	25 - 175	16	25
Fluoranthene			10.0	11.81		ug/L		118	26 - 137	10	25
Fluorene			10.0	10.74		ug/L		107	59 - 121	13	25
Indeno[1,2,3-cd]pyrene			10.0	10.58		ug/L		106	25 - 175	17	25
Naphthalene			10.0	8.187		ug/L		82	21 - 133	13	25
Phenanthrene			10.0	10.02		ug/L		100	54 - 120	12	25
Pyrene			10.0	8.654		ug/L		87	45 - 129	11	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	97		33 - 144
Nitrobenzene-d5 (Surr)	93		28 - 139
p-Terphenyl-d14 (Surr)	79		23 - 160

Lab Sample ID: MB 570-510948/1-A
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/06/24 12:54	12/10/24 09:23	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510948/1-A
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0065	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/06/24 12:54	12/10/24 09:23	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/06/24 12:54	12/10/24 09:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*12/06/24 12:54*	*12/10/24 09:23*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*12/06/24 12:54*	*12/10/24 09:23*	*1*
p-Terphenyl-d14 (Surr)	*95*		*33 - 147*	*12/06/24 12:54*	*12/10/24 09:23*	*1*

Lab Sample ID: LCS 570-510948/2-A
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7072		mg/Kg		71	54 - 132
2-Methylnaphthalene	1.00	0.8037		mg/Kg		80	50 - 127
Acenaphthene	1.00	0.7040		mg/Kg		70	53 - 125
Acenaphthylene	1.00	0.6938		mg/Kg		69	50 - 123
Anthracene	1.00	0.8209		mg/Kg		82	50 - 132
Benzo[g,h,i]perylene	1.00	0.7112		mg/Kg		71	50 - 130
Benzo[k]fluoranthene	1.00	0.8057		mg/Kg		81	49 - 150
Benzo[a]anthracene	1.00	0.7287		mg/Kg		73	50 - 133
Benzo[a]pyrene	1.00	0.6861		mg/Kg		69	50 - 134
Benzo[b]fluoranthene	1.00	0.6913		mg/Kg		69	50 - 142
Chrysene	1.00	0.7182		mg/Kg		72	51 - 129
Dibenz(a,h)anthracene	1.00	0.7857		mg/Kg		79	50 - 133
Fluoranthene	1.00	0.7108		mg/Kg		71	55 - 127
Fluorene	1.00	0.6864		mg/Kg		69	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.7690		mg/Kg		77	50 - 148
Naphthalene	1.00	0.6923		mg/Kg		69	51 - 129
Phenanthrene	1.00	0.6650		mg/Kg		67	50 - 122
Pyrene	1.00	0.8071		mg/Kg		81	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*72*		*22 - 130*
Nitrobenzene-d5 (Surr)	*71*		*20 - 145*
p-Terphenyl-d14 (Surr)	*91*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510948/3-A
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510948

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.00	0.7403		mg/Kg		74	54 - 132	5	20
2-Methylnaphthalene			1.00	0.8344		mg/Kg		83	50 - 127	4	20
Acenaphthene			1.00	0.7134		mg/Kg		71	53 - 125	1	20
Acenaphthylene			1.00	0.7010		mg/Kg		70	50 - 123	1	20
Anthracene			1.00	0.8058		mg/Kg		81	50 - 132	2	20
Benzo[g,h,i]perylene			1.00	0.6930		mg/Kg		69	50 - 130	3	20
Benzo[k]fluoranthene			1.00	0.7174		mg/Kg		72	49 - 150	12	20
Benzo[a]anthracene			1.00	0.7329		mg/Kg		73	50 - 133	1	20
Benzo[a]pyrene			1.00	0.6505		mg/Kg		65	50 - 134	5	20
Benzo[b]fluoranthene			1.00	0.6576		mg/Kg		66	50 - 142	5	20
Chrysene			1.00	0.7239		mg/Kg		72	51 - 129	1	20
Dibenz(a,h)anthracene			1.00	0.7651		mg/Kg		77	50 - 133	3	20
Fluoranthene			1.00	0.7338		mg/Kg		73	55 - 127	3	20
Fluorene			1.00	0.7167		mg/Kg		72	55 - 127	4	20
Indeno[1,2,3-cd]pyrene			1.00	0.7557		mg/Kg		76	50 - 148	2	20
Naphthalene			1.00	0.6957		mg/Kg		70	51 - 129	1	20
Phenanthrene			1.00	0.6759		mg/Kg		68	50 - 122	2	20
Pyrene			1.00	0.8628		mg/Kg		86	50 - 134	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*70*		*22 - 130*
Nitrobenzene-d5 (Surr)	*71*		*20 - 145*
p-Terphenyl-d14 (Surr)	*99*		*33 - 147*

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510948

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.08	0.8280		mg/Kg	☼	76	34 - 136
2-Methylnaphthalene	ND		1.08	0.9361		mg/Kg	☼	86	29 - 137
Acenaphthene	ND		1.08	0.8146		mg/Kg	☼	75	29 - 137
Acenaphthylene	ND		1.08	0.7921		mg/Kg	☼	73	29 - 131
Anthracene	ND		1.08	0.9645		mg/Kg	☼	89	26 - 134
Benzo[g,h,i]perylene	ND		1.08	0.8010		mg/Kg	☼	74	20 - 148
Benzo[k]fluoranthene	ND		1.08	0.9114		mg/Kg	☼	84	28 - 148
Benzo[a]anthracene	ND		1.08	0.8548		mg/Kg	☼	79	24 - 150
Benzo[a]pyrene	ND		1.08	0.7911		mg/Kg	☼	73	29 - 149
Benzo[b]fluoranthene	ND		1.08	0.7867		mg/Kg	☼	73	21 - 153
Chrysene	ND		1.08	0.8374		mg/Kg	☼	77	25 - 145
Dibenz(a,h)anthracene	ND		1.08	0.8670		mg/Kg	☼	80	20 - 132
Fluoranthene	ND		1.08	0.8802		mg/Kg	☼	81	20 - 151
Fluorene	ND		1.08	0.8049		mg/Kg	☼	74	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.08	0.8508		mg/Kg	☼	79	20 - 154
Naphthalene	ND		1.08	0.7949		mg/Kg	☼	73	20 - 150
Phenanthrene	ND		1.08	0.7998		mg/Kg	☼	74	20 - 144
Pyrene	ND		1.08	0.9338		mg/Kg	☼	86	20 - 150

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510948

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	76		22 - 130
Nitrobenzene-d5 (Surr)	74		20 - 145
p-Terphenyl-d14 (Surr)	100		33 - 147

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 512015

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 510948

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.08	0.7174		mg/Kg	☼	67	34 - 136	14	29
2-Methylnaphthalene	ND		1.08	0.8173		mg/Kg	☼	76	29 - 137	14	31
Acenaphthene	ND		1.08	0.7132		mg/Kg	☼	66	29 - 137	13	28
Acenaphthylene	ND		1.08	0.6929		mg/Kg	☼	64	29 - 131	13	32
Anthracene	ND		1.08	0.8479		mg/Kg	☼	79	26 - 134	13	27
Benzo[g,h,i]perylene	ND		1.08	0.6678		mg/Kg	☼	62	20 - 148	18	27
Benzo[k]fluoranthene	ND		1.08	0.7830		mg/Kg	☼	73	28 - 148	15	26
Benzo[a]anthracene	ND		1.08	0.7418		mg/Kg	☼	69	24 - 150	14	24
Benzo[a]pyrene	ND		1.08	0.7158		mg/Kg	☼	66	29 - 149	10	22
Benzo[b]fluoranthene	ND		1.08	0.7257		mg/Kg	☼	67	21 - 153	8	26
Chrysene	ND		1.08	0.7208		mg/Kg	☼	67	25 - 145	15	28
Dibenz(a,h)anthracene	ND		1.08	0.7219		mg/Kg	☼	67	20 - 132	18	26
Fluoranthene	ND		1.08	0.7613		mg/Kg	☼	71	20 - 151	14	26
Fluorene	ND		1.08	0.6931		mg/Kg	☼	64	36 - 132	15	27
Indeno[1,2,3-cd]pyrene	ND		1.08	0.7392		mg/Kg	☼	69	20 - 154	14	25
Naphthalene	ND		1.08	0.7015		mg/Kg	☼	65	20 - 150	12	33
Phenanthrene	ND		1.08	0.6724		mg/Kg	☼	62	20 - 144	17	27
Pyrene	ND		1.08	0.7767		mg/Kg	☼	72	20 - 150	18	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	67		22 - 130
Nitrobenzene-d5 (Surr)	65		20 - 145
p-Terphenyl-d14 (Surr)	83		33 - 147

Lab Sample ID: MB 570-510957/1-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/06/24 13:11	12/10/24 09:27	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-510957/1-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 510957

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0065	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/06/24 13:11	12/10/24 09:27	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/06/24 13:11	12/10/24 09:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*22 - 130*	*12/06/24 13:11*	*12/10/24 09:27*	*1*
Nitrobenzene-d5 (Surr)	*99*		*20 - 145*	*12/06/24 13:11*	*12/10/24 09:27*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/06/24 13:11*	*12/10/24 09:27*	*1*

Lab Sample ID: LCS 570-510957/2-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 510957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7556		mg/Kg		76	54 - 132
2-Methylnaphthalene	1.00	0.8584		mg/Kg		86	50 - 127
Acenaphthene	1.00	0.8813		mg/Kg		88	53 - 125
Acenaphthylene	1.00	0.8763		mg/Kg		88	50 - 123
Anthracene	1.00	0.8687		mg/Kg		87	50 - 132
Benzo[g,h,i]perylene	1.00	0.8475		mg/Kg		85	50 - 130
Benzo[k]fluoranthene	1.00	0.9097		mg/Kg		91	49 - 150
Benzo[a]anthracene	1.00	0.8890		mg/Kg		89	50 - 133
Benzo[a]pyrene	1.00	0.9711		mg/Kg		97	50 - 134
Benzo[b]fluoranthene	1.00	0.9326		mg/Kg		93	50 - 142
Chrysene	1.00	0.8150		mg/Kg		82	51 - 129
Dibenz(a,h)anthracene	1.00	0.9041		mg/Kg		90	50 - 133
Fluoranthene	1.00	1.027		mg/Kg		103	55 - 127
Fluorene	1.00	0.9212		mg/Kg		92	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9674		mg/Kg		97	50 - 148
Naphthalene	1.00	0.7861		mg/Kg		79	51 - 129
Phenanthrene	1.00	0.8580		mg/Kg		86	50 - 122
Pyrene	1.00	0.7437		mg/Kg		74	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-510957/3-A
Matrix: Solid
Analysis Batch: 512018

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 510957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.00	0.7883		mg/Kg		79	54 - 132	4	20
2-Methylnaphthalene			1.00	0.8979		mg/Kg		90	50 - 127	4	20
Acenaphthene			1.00	0.9138		mg/Kg		91	53 - 125	4	20
Acenaphthylene			1.00	0.9081		mg/Kg		91	50 - 123	4	20
Anthracene			1.00	0.9110		mg/Kg		91	50 - 132	5	20
Benzo[g,h,i]perylene			1.00	0.8716		mg/Kg		87	50 - 130	3	20
Benzo[k]fluoranthene			1.00	0.9374		mg/Kg		94	49 - 150	3	20
Benzo[a]anthracene			1.00	0.9251		mg/Kg		93	50 - 133	4	20
Benzo[a]pyrene			1.00	1.002		mg/Kg		100	50 - 134	3	20
Benzo[b]fluoranthene			1.00	0.9551		mg/Kg		96	50 - 142	2	20
Chrysene			1.00	0.8410		mg/Kg		84	51 - 129	3	20
Dibenz(a,h)anthracene			1.00	0.9352		mg/Kg		94	50 - 133	3	20
Fluoranthene			1.00	1.084		mg/Kg		108	55 - 127	5	20
Fluorene			1.00	0.9677		mg/Kg		97	55 - 127	5	20
Indeno[1,2,3-cd]pyrene			1.00	0.9931		mg/Kg		99	50 - 148	3	20
Naphthalene			1.00	0.8170		mg/Kg		82	51 - 129	4	20
Phenanthrene			1.00	0.8950		mg/Kg		90	50 - 122	4	20
Pyrene			1.00	0.7804		mg/Kg		78	50 - 134	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*22 - 130*
Nitrobenzene-d5 (Surr)	*94*		*20 - 145*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-511806/34
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 00:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*20 - 144*		*12/10/24 00:54*	*1*

Lab Sample ID: LCS 570-511806/32
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1703		ug/L		85	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*20 - 144*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-511806/33
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	1707		ug/L		85	71 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*20 - 144*

Lab Sample ID: MB 570-512124/7
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/10/24 15:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*		*12/10/24 15:19*	*1*

Lab Sample ID: LCS 570-512124/5
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	1.910		mg/Kg		97	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Lab Sample ID: LCSD 570-512124/6
Matrix: Solid
Analysis Batch: 512124

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.97	1.856		mg/Kg		94	70 - 124	3	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Lab Sample ID: MB 570-512317/33
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/11/24 02:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*		*12/11/24 02:00*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 570-512317/34
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/11/24 02:24	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*		*42 - 126*		*12/11/24 02:24*	*20*

Lab Sample ID: LCS 570-512317/31
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	2.00	1.828		mg/Kg		92	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Lab Sample ID: LCSD 570-512317/32
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	2.00	1.851		mg/Kg		93	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Lab Sample ID: MB 570-512651/6
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/11/24 15:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*		*12/11/24 15:07*	*1*

Lab Sample ID: MB 570-512651/7
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/11/24 15:31	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*		*42 - 126*		*12/11/24 15:31*	*20*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-512651/4
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2.00	1.948		mg/Kg		97	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*

Lab Sample ID: LCSD 570-512651/5
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.945		mg/Kg		97	70 - 124	0	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-511025/1-A
Matrix: Solid
Analysis Batch: 511309

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/06/24 15:17	12/08/24 20:21	1
C23-C40	ND		5.0	4.6	mg/Kg		12/06/24 15:17	12/08/24 20:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*113*		*60 - 138*	*12/06/24 15:17*	*12/08/24 20:21*	*1*

Lab Sample ID: LCS 570-511025/2-A
Matrix: Solid
Analysis Batch: 511309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511025

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	420.2		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*107*		*60 - 138*

Lab Sample ID: LCSD 570-511025/3-A
Matrix: Solid
Analysis Batch: 511309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511025

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	410.5		mg/Kg		103	70 - 130	2	20

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-511025/3-A
Matrix: Solid
Analysis Batch: 511309

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511025

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	104		60 - 138

Lab Sample ID: MB 570-511106/1-A
Matrix: Water
Analysis Batch: 511406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511106

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/06/24 18:12	12/08/24 15:25	1
C23-C40	ND		50	42	ug/L		12/06/24 18:12	12/08/24 15:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		53 - 151	12/06/24 18:12	12/08/24 15:25	1

Lab Sample ID: LCS 570-511106/2-A
Matrix: Water
Analysis Batch: 511406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511106

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			4000	3101		ug/L		78	65 - 129		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	92		53 - 151

Lab Sample ID: LCSD 570-511106/3-A
Matrix: Water
Analysis Batch: 511406

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511106

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			4000	3116		ug/L		78	65 - 129	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	91		53 - 151

Lab Sample ID: MB 570-511348/1-A
Matrix: Solid
Analysis Batch: 511641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/07/24 16:31	12/09/24 14:48	1
C23-C40	ND		5.0	4.6	mg/Kg		12/07/24 16:31	12/09/24 14:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	115		60 - 138	12/07/24 16:31	12/09/24 14:48	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-511348/2-A
Matrix: Solid
Analysis Batch: 511641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511348

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	437.7		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*110*		*60 - 138*

Lab Sample ID: LCSD 570-511348/3-A
Matrix: Solid
Analysis Batch: 511641

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511348

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	421.6		mg/Kg		105	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*107*		*60 - 138*

Lab Sample ID: 570-209746-12 MS
Matrix: Solid
Analysis Batch: 511641

Client Sample ID: SB35-15.0
Prep Type: Total/NA
Prep Batch: 511348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		465	494.2		mg/Kg	☼	106	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*108*		*60 - 138*

Lab Sample ID: 570-209746-12 MSD
Matrix: Solid
Analysis Batch: 511641

Client Sample ID: SB35-15.0
Prep Type: Total/NA
Prep Batch: 511348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		467	492.3		mg/Kg	☼	106	43 - 165	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*107*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-511613/1-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.11	2.01	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Barium	ND		2.07	0.305	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Beryllium	ND		0.414	0.0973	mg/Kg		12/09/24 11:48	12/10/24 14:30	2

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-511613/1-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.414	0.158	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Chromium	ND		1.04	0.550	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Cobalt	ND		2.07	0.441	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Copper	ND		2.07	0.589	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Molybdenum	ND		4.14	1.01	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Antimony	ND		10.4	5.86	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Nickel	ND		2.07	1.18	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Selenium	ND		3.11	1.62	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Silver	ND		2.07	0.440	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Thallium	ND		10.4	2.96	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Vanadium	ND		4.14	0.907	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Lead	ND		2.07	1.37	mg/Kg		12/09/24 11:48	12/10/24 14:30	2
Zinc	ND		4.14	1.69	mg/Kg		12/09/24 11:48	12/10/24 14:30	2

Lab Sample ID: LCS 570-511613/2-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	192	180.5		mg/Kg		94	80 - 120
Barium	192	191.1		mg/Kg		99	80 - 120
Beryllium	192	183.9		mg/Kg		96	80 - 120
Cadmium	192	186.4		mg/Kg		97	80 - 120
Chromium	192	190.0		mg/Kg		99	80 - 120
Cobalt	192	189.5		mg/Kg		99	80 - 120
Copper	192	183.0		mg/Kg		95	80 - 120
Molybdenum	192	191.6		mg/Kg		100	80 - 120
Antimony	192	182.7		mg/Kg		95	80 - 120
Nickel	192	187.6		mg/Kg		98	80 - 120
Selenium	192	162.9		mg/Kg		85	80 - 120
Silver	96.1	92.14		mg/Kg		96	80 - 120
Thallium	192	183.4		mg/Kg		95	80 - 120
Vanadium	192	188.7		mg/Kg		98	80 - 120
Lead	192	190.4		mg/Kg		99	80 - 120
Zinc	192	186.0		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 570-511613/3-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	189	175.1		mg/Kg		93	80 - 120	3	20
Barium	189	186.4		mg/Kg		99	80 - 120	3	20
Beryllium	189	179.3		mg/Kg		95	80 - 120	3	20
Cadmium	189	181.7		mg/Kg		96	80 - 120	3	20
Chromium	189	187.0		mg/Kg		99	80 - 120	2	20
Cobalt	189	184.6		mg/Kg		98	80 - 120	3	20
Copper	189	179.8		mg/Kg		95	80 - 120	2	20
Molybdenum	189	186.1		mg/Kg		99	80 - 120	3	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-511613/3-A ^2
Matrix: Solid
Analysis Batch: 512272

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	189	180.7		mg/Kg		96	80 - 120	1	20
Nickel	189	182.8		mg/Kg		97	80 - 120	3	20
Selenium	189	158.9		mg/Kg		84	80 - 120	2	20
Silver	94.4	89.57		mg/Kg		95	80 - 120	3	20
Thallium	189	178.6		mg/Kg		95	80 - 120	3	20
Vanadium	189	184.3		mg/Kg		98	80 - 120	2	20
Lead	189	184.6		mg/Kg		98	80 - 120	3	20
Zinc	189	181.7		mg/Kg		96	80 - 120	2	20

Lab Sample ID: MB 570-511625/1-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.06	1.98	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Barium	ND		2.04	0.301	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Beryllium	ND		0.407	0.0958	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Cadmium	ND		0.407	0.156	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Chromium	ND		1.02	0.541	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Cobalt	ND		2.04	0.434	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Copper	ND		2.04	0.580	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Molybdenum	ND		4.07	0.998	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Antimony	ND		10.2	5.76	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Nickel	ND		2.04	1.16	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Selenium	ND		3.06	1.60	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Silver	ND		2.04	0.433	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Thallium	ND		10.2	2.91	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Vanadium	ND		4.07	0.892	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Lead	ND		2.04	1.35	mg/Kg		12/09/24 11:51	12/10/24 23:19	2
Zinc	ND		4.07	1.66	mg/Kg		12/09/24 11:51	12/10/24 23:19	2

Lab Sample ID: LCS 570-511625/2-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	201	188.3		mg/Kg		94	80 - 120
Barium	201	198.6		mg/Kg		99	80 - 120
Beryllium	201	191.1		mg/Kg		95	80 - 120
Cadmium	201	193.7		mg/Kg		96	80 - 120
Chromium	201	199.1		mg/Kg		99	80 - 120
Cobalt	201	196.3		mg/Kg		98	80 - 120
Copper	201	191.7		mg/Kg		95	80 - 120
Molybdenum	201	198.8		mg/Kg		99	80 - 120
Antimony	201	192.9		mg/Kg		96	80 - 120
Nickel	201	194.4		mg/Kg		97	80 - 120
Selenium	201	170.4		mg/Kg		85	80 - 120
Silver	101	96.40		mg/Kg		96	80 - 120
Thallium	201	191.7		mg/Kg		95	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-511625/2-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	201	196.7		mg/Kg		98	80 - 120
Lead	201	197.5		mg/Kg		98	80 - 120
Zinc	201	193.0		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 570-511625/3-A ^2
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	198	186.5		mg/Kg		94	80 - 120	1	20
Barium	198	196.3		mg/Kg		99	80 - 120	1	20
Beryllium	198	189.3		mg/Kg		96	80 - 120	1	20
Cadmium	198	191.7		mg/Kg		97	80 - 120	1	20
Chromium	198	196.5		mg/Kg		99	80 - 120	1	20
Cobalt	198	194.1		mg/Kg		98	80 - 120	1	20
Copper	198	189.2		mg/Kg		96	80 - 120	1	20
Molybdenum	198	196.2		mg/Kg		99	80 - 120	1	20
Antimony	198	191.8		mg/Kg		97	80 - 120	1	20
Nickel	198	192.9		mg/Kg		98	80 - 120	1	20
Selenium	198	168.7		mg/Kg		85	80 - 120	1	20
Silver	98.9	95.25		mg/Kg		96	80 - 120	1	20
Thallium	198	190.2		mg/Kg		96	80 - 120	1	20
Vanadium	198	194.1		mg/Kg		98	80 - 120	1	20
Lead	198	195.1		mg/Kg		99	80 - 120	1	20
Zinc	198	191.1		mg/Kg		97	80 - 120	1	20

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 511625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	3.56		220	205.0		mg/Kg	☼	91	75 - 125
Barium	71.7		220	284.9		mg/Kg	☼	97	75 - 125
Beryllium	0.456		220	206.8		mg/Kg	☼	94	75 - 125
Cadmium	ND		220	208.1		mg/Kg	☼	95	75 - 125
Chromium	11.7		220	224.6		mg/Kg	☼	97	75 - 125
Cobalt	4.74		220	213.5		mg/Kg	☼	95	75 - 125
Copper	9.54		220	217.9		mg/Kg	☼	95	75 - 125
Molybdenum	ND		220	212.8		mg/Kg	☼	97	75 - 125
Antimony	ND		220	205.8		mg/Kg	☼	93	75 - 125
Nickel	9.35		220	217.9		mg/Kg	☼	95	75 - 125
Selenium	ND		220	186.0		mg/Kg	☼	84	75 - 125
Silver	ND		110	105.0		mg/Kg	☼	95	75 - 125
Thallium	ND		220	202.8		mg/Kg	☼	92	75 - 125
Vanadium	24.3		220	234.3		mg/Kg	☼	95	75 - 125
Lead	4.15		220	215.2		mg/Kg	☼	96	75 - 125
Zinc	28.2		220	234.5		mg/Kg	☼	94	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 512483

Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 511625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	3.56		214	199.2		mg/Kg	☼	91	75 - 125	3	20
Barium	71.7		214	282.9		mg/Kg	☼	99	75 - 125	1	20
Beryllium	0.456		214	200.4		mg/Kg	☼	93	75 - 125	3	20
Cadmium	ND		214	200.8		mg/Kg	☼	94	75 - 125	4	20
Chromium	11.7		214	218.4		mg/Kg	☼	97	75 - 125	3	20
Cobalt	4.74		214	206.7		mg/Kg	☼	94	75 - 125	3	20
Copper	9.54		214	210.8		mg/Kg	☼	94	75 - 125	3	20
Molybdenum	ND		214	204.9		mg/Kg	☼	96	75 - 125	4	20
Antimony	ND		214	197.0		mg/Kg	☼	92	75 - 125	4	20
Nickel	9.35		214	210.2		mg/Kg	☼	94	75 - 125	4	20
Selenium	ND		214	177.1		mg/Kg	☼	83	75 - 125	5	20
Silver	ND		107	101.2		mg/Kg	☼	95	75 - 125	4	20
Thallium	ND		214	196.7		mg/Kg	☼	92	75 - 125	3	20
Vanadium	24.3		214	227.6		mg/Kg	☼	95	75 - 125	3	20
Lead	4.15		214	208.4		mg/Kg	☼	95	75 - 125	3	20
Zinc	28.2		214	227.4		mg/Kg	☼	93	75 - 125	3	20

Lab Sample ID: MB 570-510813/1-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		100	19.9	ug/L		12/06/24 08:12	12/06/24 18:14	1
Barium	ND		10.0	1.11	ug/L		12/06/24 08:12	12/06/24 18:14	1
Beryllium	ND		10.0	1.27	ug/L		12/06/24 08:12	12/06/24 18:14	1
Cadmium	ND		10.0	0.620	ug/L		12/06/24 08:12	12/06/24 18:14	1
Chromium	ND		50.0	2.96	ug/L		12/06/24 08:12	12/06/24 18:14	1
Cobalt	ND		50.0	0.880	ug/L		12/06/24 08:12	12/06/24 18:14	1
Copper	ND		50.0	2.69	ug/L		12/06/24 08:12	12/06/24 18:14	1
Molybdenum	ND		50.0	3.91	ug/L		12/06/24 08:12	12/06/24 18:14	1
Antimony	ND		100	25.5	ug/L		12/06/24 08:12	12/06/24 18:14	1
Nickel	ND		50.0	3.07	ug/L		12/06/24 08:12	12/06/24 18:14	1
Selenium	ND		50.0	16.2	ug/L		12/06/24 08:12	12/06/24 18:14	1
Silver	ND		10.0	2.59	ug/L		12/06/24 08:12	12/06/24 18:14	1
Thallium	ND		50.0	9.96	ug/L		12/06/24 08:12	12/06/24 18:14	1
Vanadium	ND		10.0	2.39	ug/L		12/06/24 08:12	12/06/24 18:14	1
Lead	ND		50.0	5.27	ug/L		12/06/24 08:12	12/06/24 18:14	1
Zinc	ND		250	13.3	ug/L		12/06/24 08:12	12/06/24 18:14	1

Lab Sample ID: LCS 570-510813/2-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	500	484.0		ug/L		97	80 - 120
Barium	500	477.2		ug/L		95	80 - 120
Beryllium	500	483.9		ug/L		97	80 - 120
Cadmium	500	488.1		ug/L		98	80 - 120
Chromium	500	488.2		ug/L		98	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-510813/2-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	500	489.9		ug/L		98	80 - 120
Copper	500	487.1		ug/L		97	80 - 120
Molybdenum	500	478.5		ug/L		96	80 - 120
Antimony	500	500.4		ug/L		100	80 - 120
Nickel	500	491.3		ug/L		98	80 - 120
Selenium	500	479.9		ug/L		96	80 - 120
Silver	250	240.8		ug/L		96	80 - 120
Thallium	500	484.9		ug/L		97	80 - 120
Vanadium	500	482.3		ug/L		96	80 - 120
Lead	500	485.6		ug/L		97	80 - 120
Zinc	500	491.0		ug/L		98	80 - 120

Lab Sample ID: LCSD 570-510813/3-A
Matrix: Water
Analysis Batch: 511131

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 510813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	500	494.4		ug/L		99	80 - 120	2	20
Barium	500	484.2		ug/L		97	80 - 120	1	20
Beryllium	500	491.2		ug/L		98	80 - 120	1	20
Cadmium	500	492.5		ug/L		99	80 - 120	1	20
Chromium	500	496.2		ug/L		99	80 - 120	2	20
Cobalt	500	495.7		ug/L		99	80 - 120	1	20
Copper	500	493.9		ug/L		99	80 - 120	1	20
Molybdenum	500	488.1		ug/L		98	80 - 120	2	20
Antimony	500	512.9		ug/L		103	80 - 120	2	20
Nickel	500	498.7		ug/L		100	80 - 120	1	20
Selenium	500	481.0		ug/L		96	80 - 120	0	20
Silver	250	244.6		ug/L		98	80 - 120	2	20
Thallium	500	493.3		ug/L		99	80 - 120	2	20
Vanadium	500	490.3		ug/L		98	80 - 120	2	20
Lead	500	499.3		ug/L		100	80 - 120	3	20
Zinc	500	497.6		ug/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-511713/1-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/09/24 13:41	12/09/24 17:00	1

Lab Sample ID: LCS 570-511713/2-A
Matrix: Water
Analysis Batch: 511752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	8.00	7.808		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-511713/3-A
Matrix: Water
Analysis Batch: 511752
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511713

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			8.00	7.986		ug/L		100	80 - 120	2	10

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-511006/1-A
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511006

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	0.0230	mg/Kg		12/06/24 14:50	12/09/24 13:16	1

Lab Sample ID: LCS 570-511006/2-A
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511006

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.385	0.3550		mg/Kg		92	80 - 120		

Lab Sample ID: LCSD 570-511006/3-A
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511006

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.408	0.3640		mg/Kg		89	80 - 120	3	10

Lab Sample ID: 570-209746-1 MS
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 511006

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.454	0.4159		mg/Kg	☼	92	80 - 120		

Lab Sample ID: 570-209746-1 MSD
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: SB46-2.0
Prep Type: Total/NA
Prep Batch: 511006

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.436	0.3984		mg/Kg	☼	91	80 - 120	4	20

Lab Sample ID: MB 570-511023/1-A
Matrix: Solid
Analysis Batch: 511796
Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850	0.0235	mg/Kg		12/06/24 15:15	12/09/24 12:11	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 570-511023/2-A
Matrix: Solid
Analysis Batch: 511796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.392	0.3577		mg/Kg		91	80 - 120

Lab Sample ID: LCSD 570-511023/3-A
Matrix: Solid
Analysis Batch: 511796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511023

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.400	0.3649		mg/Kg		91	80 - 120	2	10

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-511396/1
Matrix: Solid
Analysis Batch: 511396

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/08/24 10:48	1

Lab Sample ID: 570-209746-1 DU
Matrix: Solid
Analysis Batch: 511396

Client Sample ID: SB46-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	8.25		7.64		%		8	10

Lab Sample ID: MB 570-511404/1
Matrix: Solid
Analysis Batch: 511404

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/08/24 12:26	1

Lab Sample ID: 570-209746-9 DU
Matrix: Solid
Analysis Batch: 511404

Client Sample ID: SB37-15.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	16.3		16.4		%		1	10

Lab Sample ID: 570-209746-19 DU
Matrix: Solid
Analysis Batch: 511404

Client Sample ID: SB29-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.43		8.19		%		10	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-511491/4
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	0.0500	0.05622		mg/Kg	112	80 - 125	73 - 133	
1,1,1-Trichloroethane	0.0500	0.05688		mg/Kg	114	78 - 130	69 - 139	
1,1,2,2-Tetrachloroethane	0.0500	0.05285		mg/Kg	106	80 - 124	73 - 131	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05297		mg/Kg	106	73 - 130	64 - 140	
1,1,2-Trichloroethane	0.0500	0.05191		mg/Kg	104	80 - 123	73 - 130	
1,1-Dichloroethane	0.0500	0.05206		mg/Kg	104	79 - 124	72 - 132	
1,1-Dichloroethene	0.0500	0.05270		mg/Kg	105	74 - 132	64 - 142	
1,1-Dichloropropene	0.0500	0.05119		mg/Kg	102	78 - 130	69 - 139	
1,2,3-Trichlorobenzene	0.0500	0.05351		mg/Kg	107	80 - 123	73 - 130	
1,2,3-Trichloropropane	0.0500	0.05128		mg/Kg	103	79 - 120	72 - 127	
1,2,4-Trichlorobenzene	0.0500	0.05415		mg/Kg	108	80 - 125	73 - 133	
1,2,4-Trimethylbenzene	0.0500	0.05079		mg/Kg	102	80 - 124	73 - 131	
1,2-Dibromo-3-Chloropropane	0.0500	0.05454		mg/Kg	109	67 - 120	58 - 129	
1,2-Dibromoethane	0.0500	0.05516		mg/Kg	110	80 - 120	73 - 127	
1,2-Dichlorobenzene	0.0500	0.05110		mg/Kg	102	80 - 120	73 - 127	
1,2-Dichloroethane	0.0500	0.04984		mg/Kg	100	77 - 120	70 - 127	
1,2-Dichloropropane	0.0500	0.05311		mg/Kg	106	80 - 126	72 - 134	
1,3,5-Trimethylbenzene	0.0500	0.05245		mg/Kg	105	80 - 121	73 - 128	
1,3-Dichlorobenzene	0.0500	0.05266		mg/Kg	105	80 - 120	73 - 127	
1,3-Dichloropropane	0.0500	0.05117		mg/Kg	102	80 - 120	73 - 127	
1,4-Dichlorobenzene	0.0500	0.05136		mg/Kg	103	80 - 120	73 - 127	
2,2-Dichloropropane	0.0500	0.06531		mg/Kg	131	73 - 135	63 - 145	
2-Butanone (MEK)	0.0500	0.05824		mg/Kg	116	67 - 136	56 - 148	
2-Chlorotoluene	0.0500	0.05052		mg/Kg	101	80 - 120	73 - 127	
2-Hexanone	0.0500	0.05223		mg/Kg	104	70 - 137	59 - 148	
4-Chlorotoluene	0.0500	0.04954		mg/Kg	99	80 - 121	73 - 128	
4-Methyl-2-pentanone (MIBK)	0.0500	0.05451		mg/Kg	109	74 - 124	66 - 132	
Acetone	0.0500	0.05273		mg/Kg	105	61 - 142	48 - 156	
Benzene	0.0500	0.05101		mg/Kg	102	80 - 120	73 - 127	
Bromobenzene	0.0500	0.05220		mg/Kg	104	80 - 120	73 - 127	
Bromochloromethane	0.0500	0.05235		mg/Kg	105	80 - 120	73 - 127	
Bromodichloromethane	0.0500	0.05729		mg/Kg	115	80 - 125	73 - 133	
Bromoform	0.0500	0.05921		mg/Kg	118	74 - 138	63 - 149	
Bromomethane	0.0500	0.04961		mg/Kg	99	58 - 136	45 - 149	
cis-1,2-Dichloroethene	0.0500	0.05164		mg/Kg	103	80 - 124	73 - 131	
cis-1,3-Dichloropropene	0.0500	0.05876		mg/Kg	118	80 - 123	73 - 130	
Carbon disulfide	0.0500	0.05335		mg/Kg	107	68 - 128	58 - 138	
Carbon tetrachloride	0.0500	0.06216		mg/Kg	124	75 - 140	64 - 151	
Chlorobenzene	0.0500	0.05129		mg/Kg	103	80 - 120	73 - 127	
Chloroethane	0.0500	0.04870		mg/Kg	97	76 - 137	66 - 147	
Chloroform	0.0500	0.05114		mg/Kg	102	80 - 121	73 - 128	
Chloromethane	0.0500	0.04470		mg/Kg	89	74 - 133	64 - 143	
Dibromochloromethane	0.0500	0.05656		mg/Kg	113	80 - 132	71 - 141	
Dibromomethane	0.0500	0.05524		mg/Kg	110	80 - 120	73 - 127	
Dichlorodifluoromethane	0.0500	0.04963		mg/Kg	99	63 - 146	49 - 160	
Di-isopropyl ether (DIPE)	0.0500	0.05140		mg/Kg	103	73 - 132	63 - 142	
Ethanol	0.500	0.4329		mg/Kg	87	46 - 159	27 - 178	
Ethylbenzene	0.0500	0.05065		mg/Kg	101	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	0.0500	0.05486		mg/Kg	110	77 - 129	68 - 138	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511491/4
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Isopropylbenzene	0.0500	0.05192		mg/Kg	104	80 - 122	73 - 129	
Methylene Chloride	0.0500	0.04969		mg/Kg	99	74 - 120	66 - 128	
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05255		mg/Kg	105	79 - 123	72 - 130	
Naphthalene	0.0500	0.05193		mg/Kg	104	79 - 121	72 - 128	
n-Butylbenzene	0.0500	0.05375		mg/Kg	108	79 - 131	70 - 140	
N-Propylbenzene	0.0500	0.05265		mg/Kg	105	80 - 122	73 - 129	
o-Xylene	0.0500	0.05097		mg/Kg	102	80 - 120	73 - 127	
m,p-Xylene	0.100	0.1020		mg/Kg	102	80 - 120	73 - 127	
p-Isopropyltoluene	0.0500	0.05173		mg/Kg	103	80 - 126	72 - 134	
sec-Butylbenzene	0.0500	0.05163		mg/Kg	103	80 - 125	73 - 133	
Styrene	0.0500	0.05178		mg/Kg	104	80 - 120	73 - 127	
trans-1,2-Dichloroethene	0.0500	0.05173		mg/Kg	103	75 - 123	67 - 131	
trans-1,3-Dichloropropene	0.0500	0.06082		mg/Kg	122	80 - 124	73 - 131	
Tert-amyl-methyl ether (TAME)	0.0500	0.05447		mg/Kg	109	80 - 120	73 - 127	
tert-Butyl alcohol (TBA)	0.250	0.2568		mg/Kg	103	74 - 123	66 - 131	
tert-Butylbenzene	0.0500	0.05148		mg/Kg	103	80 - 124	73 - 131	
Tetrachloroethene	0.0500	0.05286		mg/Kg	106	80 - 122	73 - 129	
Toluene	0.0500	0.05260		mg/Kg	105	80 - 120	73 - 127	
Trichloroethene	0.0500	0.05386		mg/Kg	108	80 - 127	72 - 135	
Trichlorofluoromethane	0.0500	0.05214		mg/Kg	104	70 - 144	58 - 156	
Vinyl acetate	0.0500	0.06281	*+ me	mg/Kg	126	71 - 125	62 - 134	ME
Vinyl chloride	0.0500	0.04911		mg/Kg	98	79 - 133	70 - 142	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
71	4	1

ME = Marginal Exceedance

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	71.24		ug/L	71	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	68.84		ug/L	69	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	64.70		ug/L	65	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	62.83		ug/L	63	15 - 120	1 - 138	
1-Methylnaphthalene	100	69.53		ug/L	70	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	77.75		ug/L	78	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	77.91		ug/L	78	27 - 143	8 - 162	
2,4-Dichlorophenol	100	76.63		ug/L	77	22 - 128	4 - 146	
2,4-Dimethylphenol	100	68.66		ug/L	69	20 - 125	3 - 143	
2,4-Dinitrophenol	100	80.89		ug/L	81	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	73.98		ug/L	74	28 - 160	6 - 182	
2,6-Dichlorophenol	100	77.82		ug/L	78	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	74.96		ug/L	75	30 - 157	9 - 178	
2-Chloronaphthalene	100	69.42		ug/L	69	25 - 141	6 - 160	
2-Chlorophenol	100	73.35		ug/L	73	22 - 129	4 - 147	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2-Methylnaphthalene	100	73.92		ug/L	74	19 - 120	2 - 137	
2-Methylphenol	100	69.54		ug/L	70	15 - 130	1 - 149	
2-Nitroaniline	100	58.07		ug/L	58	17 - 141	1 - 162	
2-Nitrophenol	100	65.27		ug/L	65	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	46.77		ug/L	47	18 - 162	1 - 186	
3/4-Methylphenol	200	123.8		ug/L	62	10 - 120	1 - 138	
3-Nitroaniline	100	70.54		ug/L	71	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	78.37		ug/L	78	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	67.57		ug/L	68	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	69.85		ug/L	70	23 - 135	4 - 154	
4-Chloroaniline	100	57.89		ug/L	58	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	75.95		ug/L	76	27 - 150	7 - 171	
4-Nitroaniline	100	80.08		ug/L	80	16 - 151	1 - 174	
4-Nitrophenol	100	31.53		ug/L	32	10 - 120	1 - 138	
Acenaphthene	100	64.98		ug/L	65	26 - 143	7 - 163	
Acenaphthylene	100	63.27		ug/L	63	21 - 156	1 - 179	
Aniline	100	12.44		ug/L	12	10 - 120	1 - 138	
Anthracene	100	67.13		ug/L	67	28 - 155	7 - 176	
Azobenzene	100	47.71		ug/L	48	19 - 146	1 - 167	
Benzidine	100	34.83	J	ug/L	35	10 - 120	1 - 138	
Benzo[a]anthracene	100	68.70		ug/L	69	26 - 159	4 - 181	
Benzo[a]pyrene	100	72.23		ug/L	72	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	76.03		ug/L	76	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	65.73		ug/L	66	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	73.17		ug/L	73	30 - 165	8 - 188	
Benzoic acid	100	35.91	J	ug/L	36	10 - 123	1 - 142	
Benzyl alcohol	100	66.51		ug/L	67	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	60.84		ug/L	61	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	59.46		ug/L	59	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	41.70		ug/L	42	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	57.53		ug/L	58	27 - 163	4 - 186	
Butyl benzyl phthalate	100	58.38		ug/L	58	26 - 161	4 - 184	
Chrysene	100	65.80		ug/L	66	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	71.11		ug/L	71	26 - 153	5 - 174	
Dibenzofuran	100	70.67		ug/L	71	27 - 139	8 - 158	
Diethyl phthalate	100	69.36		ug/L	69	28 - 149	8 - 169	
Dimethyl phthalate	100	74.24		ug/L	74	29 - 148	9 - 168	
Di-n-butyl phthalate	100	59.56		ug/L	60	30 - 151	10 - 171	
Di-n-octyl phthalate	100	59.51		ug/L	60	40 - 166	19 - 187	
Fluoranthene	100	66.24		ug/L	66	28 - 159	6 - 181	
Fluorene	100	73.47		ug/L	73	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	75.99		ug/L	76	17 - 120	1 - 137	
Hexachlorobenzene	100	61.03		ug/L	61	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	77.53		ug/L	78	21 - 145	1 - 166	
Hexachloroethane	100	57.57		ug/L	58	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	72.31		ug/L	72	23 - 162	1 - 185	
Isophorone	100	55.25		ug/L	55	15 - 146	1 - 168	
Naphthalene	100	66.02		ug/L	66	19 - 120	2 - 137	
Nitrobenzene	100	57.31		ug/L	57	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	34.19		ug/L	34	10 - 120	1 - 138	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510363/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
N-Nitrosodi-n-propylamine	100	58.34		ug/L	58	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	75.22		ug/L	75	30 - 168	7 - 191	
Pentachlorophenol	100	74.69		ug/L	75	10 - 153	1 - 177	
Phenanthrene	100	64.20		ug/L	64	27 - 150	7 - 171	
Phenol	100	27.87		ug/L	28	10 - 120	1 - 138	
Pyrene	100	67.27		ug/L	67	23 - 153	1 - 175	
Pyridine	100	ND	*-	ug/L	0	10 - 120	1 - 138	X

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	0

X = % Recovery is greater than widest possible limit

Lab Sample ID: LCS 570-510949/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	5.00	4.424		mg/Kg	88	24 - 137	5 - 156	
1,2-Dichlorobenzene	5.00	3.872		mg/Kg	77	24 - 148	3 - 169	
1,3-Dichlorobenzene	5.00	3.826		mg/Kg	77	22 - 144	2 - 164	
1,4-Dichlorobenzene	5.00	3.604		mg/Kg	72	24 - 143	4 - 163	
1-Methylnaphthalene	5.00	4.107		mg/Kg	82	26 - 143	7 - 163	
2,4,5-Trichlorophenol	5.00	4.036		mg/Kg	81	24 - 139	5 - 158	
2,4,6-Trichlorophenol	5.00	3.951		mg/Kg	79	26 - 140	7 - 159	
2,4-Dichlorophenol	5.00	4.620		mg/Kg	92	24 - 139	5 - 158	
2,4-Dimethylphenol	5.00	4.418		mg/Kg	88	23 - 136	4 - 155	
2,4-Dinitrophenol	5.00	3.899		mg/Kg	78	10 - 174	1 - 201	
2,4-Dinitrotoluene	5.00	3.792		mg/Kg	76	28 - 166	5 - 189	
2,6-Dichlorophenol	5.00	4.302		mg/Kg	86	23 - 134	5 - 153	
2,6-Dinitrotoluene	5.00	3.752		mg/Kg	75	30 - 157	9 - 178	
2-Chloronaphthalene	5.00	3.947		mg/Kg	79	30 - 144	11 - 163	
2-Chlorophenol	5.00	4.318		mg/Kg	86	26 - 157	4 - 179	
2-Methylnaphthalene	5.00	4.640		mg/Kg	93	23 - 134	5 - 153	
2-Methylphenol	5.00	4.100		mg/Kg	82	30 - 161	8 - 183	
2-Nitroaniline	5.00	3.827		mg/Kg	77	16 - 142	1 - 163	
2-Nitrophenol	5.00	4.055		mg/Kg	81	23 - 142	3 - 162	
3,3'-Dichlorobenzidine	5.00	3.132		mg/Kg	63	28 - 143	9 - 162	
3/4-Methylphenol	10.0	7.992		mg/Kg	80	10 - 120	1 - 138	
3-Nitroaniline	5.00	3.198		mg/Kg	64	25 - 138	6 - 157	
4,6-Dinitro-2-methylphenol	5.00	4.272		mg/Kg	85	10 - 144	1 - 166	
4-Bromophenyl phenyl ether	5.00	3.763		mg/Kg	75	33 - 150	14 - 170	
4-Chloro-3-methylphenol	5.00	4.631		mg/Kg	93	23 - 142	3 - 162	
4-Chloroaniline	5.00	3.434		mg/Kg	69	12 - 120	1 - 138	
4-Chlorophenyl phenyl ether	5.00	3.911		mg/Kg	78	29 - 143	10 - 162	
4-Nitroaniline	5.00	3.503		mg/Kg	70	26 - 147	6 - 167	
4-Nitrophenol	5.00	3.580		mg/Kg	72	10 - 145	1 - 168	
Acenaphthene	5.00	3.811		mg/Kg	76	30 - 144	11 - 163	
Acenaphthylene	5.00	3.604		mg/Kg	72	28 - 148	8 - 168	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-510949/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Aniline	5.00	3.069		mg/Kg	61	10 - 120	1 - 138	
Anthracene	5.00	3.909		mg/Kg	78	30 - 149	10 - 169	
Azobenzene	5.00	3.814		mg/Kg	76	14 - 147	1 - 169	
Benzidine	5.00	ND	*-	mg/Kg	0	10 - 120	1 - 138	X
Benzo[a]anthracene	5.00	4.058		mg/Kg	81	27 - 156	6 - 178	
Benzo[a]pyrene	5.00	4.083		mg/Kg	82	36 - 157	16 - 177	
Benzo[b]fluoranthene	5.00	4.114		mg/Kg	82	35 - 159	14 - 180	
Benzo[g,h,i]perylene	5.00	4.007		mg/Kg	80	30 - 156	9 - 177	
Benzo[k]fluoranthene	5.00	3.890		mg/Kg	78	35 - 159	14 - 180	
Benzoic acid	5.00	2.422	J	mg/Kg	48	10 - 136	1 - 157	
Benzyl alcohol	5.00	4.068		mg/Kg	81	18 - 154	1 - 177	
Bis(2-chloroethoxy)methane	5.00	4.200		mg/Kg	84	21 - 140	1 - 160	
Bis(2-chloroethyl)ether	5.00	3.712		mg/Kg	74	22 - 151	1 - 173	
bis (2-Chloroisopropyl) ether	5.00	3.821		mg/Kg	76	10 - 179	1 - 207	
Bis(2-ethylhexyl) phthalate	5.00	3.751		mg/Kg	75	23 - 166	1 - 190	
Butyl benzyl phthalate	5.00	3.782		mg/Kg	76	18 - 170	1 - 195	
Chrysene	5.00	3.842		mg/Kg	77	28 - 145	9 - 165	
Dibenz(a,h)anthracene	5.00	4.180		mg/Kg	84	32 - 149	13 - 169	
Dibenzofuran	5.00	3.937		mg/Kg	79	29 - 143	10 - 162	
Diethyl phthalate	5.00	3.823		mg/Kg	76	26 - 151	5 - 172	
Dimethyl phthalate	5.00	3.709		mg/Kg	74	27 - 150	7 - 171	
Di-n-butyl phthalate	5.00	3.849		mg/Kg	77	27 - 152	6 - 173	
Di-n-octyl phthalate	5.00	3.734		mg/Kg	75	40 - 178	17 - 201	
Fluoranthene	5.00	3.857		mg/Kg	77	33 - 156	13 - 177	
Fluorene	5.00	3.986		mg/Kg	80	27 - 146	7 - 166	
Hexachloro-1,3-butadiene	5.00	4.636		mg/Kg	93	22 - 140	2 - 160	
Hexachlorobenzene	5.00	3.888		mg/Kg	78	20 - 143	1 - 164	
Hexachlorocyclopentadiene	5.00	4.559		mg/Kg	91	10 - 172	1 - 199	
Hexachloroethane	5.00	3.511		mg/Kg	70	22 - 144	2 - 164	
Indeno[1,2,3-cd]pyrene	5.00	4.184		mg/Kg	84	38 - 157	18 - 177	
Isophorone	5.00	3.737		mg/Kg	75	15 - 165	1 - 190	
Naphthalene	5.00	4.323		mg/Kg	86	25 - 140	6 - 159	
Nitrobenzene	5.00	4.303		mg/Kg	86	17 - 136	1 - 156	
N-Nitrosodimethylamine	5.00	3.289		mg/Kg	66	10 - 134	1 - 155	
N-Nitrosodi-n-propylamine	5.00	3.608		mg/Kg	72	16 - 158	1 - 182	
n-Nitrosodiphenylamine(as diphenylamine)	5.00	4.586		mg/Kg	92	33 - 166	11 - 188	
Pentachlorophenol	5.00	4.648		mg/Kg	93	10 - 141	1 - 163	
Phenanthrene	5.00	3.890		mg/Kg	78	29 - 144	10 - 163	
Phenol	5.00	4.110		mg/Kg	82	19 - 164	1 - 188	
Pyrene	5.00	3.952		mg/Kg	79	17 - 156	1 - 179	
Pyridine	5.00	3.453		mg/Kg	69	10 - 120	1 - 138	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 510778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	8260B	
570-209746-23	TB_20241205	Total/NA	Water	8260B	
MB 570-510778/7	Method Blank	Total/NA	Water	8260B	
LCS 570-510778/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-510778/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 510793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-14	SB33-5.0	Total/NA	Solid	8260B	510885
570-209746-15	SB33-15.0	Total/NA	Solid	8260B	510885
570-209746-17	SB31-6.0	Total/NA	Solid	8260B	510885
570-209746-18	SB31-15.0	Total/NA	Solid	8260B	510885
570-209746-19	SB29-2.0	Total/NA	Solid	8260B	510885
570-209746-20	SB29-5.0	Total/NA	Solid	8260B	510885
570-209746-21	SB29-15.0	Total/NA	Solid	8260B	510885
MB 570-510793/7	Method Blank	Total/NA	Solid	8260B	
MB 570-510793/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-510793/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510793/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 510795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	8260B	510885
570-209746-2	SB46-5.0	Total/NA	Solid	8260B	510885
570-209746-3	SB46-15.0	Total/NA	Solid	8260B	510885
570-209746-4	SB47-2.0	Total/NA	Solid	8260B	510885
570-209746-5	SB47-5.0	Total/NA	Solid	8260B	510885
570-209746-6	SB47-15.0	Total/NA	Solid	8260B	510885
570-209746-7	SB37-2.0	Total/NA	Solid	8260B	510885
570-209746-8	SB37-5.0	Total/NA	Solid	8260B	510885
570-209746-9	SB37-15.0	Total/NA	Solid	8260B	510885
570-209746-11	SB35-5.0	Total/NA	Solid	8260B	510885
570-209746-12	SB35-15.0	Total/NA	Solid	8260B	510885
570-209746-13	SB33-1.5	Total/NA	Solid	8260B	510885
MB 570-510795/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-510795/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-510795/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 510885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	5035	
570-209746-2	SB46-5.0	Total/NA	Solid	5035	
570-209746-3	SB46-15.0	Total/NA	Solid	5035	
570-209746-4	SB47-2.0	Total/NA	Solid	5035	
570-209746-5	SB47-5.0	Total/NA	Solid	5035	
570-209746-6	SB47-15.0	Total/NA	Solid	5035	
570-209746-7	SB37-2.0	Total/NA	Solid	5035	
570-209746-8	SB37-5.0	Total/NA	Solid	5035	
570-209746-9	SB37-15.0	Total/NA	Solid	5035	
570-209746-10	SB35-2.0	Total/NA	Solid	5035	
570-209746-11	SB35-5.0	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 510885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-12	SB35-15.0	Total/NA	Solid	5035	
570-209746-13	SB33-1.5	Total/NA	Solid	5035	
570-209746-14	SB33-5.0	Total/NA	Solid	5035	
570-209746-15	SB33-15.0	Total/NA	Solid	5035	
570-209746-17	SB31-6.0	Total/NA	Solid	5035	
570-209746-18	SB31-15.0	Total/NA	Solid	5035	
570-209746-19	SB29-2.0	Total/NA	Solid	5035	
570-209746-20	SB29-5.0	Total/NA	Solid	5035	
570-209746-21	SB29-15.0	Total/NA	Solid	5035	

Analysis Batch: 511491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-10	SB35-2.0	Total/NA	Solid	8260B	510885
MB 570-511491/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-511491/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-511491/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 510363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	3510C	
MB 570-510363/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 510534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	3510C	
MB 570-510534/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 510948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	3546	
570-209746-2	SB46-5.0	Total/NA	Solid	3546	
570-209746-3	SB46-15.0	Total/NA	Solid	3546	
570-209746-4	SB47-2.0	Total/NA	Solid	3546	
570-209746-5	SB47-5.0	Total/NA	Solid	3546	
570-209746-6	SB47-15.0	Total/NA	Solid	3546	
570-209746-7	SB37-2.0	Total/NA	Solid	3546	
570-209746-8	SB37-5.0	Total/NA	Solid	3546	
570-209746-9	SB37-15.0	Total/NA	Solid	3546	
570-209746-10	SB35-2.0	Total/NA	Solid	3546	
570-209746-11	SB35-5.0	Total/NA	Solid	3546	
570-209746-12	SB35-15.0	Total/NA	Solid	3546	
570-209746-13	SB33-1.5	Total/NA	Solid	3546	
570-209746-14	SB33-5.0	Total/NA	Solid	3546	
570-209746-15	SB33-15.0	Total/NA	Solid	3546	
570-209746-16	SB31-2.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 510948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-17	SB31-6.0	Total/NA	Solid	3546	
570-209746-18	SB31-15.0	Total/NA	Solid	3546	
570-209746-19	SB29-2.0	Total/NA	Solid	3546	
MB 570-510948/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510948/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510948/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209746-1 MS	SB46-2.0	Total/NA	Solid	3546	
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	3546	

Prep Batch: 510949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	3546	
570-209746-2	SB46-5.0	Total/NA	Solid	3546	
570-209746-3	SB46-15.0	Total/NA	Solid	3546	
570-209746-4	SB47-2.0	Total/NA	Solid	3546	
570-209746-5	SB47-5.0	Total/NA	Solid	3546	
570-209746-6	SB47-15.0	Total/NA	Solid	3546	
570-209746-7	SB37-2.0	Total/NA	Solid	3546	
570-209746-8	SB37-5.0	Total/NA	Solid	3546	
570-209746-9	SB37-15.0	Total/NA	Solid	3546	
570-209746-10	SB35-2.0	Total/NA	Solid	3546	
570-209746-11	SB35-5.0	Total/NA	Solid	3546	
570-209746-12	SB35-15.0	Total/NA	Solid	3546	
570-209746-13	SB33-1.5	Total/NA	Solid	3546	
570-209746-14	SB33-5.0	Total/NA	Solid	3546	
570-209746-15	SB33-15.0	Total/NA	Solid	3546	
570-209746-16	SB31-2.0	Total/NA	Solid	3546	
570-209746-17	SB31-6.0	Total/NA	Solid	3546	
570-209746-18	SB31-15.0	Total/NA	Solid	3546	
570-209746-19	SB29-2.0	Total/NA	Solid	3546	
MB 570-510949/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510949/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510949/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209746-1 MS	SB46-2.0	Total/NA	Solid	3546	
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	3546	

Prep Batch: 510957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-20	SB29-5.0	Total/NA	Solid	3546	
570-209746-21	SB29-15.0	Total/NA	Solid	3546	
MB 570-510957/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510957/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510957/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 510959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-20	SB29-5.0	Total/NA	Solid	3546	
570-209746-21	SB29-15.0	Total/NA	Solid	3546	
MB 570-510959/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-510959/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-510959/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

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Analysis Batch: 511619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	8270C	510363
MB 570-510363/1-A	Method Blank	Total/NA	Water	8270C	510363
LCS 570-510363/2-A	Lab Control Sample	Total/NA	Water	8270C	510363
LCSD 570-510363/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	510363

Analysis Batch: 511708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	8270C SIM	510534
MB 570-510534/1-A	Method Blank	Total/NA	Water	8270C SIM	510534
LCS 570-510534/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	510534
LCSD 570-510534/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	510534

Analysis Batch: 512012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-20	SB29-5.0	Total/NA	Solid	8270C	510959
570-209746-21	SB29-15.0	Total/NA	Solid	8270C	510959

Analysis Batch: 512015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-2	SB46-5.0	Total/NA	Solid	8270C SIM	510948
570-209746-3	SB46-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-4	SB47-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-5	SB47-5.0	Total/NA	Solid	8270C SIM	510948
570-209746-6	SB47-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-7	SB37-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-8	SB37-5.0	Total/NA	Solid	8270C SIM	510948
570-209746-9	SB37-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-10	SB35-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-11	SB35-5.0	Total/NA	Solid	8270C SIM	510948
570-209746-12	SB35-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-13	SB33-1.5	Total/NA	Solid	8270C SIM	510948
570-209746-14	SB33-5.0	Total/NA	Solid	8270C SIM	510948
570-209746-15	SB33-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-16	SB31-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-17	SB31-6.0	Total/NA	Solid	8270C SIM	510948
570-209746-18	SB31-15.0	Total/NA	Solid	8270C SIM	510948
570-209746-19	SB29-2.0	Total/NA	Solid	8270C SIM	510948
MB 570-510948/1-A	Method Blank	Total/NA	Solid	8270C SIM	510948
LCS 570-510948/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510948
LCSD 570-510948/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510948
570-209746-1 MS	SB46-2.0	Total/NA	Solid	8270C SIM	510948
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	8270C SIM	510948

Analysis Batch: 512018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-20	SB29-5.0	Total/NA	Solid	8270C SIM	510957
570-209746-21	SB29-15.0	Total/NA	Solid	8270C SIM	510957
MB 570-510957/1-A	Method Blank	Total/NA	Solid	8270C SIM	510957
LCS 570-510957/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	510957
LCSD 570-510957/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	510957

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Analysis Batch: 512028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-510959/1-A	Method Blank	Total/NA	Solid	8270C	510959
LCS 570-510959/2-A	Lab Control Sample	Total/NA	Solid	8270C	510959
LCSD 570-510959/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510959

Analysis Batch: 512234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	8270C	510949
570-209746-2	SB46-5.0	Total/NA	Solid	8270C	510949
570-209746-3	SB46-15.0	Total/NA	Solid	8270C	510949
570-209746-4	SB47-2.0	Total/NA	Solid	8270C	510949
570-209746-5	SB47-5.0	Total/NA	Solid	8270C	510949
570-209746-6	SB47-15.0	Total/NA	Solid	8270C	510949
570-209746-7	SB37-2.0	Total/NA	Solid	8270C	510949
570-209746-8	SB37-5.0	Total/NA	Solid	8270C	510949
570-209746-9	SB37-15.0	Total/NA	Solid	8270C	510949
570-209746-10	SB35-2.0	Total/NA	Solid	8270C	510949
570-209746-11	SB35-5.0	Total/NA	Solid	8270C	510949
570-209746-12	SB35-15.0	Total/NA	Solid	8270C	510949
570-209746-13	SB33-1.5	Total/NA	Solid	8270C	510949
570-209746-14	SB33-5.0	Total/NA	Solid	8270C	510949
570-209746-15	SB33-15.0	Total/NA	Solid	8270C	510949
570-209746-16	SB31-2.0	Total/NA	Solid	8270C	510949
570-209746-17	SB31-6.0	Total/NA	Solid	8270C	510949
570-209746-18	SB31-15.0	Total/NA	Solid	8270C	510949
570-209746-19	SB29-2.0	Total/NA	Solid	8270C	510949
MB 570-510949/1-A	Method Blank	Total/NA	Solid	8270C	510949
LCS 570-510949/2-A	Lab Control Sample	Total/NA	Solid	8270C	510949
LCSD 570-510949/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	510949
570-209746-1 MS	SB46-2.0	Total/NA	Solid	8270C	510949
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	8270C	510949

GC VOA

Prep Batch: 510885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	5035	
570-209746-2	SB46-5.0	Total/NA	Solid	5035	
570-209746-3	SB46-15.0	Total/NA	Solid	5035	
570-209746-4	SB47-2.0	Total/NA	Solid	5035	
570-209746-5	SB47-5.0	Total/NA	Solid	5035	
570-209746-6	SB47-15.0	Total/NA	Solid	5035	
570-209746-7	SB37-2.0	Total/NA	Solid	5035	
570-209746-8	SB37-5.0	Total/NA	Solid	5035	
570-209746-9	SB37-15.0	Total/NA	Solid	5035	
570-209746-10	SB35-2.0	Total/NA	Solid	5035	
570-209746-11	SB35-5.0	Total/NA	Solid	5035	
570-209746-12	SB35-15.0	Total/NA	Solid	5035	
570-209746-13	SB33-1.5	Total/NA	Solid	5035	
570-209746-14	SB33-5.0	Total/NA	Solid	5035	
570-209746-15	SB33-15.0	Total/NA	Solid	5035	
570-209746-16	SB31-2.0	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 510885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-17	SB31-6.0	Total/NA	Solid	5035	
570-209746-18	SB31-15.0	Total/NA	Solid	5035	
570-209746-19	SB29-2.0	Total/NA	Solid	5035	
570-209746-20	SB29-5.0	Total/NA	Solid	5035	
570-209746-21	SB29-15.0	Total/NA	Solid	5035	

Analysis Batch: 511806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	8015B	
MB 570-511806/34	Method Blank	Total/NA	Water	8015B	
LCS 570-511806/32	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-511806/33	Lab Control Sample Dup	Total/NA	Water	8015B	

Analysis Batch: 512124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	8015B	510885
570-209746-2	SB46-5.0	Total/NA	Solid	8015B	510885
570-209746-3	SB46-15.0	Total/NA	Solid	8015B	510885
570-209746-4	SB47-2.0	Total/NA	Solid	8015B	510885
570-209746-5	SB47-5.0	Total/NA	Solid	8015B	510885
570-209746-6	SB47-15.0	Total/NA	Solid	8015B	510885
570-209746-7	SB37-2.0	Total/NA	Solid	8015B	510885
570-209746-8	SB37-5.0	Total/NA	Solid	8015B	510885
570-209746-9	SB37-15.0	Total/NA	Solid	8015B	510885
570-209746-11	SB35-5.0	Total/NA	Solid	8015B	510885
570-209746-12	SB35-15.0	Total/NA	Solid	8015B	510885
570-209746-13	SB33-1.5	Total/NA	Solid	8015B	510885
570-209746-15	SB33-15.0	Total/NA	Solid	8015B	510885
570-209746-17	SB31-6.0	Total/NA	Solid	8015B	510885
570-209746-18	SB31-15.0	Total/NA	Solid	8015B	510885
MB 570-512124/7	Method Blank	Total/NA	Solid	8015B	
LCS 570-512124/5	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512124/6	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-19	SB29-2.0	Total/NA	Solid	8015B	510885
570-209746-20	SB29-5.0	Total/NA	Solid	8015B	510885
570-209746-21	SB29-15.0	Total/NA	Solid	8015B	510885
MB 570-512317/33	Method Blank	Total/NA	Solid	8015B	
MB 570-512317/34	Method Blank	Total/NA	Solid	8015B	
LCS 570-512317/31	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512317/32	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-10	SB35-2.0	Total/NA	Solid	8015B	510885
570-209746-14	SB33-5.0	Total/NA	Solid	8015B	510885
570-209746-16	SB31-2.0	Total/NA	Solid	8015B	510885
MB 570-512651/6	Method Blank	Total/NA	Solid	8015B	
MB 570-512651/7	Method Blank	Total/NA	Solid	8015B	

GC VOA (Continued)

Analysis Batch: 512651 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-512651/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512651/5	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 511025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	3550C	
570-209746-2	SB46-5.0	Total/NA	Solid	3550C	
570-209746-3	SB46-15.0	Total/NA	Solid	3550C	
570-209746-4	SB47-2.0	Total/NA	Solid	3550C	
570-209746-5	SB47-5.0	Total/NA	Solid	3550C	
570-209746-6	SB47-15.0	Total/NA	Solid	3550C	
570-209746-7	SB37-2.0	Total/NA	Solid	3550C	
570-209746-8	SB37-5.0	Total/NA	Solid	3550C	
570-209746-9	SB37-15.0	Total/NA	Solid	3550C	
570-209746-10	SB35-2.0	Total/NA	Solid	3550C	
570-209746-11	SB35-5.0	Total/NA	Solid	3550C	
MB 570-511025/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-511025/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-511025/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Prep Batch: 511106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	3510C	
MB 570-511106/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-511106/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-511106/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 511309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-511025/1-A	Method Blank	Total/NA	Solid	8015B	511025
LCS 570-511025/2-A	Lab Control Sample	Total/NA	Solid	8015B	511025
LCSD 570-511025/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	511025

Prep Batch: 511348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-12	SB35-15.0	Total/NA	Solid	3550C	
570-209746-13	SB33-1.5	Total/NA	Solid	3550C	
570-209746-14	SB33-5.0	Total/NA	Solid	3550C	
570-209746-15	SB33-15.0	Total/NA	Solid	3550C	
570-209746-16	SB31-2.0	Total/NA	Solid	3550C	
570-209746-17	SB31-6.0	Total/NA	Solid	3550C	
570-209746-18	SB31-15.0	Total/NA	Solid	3550C	
570-209746-19	SB29-2.0	Total/NA	Solid	3550C	
570-209746-20	SB29-5.0	Total/NA	Solid	3550C	
570-209746-21	SB29-15.0	Total/NA	Solid	3550C	
MB 570-511348/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-511348/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-511348/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-209746-12 MS	SB35-15.0	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 511348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-12 MSD	SB35-15.0	Total/NA	Solid	3550C	

Analysis Batch: 511358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	8015B	511025
570-209746-2	SB46-5.0	Total/NA	Solid	8015B	511025
570-209746-3	SB46-15.0	Total/NA	Solid	8015B	511025
570-209746-4	SB47-2.0	Total/NA	Solid	8015B	511025
570-209746-5	SB47-5.0	Total/NA	Solid	8015B	511025
570-209746-6	SB47-15.0	Total/NA	Solid	8015B	511025
570-209746-7	SB37-2.0	Total/NA	Solid	8015B	511025
570-209746-8	SB37-5.0	Total/NA	Solid	8015B	511025
570-209746-9	SB37-15.0	Total/NA	Solid	8015B	511025
570-209746-10	SB35-2.0	Total/NA	Solid	8015B	511025
570-209746-11	SB35-5.0	Total/NA	Solid	8015B	511025

Analysis Batch: 511406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	8015B	511106
MB 570-511106/1-A	Method Blank	Total/NA	Water	8015B	511106
LCS 570-511106/2-A	Lab Control Sample	Total/NA	Water	8015B	511106
LCSD 570-511106/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	511106

Analysis Batch: 511641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-12	SB35-15.0	Total/NA	Solid	8015B	511348
570-209746-13	SB33-1.5	Total/NA	Solid	8015B	511348
570-209746-14	SB33-5.0	Total/NA	Solid	8015B	511348
570-209746-15	SB33-15.0	Total/NA	Solid	8015B	511348
570-209746-16	SB31-2.0	Total/NA	Solid	8015B	511348
570-209746-17	SB31-6.0	Total/NA	Solid	8015B	511348
570-209746-18	SB31-15.0	Total/NA	Solid	8015B	511348
570-209746-19	SB29-2.0	Total/NA	Solid	8015B	511348
570-209746-20	SB29-5.0	Total/NA	Solid	8015B	511348
570-209746-21	SB29-15.0	Total/NA	Solid	8015B	511348
MB 570-511348/1-A	Method Blank	Total/NA	Solid	8015B	511348
LCS 570-511348/2-A	Lab Control Sample	Total/NA	Solid	8015B	511348
LCSD 570-511348/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	511348
570-209746-12 MS	SB35-15.0	Total/NA	Solid	8015B	511348
570-209746-12 MSD	SB35-15.0	Total/NA	Solid	8015B	511348

Metals

Prep Batch: 510813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	3005A	
MB 570-510813/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-510813/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-510813/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Metals

Prep Batch: 511006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	7471A	
570-209746-2	SB46-5.0	Total/NA	Solid	7471A	
570-209746-3	SB46-15.0	Total/NA	Solid	7471A	
570-209746-4	SB47-2.0	Total/NA	Solid	7471A	
570-209746-5	SB47-5.0	Total/NA	Solid	7471A	
570-209746-6	SB47-15.0	Total/NA	Solid	7471A	
570-209746-7	SB37-2.0	Total/NA	Solid	7471A	
570-209746-8	SB37-5.0	Total/NA	Solid	7471A	
570-209746-9	SB37-15.0	Total/NA	Solid	7471A	
570-209746-10	SB35-2.0	Total/NA	Solid	7471A	
570-209746-11	SB35-5.0	Total/NA	Solid	7471A	
570-209746-12	SB35-15.0	Total/NA	Solid	7471A	
570-209746-13	SB33-1.5	Total/NA	Solid	7471A	
570-209746-14	SB33-5.0	Total/NA	Solid	7471A	
570-209746-15	SB33-15.0	Total/NA	Solid	7471A	
570-209746-16	SB31-2.0	Total/NA	Solid	7471A	
570-209746-17	SB31-6.0	Total/NA	Solid	7471A	
570-209746-18	SB31-15.0	Total/NA	Solid	7471A	
570-209746-19	SB29-2.0	Total/NA	Solid	7471A	
570-209746-20	SB29-5.0	Total/NA	Solid	7471A	
MB 570-511006/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-511006/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-511006/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209746-1 MS	SB46-2.0	Total/NA	Solid	7471A	
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	7471A	

Prep Batch: 511023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-21	SB29-15.0	Total/NA	Solid	7471A	
MB 570-511023/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-511023/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-511023/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 511131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	6010B	510813
MB 570-510813/1-A	Method Blank	Total Recoverable	Water	6010B	510813
LCS 570-510813/2-A	Lab Control Sample	Total Recoverable	Water	6010B	510813
LCSD 570-510813/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	510813

Prep Batch: 511613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-21	SB29-15.0	Total/NA	Solid	3051A	
MB 570-511613/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-511613/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-511613/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	

Prep Batch: 511625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	3051A	
570-209746-2	SB46-5.0	Total/NA	Solid	3051A	

Metals (Continued)

Prep Batch: 511625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-3	SB46-15.0	Total/NA	Solid	3051A	
570-209746-4	SB47-2.0	Total/NA	Solid	3051A	
570-209746-5	SB47-5.0	Total/NA	Solid	3051A	
570-209746-6	SB47-15.0	Total/NA	Solid	3051A	
570-209746-7	SB37-2.0	Total/NA	Solid	3051A	
570-209746-8	SB37-5.0	Total/NA	Solid	3051A	
570-209746-9	SB37-15.0	Total/NA	Solid	3051A	
570-209746-10	SB35-2.0	Total/NA	Solid	3051A	
570-209746-11	SB35-5.0	Total/NA	Solid	3051A	
570-209746-12	SB35-15.0	Total/NA	Solid	3051A	
570-209746-13	SB33-1.5	Total/NA	Solid	3051A	
570-209746-14	SB33-5.0	Total/NA	Solid	3051A	
570-209746-15	SB33-15.0	Total/NA	Solid	3051A	
570-209746-16	SB31-2.0	Total/NA	Solid	3051A	
570-209746-17	SB31-6.0	Total/NA	Solid	3051A	
570-209746-18	SB31-15.0	Total/NA	Solid	3051A	
570-209746-19	SB29-2.0	Total/NA	Solid	3051A	
570-209746-20	SB29-5.0	Total/NA	Solid	3051A	
MB 570-511625/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-511625/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-511625/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-209746-1 MS	SB46-2.0	Total/NA	Solid	3051A	
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	3051A	

Prep Batch: 511713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	7470A	
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 511752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-22	EB_20241205	Total/NA	Water	7470A	511713
MB 570-511713/1-A	Method Blank	Total/NA	Water	7470A	511713
LCS 570-511713/2-A	Lab Control Sample	Total/NA	Water	7470A	511713
LCSD 570-511713/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	511713

Analysis Batch: 511796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	7471A	511006
570-209746-2	SB46-5.0	Total/NA	Solid	7471A	511006
570-209746-3	SB46-15.0	Total/NA	Solid	7471A	511006
570-209746-4	SB47-2.0	Total/NA	Solid	7471A	511006
570-209746-5	SB47-5.0	Total/NA	Solid	7471A	511006
570-209746-6	SB47-15.0	Total/NA	Solid	7471A	511006
570-209746-7	SB37-2.0	Total/NA	Solid	7471A	511006
570-209746-8	SB37-5.0	Total/NA	Solid	7471A	511006
570-209746-9	SB37-15.0	Total/NA	Solid	7471A	511006
570-209746-10	SB35-2.0	Total/NA	Solid	7471A	511006
570-209746-11	SB35-5.0	Total/NA	Solid	7471A	511006

Metals (Continued)

Analysis Batch: 511796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-12	SB35-15.0	Total/NA	Solid	7471A	511006
570-209746-13	SB33-1.5	Total/NA	Solid	7471A	511006
570-209746-14	SB33-5.0	Total/NA	Solid	7471A	511006
570-209746-15	SB33-15.0	Total/NA	Solid	7471A	511006
570-209746-16	SB31-2.0	Total/NA	Solid	7471A	511006
570-209746-17	SB31-6.0	Total/NA	Solid	7471A	511006
570-209746-18	SB31-15.0	Total/NA	Solid	7471A	511006
570-209746-19	SB29-2.0	Total/NA	Solid	7471A	511006
570-209746-20	SB29-5.0	Total/NA	Solid	7471A	511006
570-209746-21	SB29-15.0	Total/NA	Solid	7471A	511023
MB 570-511006/1-A	Method Blank	Total/NA	Solid	7471A	511006
MB 570-511023/1-A	Method Blank	Total/NA	Solid	7471A	511023
LCS 570-511006/2-A	Lab Control Sample	Total/NA	Solid	7471A	511006
LCS 570-511023/2-A	Lab Control Sample	Total/NA	Solid	7471A	511023
LCSD 570-511006/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	511006
LCSD 570-511023/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	511023
570-209746-1 MS	SB46-2.0	Total/NA	Solid	7471A	511006
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	7471A	511006

Analysis Batch: 512272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-21	SB29-15.0	Total/NA	Solid	6010B	511613
MB 570-511613/1-A ^2	Method Blank	Total/NA	Solid	6010B	511613
LCS 570-511613/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	511613
LCSD 570-511613/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	511613

Analysis Batch: 512483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	6010B	511625
570-209746-2	SB46-5.0	Total/NA	Solid	6010B	511625
570-209746-3	SB46-15.0	Total/NA	Solid	6010B	511625
570-209746-4	SB47-2.0	Total/NA	Solid	6010B	511625
570-209746-5	SB47-5.0	Total/NA	Solid	6010B	511625
570-209746-6	SB47-15.0	Total/NA	Solid	6010B	511625
570-209746-7	SB37-2.0	Total/NA	Solid	6010B	511625
570-209746-8	SB37-5.0	Total/NA	Solid	6010B	511625
570-209746-9	SB37-15.0	Total/NA	Solid	6010B	511625
570-209746-10	SB35-2.0	Total/NA	Solid	6010B	511625
570-209746-11	SB35-5.0	Total/NA	Solid	6010B	511625
570-209746-12	SB35-15.0	Total/NA	Solid	6010B	511625
570-209746-13	SB33-1.5	Total/NA	Solid	6010B	511625
570-209746-14	SB33-5.0	Total/NA	Solid	6010B	511625
570-209746-15	SB33-15.0	Total/NA	Solid	6010B	511625
570-209746-16	SB31-2.0	Total/NA	Solid	6010B	511625
570-209746-17	SB31-6.0	Total/NA	Solid	6010B	511625
570-209746-18	SB31-15.0	Total/NA	Solid	6010B	511625
570-209746-19	SB29-2.0	Total/NA	Solid	6010B	511625
570-209746-20	SB29-5.0	Total/NA	Solid	6010B	511625
MB 570-511625/1-A ^2	Method Blank	Total/NA	Solid	6010B	511625
LCS 570-511625/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	511625
LCSD 570-511625/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	511625

Metals (Continued)

Analysis Batch: 512483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1 MS	SB46-2.0	Total/NA	Solid	6010B	511625
570-209746-1 MSD	SB46-2.0	Total/NA	Solid	6010B	511625

General Chemistry

Analysis Batch: 511396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-1	SB46-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-2	SB46-5.0	Total/NA	Solid	Moisture - 2540	
570-209746-3	SB46-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-4	SB47-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-5	SB47-5.0	Total/NA	Solid	Moisture - 2540	
570-209746-6	SB47-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-7	SB37-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-8	SB37-5.0	Total/NA	Solid	Moisture - 2540	
MB 570-511396/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209746-1 DU	SB46-2.0	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 511404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-9	SB37-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-10	SB35-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-11	SB35-5.0	Total/NA	Solid	Moisture - 2540	
570-209746-12	SB35-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-13	SB33-1.5	Total/NA	Solid	Moisture - 2540	
570-209746-14	SB33-5.0	Total/NA	Solid	Moisture - 2540	
570-209746-15	SB33-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-16	SB31-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-17	SB31-6.0	Total/NA	Solid	Moisture - 2540	
570-209746-18	SB31-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-19	SB29-2.0	Total/NA	Solid	Moisture - 2540	
570-209746-20	SB29-5.0	Total/NA	Solid	Moisture - 2540	
570-209746-21	SB29-15.0	Total/NA	Solid	Moisture - 2540	
MB 570-511404/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209746-9 DU	SB37-15.0	Total/NA	Solid	Moisture - 2540	
570-209746-19 DU	SB29-2.0	Total/NA	Solid	Moisture - 2540	

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Client Sample ID: SB46-2.0
Lab Sample ID: 570-209746-1
Date Collected: 12/05/24 08:00
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.053 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 13:03	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.00 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 18:13	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.03 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 11:16	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.034 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 17:20	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.04 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 08:13	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5014 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:33	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:22	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB46-5.0
Lab Sample ID: 570-209746-2
Date Collected: 12/05/24 08:05
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.534 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 13:23	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			19.98 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 18:37	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.02 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 11:38	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.316 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 17:45	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.06 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 08:35	E5RH	EET CAL 4
	Instrument ID: GC47									

Client Sample ID: SB46-5.0
Lab Sample ID: 570-209746-2
Date Collected: 12/05/24 08:05
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4875 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:42	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:36	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB46-15.0
Lab Sample ID: 570-209746-3
Date Collected: 12/05/24 08:15
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.255 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 13:43	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.01 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 19:02	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.06 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 12:01	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.173 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 18:09	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.41 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 02:26	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5217 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:38	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB47-2.0
Lab Sample ID: 570-209746-4
Date Collected: 12/05/24 08:40
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.028 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 14:03	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									

Client Sample ID: SB47-2.0
Date Collected: 12/05/24 08:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 19:26	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.00 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		5	1 mL	1 mL	512015	12/10/24 12:23	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.364 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 18:33	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.04 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 02:47	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5145 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:46	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:40	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB47-5.0
Date Collected: 12/05/24 08:50
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.782 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 14:23	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.02 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 19:50	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.04 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 12:46	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.842 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 18:57	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.11 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 03:09	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5550 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:49	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB47-5.0
Lab Sample ID: 570-209746-5
Date Collected: 12/05/24 08:50
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:42	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB47-15.0
Lab Sample ID: 570-209746-6
Date Collected: 12/05/24 09:00
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.759 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 14:43	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.00 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 20:14	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.03 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 13:08	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.714 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 19:21	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.13 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 03:30	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.4924 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:51	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:44	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB37-2.0
Lab Sample ID: 570-209746-7
Date Collected: 12/05/24 09:30
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.815 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 15:03	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.10 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 20:38	J7WE	EET CAL 4
	Instrument ID: GCMSTT									

Client Sample ID: SB37-2.0
Lab Sample ID: 570-209746-7

Date Collected: 12/05/24 09:30
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.07 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 13:31	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.634 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 20:23	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.26 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 03:51	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.4925 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/10/24 23:58	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:46	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB37-5.0
Lab Sample ID: 570-209746-8

Date Collected: 12/05/24 09:35
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.574 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 15:22	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.12 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 21:02	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.03 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 13:53	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.54 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 20:47	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.37 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 04:13	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5324 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:00	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:48	BG9Y	EET CAL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209746-1

Client Sample ID: SB37-5.0

Date Collected: 12/05/24 09:35
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511396	12/08/24 10:48	TP6R	EET CAL 4

Client Sample ID: SB37-15.0

Date Collected: 12/05/24 09:40
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.085 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 15:42	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.09 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 21:27	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.04 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 14:16	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.716 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 21:11	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.22 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 04:34	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5046 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:03	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:51	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB35-2.0

Date Collected: 12/05/24 09:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.39 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511491	12/09/24 13:12	AJ4K	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			20.00 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		50	1 mL	1 mL	512234	12/10/24 21:51	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.12 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		25	1 mL	1 mL	512015	12/10/24 14:38	CG	EET CAL 4
	Instrument ID: GCMS84									

Client Sample ID: SB35-2.0
Lab Sample ID: 570-209746-10

Date Collected: 12/05/24 09:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.39 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		500	5 mL	5 mL	512651	12/11/24 17:49	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.18 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511358	12/09/24 04:55	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5203 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:05	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:57	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB35-5.0
Lab Sample ID: 570-209746-11

Date Collected: 12/05/24 10:05
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.763 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 16:22	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.11 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 22:15	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.01 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 15:01	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.226 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 21:36	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.00 g	10 mL	511025	12/06/24 15:17	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511358	12/09/24 05:17	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5000 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:07	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:59	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB35-15.0
Lab Sample ID: 570-209746-12
Date Collected: 12/05/24 10:10
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.722 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 16:42	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.01 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 22:39	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.10 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 15:23	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.501 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 22:00	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.06 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 18:01	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5386 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:09	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:01	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB33-1.5
Lab Sample ID: 570-209746-13
Date Collected: 12/05/24 12:15
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.799 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510795	12/06/24 17:02	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.05 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		100	1 mL	1 mL	512234	12/10/24 23:03	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.16 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		25	1 mL	1 mL	512015	12/10/24 15:46	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.108 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 22:24	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.13 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		50	10 mL	10 mL	511641	12/09/24 18:23	E5RH	EET CAL 4
	Instrument ID: GC47									

Client Sample ID: SB33-1.5
Lab Sample ID: 570-209746-13
Date Collected: 12/05/24 12:15
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5062 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:12	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:03	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB33-5.0
Lab Sample ID: 570-209746-14
Date Collected: 12/05/24 12:30
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.652 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 14:18	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.06 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 23:28	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.06 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 16:09	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.882 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512651	12/11/24 16:10	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.07 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 18:45	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.4859 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:14	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:05	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB33-15.0
Lab Sample ID: 570-209746-15
Date Collected: 12/05/24 12:35
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.342 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 14:38	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									

Client Sample ID: SB33-15.0
Lab Sample ID: 570-209746-15
Date Collected: 12/05/24 12:35
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.11 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/10/24 23:52	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.10 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 16:31	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.672 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 23:12	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.11 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 19:06	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.4888 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:16	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:07	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB31-2.0
Lab Sample ID: 570-209746-16
Date Collected: 12/05/24 12:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.01 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		50	1 mL	1 mL	512234	12/11/24 00:16	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.04 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		25	1 mL	1 mL	512015	12/10/24 16:54	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.834 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512651	12/11/24 16:34	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.26 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511641	12/09/24 19:28	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5046 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:19	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:09	BG9Y	EET CAL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Client Sample ID: SB31-2.0
Lab Sample ID: 570-209746-16
Date Collected: 12/05/24 12:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4

Client Sample ID: SB31-6.0
Lab Sample ID: 570-209746-17
Date Collected: 12/05/24 13:15
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.144 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 14:59	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.09 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/11/24 00:40	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.01 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 17:16	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.085 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/10/24 23:36	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.18 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 19:50	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5420 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:44	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:11	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB31-15.0
Lab Sample ID: 570-209746-18
Date Collected: 12/05/24 13:20
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.738 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 15:20	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.00 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512234	12/11/24 01:04	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.04 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512015	12/10/24 17:39	CG	EET CAL 4
	Instrument ID: GCMS84									

Client Sample ID: SB31-15.0
Lab Sample ID: 570-209746-18

Date Collected: 12/05/24 13:20
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.642 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512124	12/11/24 00:00	P1R	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.24 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 20:12	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.4959 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 00:46	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:13	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB29-2.0
Lab Sample ID: 570-209746-19

Date Collected: 12/05/24 13:45
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.739 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	510793	12/06/24 16:43	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.09 g	2 mL	510949	12/06/24 12:55	XG8M	EET CAL 4
Total/NA	Analysis	8270C		25	1 mL	1 mL	512234	12/11/24 01:28	J7WE	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3546			10.13 g	2 mL	510948	12/06/24 12:54	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		25	1 mL	1 mL	512015	12/10/24 18:01	CG	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.739 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	512317	12/11/24 09:35	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.46 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	511641	12/09/24 20:34	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5435 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 01:02	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:15	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB29-5.0
Lab Sample ID: 570-209746-20
Date Collected: 12/05/24 13:50
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.411 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 15:41	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.00 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 15:36	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.05 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 11:35	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.873 g	5 mL	510885	12/06/24 10:51	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 02:48	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.30 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 20:56	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3051A			0.5376 g	50 mL	511625	12/09/24 11:51	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512483	12/11/24 01:05	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	511006	12/06/24 14:50	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 14:41	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB29-15.0
Lab Sample ID: 570-209746-21
Date Collected: 12/05/24 13:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.62 g	5 mL	510885	12/06/24 10:52	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	510793	12/06/24 16:01	AJ4K	EET CAL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3546			20.01 g	2 mL	510959	12/06/24 13:15	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512012	12/10/24 15:59	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	510957	12/06/24 13:11	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512018	12/10/24 11:56	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.7 g	5 mL	510885	12/06/24 10:52	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 03:12	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.40 g	10 mL	511348	12/07/24 16:31	NV8K	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511641	12/09/24 21:17	E5RH	EET CAL 4
	Instrument ID: GC47									

Client Sample ID: SB29-15.0
Lab Sample ID: 570-209746-21

Date Collected: 12/05/24 13:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4798 g	50 mL	511613	12/09/24 11:48	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			512272	12/10/24 15:12	VZ0K	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	511023	12/06/24 15:15	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			511796	12/09/24 13:14	BG9Y	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511404	12/08/24 12:26	TP6R	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB_20241205
Lab Sample ID: 570-209746-22

Date Collected: 12/05/24 15:15
Matrix: Water
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510778	12/06/24 12:06	U1MC	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			970.3 mL	2 mL	510363	12/06/24 05:03	UD4J	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	511619	12/09/24 21:35	CG	EET CAL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			947.4 mL	2 mL	510534	12/06/24 06:00	UD4J	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	511708	12/09/24 23:46	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5 mL	5 mL	511806	12/10/24 01:19	A9VE	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3510C			269.9 mL	2.5 mL	511106	12/06/24 18:12	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	511406	12/09/24 00:12	E5RH	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3005A			50 mL	50 mL	510813	12/06/24 08:12	JP8N	EET CAL 4
Total/NA	Analysis	6010B		1			511131	12/06/24 19:16	UFLE	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7470A			25 mL	50 mL	511713	12/09/24 13:41	VCN7	EET CAL 4
Total/NA	Analysis	7470A		1			511752	12/09/24 17:47	BG9Y	EET CAL 4
	Instrument ID: HG9									

Client Sample ID: TB_20241205
Lab Sample ID: 570-209746-23

Date Collected: 12/05/24 00:00
Matrix: Water
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	510778	12/06/24 11:43	U1MC	EET CAL 4
	Instrument ID: GCMSXX									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209746-1	SB46-2.0	Solid	12/05/24 08:00	12/05/24 16:45
570-209746-2	SB46-5.0	Solid	12/05/24 08:05	12/05/24 16:45
570-209746-3	SB46-15.0	Solid	12/05/24 08:15	12/05/24 16:45
570-209746-4	SB47-2.0	Solid	12/05/24 08:40	12/05/24 16:45
570-209746-5	SB47-5.0	Solid	12/05/24 08:50	12/05/24 16:45
570-209746-6	SB47-15.0	Solid	12/05/24 09:00	12/05/24 16:45
570-209746-7	SB37-2.0	Solid	12/05/24 09:30	12/05/24 16:45
570-209746-8	SB37-5.0	Solid	12/05/24 09:35	12/05/24 16:45
570-209746-9	SB37-15.0	Solid	12/05/24 09:40	12/05/24 16:45
570-209746-10	SB35-2.0	Solid	12/05/24 09:55	12/05/24 16:45
570-209746-11	SB35-5.0	Solid	12/05/24 10:05	12/05/24 16:45
570-209746-12	SB35-15.0	Solid	12/05/24 10:10	12/05/24 16:45
570-209746-13	SB33-1.5	Solid	12/05/24 12:15	12/05/24 16:45
570-209746-14	SB33-5.0	Solid	12/05/24 12:30	12/05/24 16:45
570-209746-15	SB33-15.0	Solid	12/05/24 12:35	12/05/24 16:45
570-209746-16	SB31-2.0	Solid	12/05/24 12:55	12/05/24 16:45
570-209746-17	SB31-6.0	Solid	12/05/24 13:15	12/05/24 16:45
570-209746-18	SB31-15.0	Solid	12/05/24 13:20	12/05/24 16:45
570-209746-19	SB29-2.0	Solid	12/05/24 13:45	12/05/24 16:45
570-209746-20	SB29-5.0	Solid	12/05/24 13:50	12/05/24 16:45
570-209746-21	SB29-15.0	Solid	12/05/24 13:55	12/05/24 16:45
570-209746-22	EB_20241205	Water	12/05/24 15:15	12/05/24 16:45
570-209746-23	TB_20241205	Water	12/05/24 00:00	12/05/24 16:45

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Friday, December 6, 2024 9:41 AM
To: Vikas Patel
Cc: Rafic Fanous; Nilma Edward
Subject: RE: Soil Samples 12/5/24

Sampling date is 12/05/2024, not 11/05/2024. Thanks for checking.

Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100

From: Vikas Patel <Vikas.Patel@et.eurofinsus.com>
Sent: Friday, December 6, 2024 9:36 AM
To: Travis Knight <tknight@langan.com>
Cc: Rafic Fanous <rfanous@Langan.com>; Nilma Edward <nedward@langan.com>
Subject: [External] FW: Soil Samples 12/5/24
Importance: High

Travis - Please confirm the sampling date for this COC. It appears to indicate 11/05/2024.

Best Regards,

Vik Patel (*He/Him*)
Project Manager

Eurofins Environment Testing Southwest, LLC
Phone: +1 714-895-5494

From: Travis Knight <tknight@langan.com>
Sent: Thursday, December 5, 2024 5:27 PM
To: Vikas Patel <Vikas.Patel@et.eurofinsus.com>; Erick Ovalle <Erick.Ovalle@et.eurofinsus.com>
Cc: Rafic Fanous <rfanous@Langan.com>; Nilma Edward <nedward@langan.com>
Subject: Soil Samples 12/5/24

Vik,

Please see attached pictures of the chain of custodies for the soil samples from today.

Let me know if there are any questions.

Thanks,
Travis Knight
Project Engineer

Loc: 570
209746

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

DATE: 12/5/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): Nilma Edward (NE) Rafic Famous (RF)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC - for analyte concentrations greater than 10X the STLC limit but below the TTLC. Perform TCLP for analyte concentrations greater than 20X the TCLP limit.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB46-2.0		11/5	0800	Soil	6	1	5		X	X	X	X	X	
2	SB46-5.0			0805											
3	SB46-15.0			0815											
4	SB47-2.0			0840											
5	SB47-5.0			0850											
6	SB47-15.0			0900											
7	SB37-2.0			0930											
8	SB37-5.0			0935											
9	SB37-15.0			0940											
10	SB35-2.0			0955											

570-209746 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
	EC	12-5-24	16:00
	EC	12-5-24	16:45

1.5/2.5 0.9/1.9 SC14

2014-07-01 Revision

UJ68

12/12/2024

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CHAIN-OF-CUSTODY RECORD

DATE: 12/5
PAGE: 2 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NZ, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ~~☐ 5 DAYS~~ ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Same note as page 1

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB35-5.0		12/5	1005	Soil	6	1	5		X	X	X	X	X	
12	SB35-15.0			1010											
13	SB33-15			1215											
14	SB33-5.0			1230											
15	SB33-15.0			1235											
16	SB31-2.0			1255											
17	SB31-6.0			1315											
18	SB31-15.0			1320											
19	SB29-2.0			1345											
20	SB29-5.0			1350											

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12-5-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-5-24	Time: 16:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.5/2.5 0.9/1.9 SC19

2014-07-01 Revision

209746

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CHAIN-OF-CUSTODY RECORD

DATE: 12/5/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NE, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ~~☐ 5 DAYS~~ ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
same note as page 1.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB24-15.0		12/5	1355	Soil	6	~~4~~	~~5~~		X	X	X	X	X	
22	EB-20241205			1515		7	4	3		↓	↓	↓	↓	↓	
23	TB-20241205			—		2		2				X			

Relinquished by: (Signature) — Received by: (Signature/Affiliation) EC — Date: 12-5-24 — Time: 16:00
Relinquished by: (Signature) EC — Received by: (Signature/Affiliation) EC — Date: 12-5-24 — Time: 16:45
Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: — Time:

0-8/1.9 1.5/2.5 SC14

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209746-1

Login Number: 209746
List Number: 1
Creator: Le, Sunny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/16/2024 10:27:45 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209746-2

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
12/16/2024 10:27:45 AM

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Definitions/Glossary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209746-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209746-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/5/2024 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9°C and 2.5°C.

GC/MS VOA
Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB31-2.0 (570-209746-16). Elevated reporting limits (RLs) are provided.

Method 8260B: The method blank for preparation batch 570-513552 and analytical batch 570-513461 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Client Sample ID: SB31-2.0
Lab Sample ID: 570-209746-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	10		0.88	0.12	mg/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	2.8		0.88	0.12	mg/Kg	200	☼	8260B	Total/NA
Benzene	0.34	J	0.44	0.11	mg/Kg	200	☼	8260B	Total/NA
Chloroform	0.29	J B	0.44	0.26	mg/Kg	200	☼	8260B	Total/NA
Ethylbenzene	1.5		0.44	0.090	mg/Kg	200	☼	8260B	Total/NA
Isopropylbenzene	2.3		0.44	0.12	mg/Kg	200	☼	8260B	Total/NA
Naphthalene	7.2		4.4	1.7	mg/Kg	200	☼	8260B	Total/NA
n-Butylbenzene	1.8		0.44	0.092	mg/Kg	200	☼	8260B	Total/NA
N-Propylbenzene	4.0		0.88	0.11	mg/Kg	200	☼	8260B	Total/NA
o-Xylene	0.51		0.44	0.11	mg/Kg	200	☼	8260B	Total/NA
m,p-Xylene	0.37	J	0.88	0.21	mg/Kg	200	☼	8260B	Total/NA
p-Isopropyltoluene	1.5		0.44	0.12	mg/Kg	200	☼	8260B	Total/NA
sec-Butylbenzene	1.2		0.44	0.12	mg/Kg	200	☼	8260B	Total/NA
Xylenes, Total	0.88		0.88	0.26	mg/Kg	200	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1,1-Trichloroethane	ND		0.44	0.10	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1,2,2-Tetrachloroethane	ND		0.88	0.24	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	0.20	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1,2-Trichloroethane	ND		0.44	0.20	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1-Dichloroethane	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1-Dichloroethene	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,1-Dichloropropene	ND		0.88	0.17	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2,3-Trichlorobenzene	ND		0.88	0.16	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2,3-Trichloropropane	ND		0.88	0.18	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2,4-Trichlorobenzene	ND		0.88	0.18	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2,4-Trimethylbenzene	**10**		0.88	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2-Dibromo-3-Chloropropane	ND		4.4	1.5	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2-Dibromoethane	ND		0.44	0.090	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2-Dichlorobenzene	ND		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2-Dichloroethane	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,2-Dichloropropane	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,3,5-Trimethylbenzene	**2.8**		0.88	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,3-Dichlorobenzene	ND		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,3-Dichloropropane	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
1,4-Dichlorobenzene	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
2,2-Dichloropropane	ND		2.2	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
2-Butanone (MEK)	ND		8.8	2.0	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
2-Chlorotoluene	ND		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
2-Hexanone	ND		8.8	1.3	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
4-Chlorotoluene	ND		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
4-Methyl-2-pentanone (MIBK)	ND		8.8	1.3	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Acetone	ND		8.8	4.3	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Benzene	**0.34**	**J**	0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Bromobenzene	ND		0.44	0.091	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Bromochloromethane	ND		0.88	0.19	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Bromodichloromethane	ND		0.44	0.14	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Bromoform	ND		2.2	0.58	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Bromomethane	ND		8.8	2.9	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
cis-1,2-Dichloroethene	ND		0.44	0.15	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
cis-1,3-Dichloropropene	ND		0.44	0.15	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Carbon disulfide	ND		4.4	0.18	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Carbon tetrachloride	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Chlorobenzene	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Chloroethane	ND		0.88	0.33	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Chloroform	**0.29**	**J B**	0.44	0.26	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Chloromethane	ND		8.8	0.67	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Dibromochloromethane	ND		0.88	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Dibromomethane	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Dichlorodifluoromethane	ND		0.88	0.20	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Di-isopropyl ether (DIPE)	ND		0.44	0.22	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Ethanol	ND		110	40	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Ethylbenzene	**1.5**		0.44	0.090	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Ethyl-t-butyl ether (ETBE)	ND		0.44	0.10	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB31-2.0
Date Collected: 12/05/24 12:55
Date Received: 12/05/24 16:45

Lab Sample ID: 570-209746-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**2.3**		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Methylene Chloride	ND		4.4	1.4	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Methyl-t-Butyl Ether (MTBE)	ND		0.88	0.082	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Naphthalene	**7.2**		4.4	1.7	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
n-Butylbenzene	**1.8**		0.44	0.092	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
N-Propylbenzene	**4.0**		0.88	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
o-Xylene	**0.51**		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
m,p-Xylene	**0.37**	**J**	0.88	0.21	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
p-Isopropyltoluene	**1.5**		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
sec-Butylbenzene	**1.2**		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Styrene	ND		0.44	0.14	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
trans-1,2-Dichloroethene	ND		0.44	0.13	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
trans-1,3-Dichloropropene	ND		0.88	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Tert-amyl-methyl ether (TAME)	ND		0.44	0.085	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
tert-Butyl alcohol (TBA)	ND		8.8	3.1	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
tert-Butylbenzene	ND		0.44	0.11	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Tetrachloroethene	ND		0.44	0.098	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Toluene	ND		0.44	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Trichloroethene	ND		0.88	0.17	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Trichlorofluoromethane	ND		4.4	0.12	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Vinyl acetate	ND		4.4	1.7	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Vinyl chloride	ND		0.44	0.17	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200
Xylenes, Total	**0.88**		0.88	0.26	mg/Kg	☼	12/13/24 08:07	12/13/24 11:12	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*	*12/13/24 08:07*	*12/13/24 11:12*	*200*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/13/24 08:07*	*12/13/24 11:12*	*200*
Dibromofluoromethane (Surr)	*91*		*58 - 147*	*12/13/24 08:07*	*12/13/24 11:12*	*200*
Toluene-d8 (Surr)	*107*		*80 - 120*	*12/13/24 08:07*	*12/13/24 11:12*	*200*

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209746-16	SB31-2.0	101	99	91	107
LCS 570-513552/1-A	Lab Control Sample	99	96	95	101
LCSD 570-513552/2-A	Lab Control Sample Dup	103	96	96	101
MB 570-513552/6-A	Method Blank	106	99	96	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-513552/6-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10	0.029	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1,1-Trichloroethane	ND		0.10	0.023	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1,2,2-Tetrachloroethane	ND		0.20	0.054	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.046	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1,2-Trichloroethane	ND		0.10	0.046	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1-Dichloroethane	ND		0.10	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1-Dichloroethene	ND		0.10	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,1-Dichloropropene	ND		0.20	0.039	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2,3-Trichlorobenzene	ND		0.20	0.038	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2,3-Trichloropropane	ND		0.20	0.042	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2,4-Trichlorobenzene	ND		0.20	0.041	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2,4-Trimethylbenzene	ND		0.20	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2-Dibromo-3-Chloropropane	ND		1.0	0.33	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2-Dibromoethane	ND		0.10	0.021	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2-Dichlorobenzene	ND		0.10	0.025	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2-Dichloroethane	ND		0.10	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,2-Dichloropropane	ND		0.10	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,3,5-Trimethylbenzene	ND		0.20	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,3-Dichlorobenzene	ND		0.10	0.025	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,3-Dichloropropane	ND		0.10	0.030	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
1,4-Dichlorobenzene	ND		0.10	0.031	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
2,2-Dichloropropane	ND		0.50	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
2-Butanone (MEK)	ND		2.0	0.45	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
2-Chlorotoluene	ND		0.10	0.025	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
2-Hexanone	ND		2.0	0.31	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
4-Chlorotoluene	ND		0.10	0.024	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
4-Methyl-2-pentanone (MIBK)	ND		2.0	0.29	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Acetone	ND		2.0	0.98	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Benzene	ND		0.10	0.026	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Bromobenzene	ND		0.10	0.021	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Bromochloromethane	ND		0.20	0.044	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Bromodichloromethane	ND		0.10	0.033	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Bromoform	ND		0.50	0.13	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Bromomethane	ND		2.0	0.66	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
cis-1,2-Dichloroethene	ND		0.10	0.034	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
cis-1,3-Dichloropropene	ND		0.10	0.035	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Carbon disulfide	ND		1.0	0.040	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Carbon tetrachloride	ND		0.10	0.030	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Chlorobenzene	ND		0.10	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Chloroethane	ND		0.20	0.074	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Chloroform	0.07652	J	0.10	0.059	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Chloromethane	ND		2.0	0.15	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Dibromochloromethane	ND		0.20	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Dibromomethane	ND		0.10	0.031	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Dichlorodifluoromethane	ND		0.20	0.045	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Di-isopropyl ether (DIPE)	ND		0.10	0.050	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Ethanol	ND		25	9.2	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Ethylbenzene	ND		0.10	0.021	mg/Kg		12/13/24 08:07	12/13/24 10:32	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-513552/6-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.10	0.024	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Isopropylbenzene	ND		0.10	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Methylene Chloride	ND		1.0	0.31	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Methyl-t-Butyl Ether (MTBE)	ND		0.20	0.019	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Naphthalene	ND		1.0	0.39	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
n-Butylbenzene	ND		0.10	0.021	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
N-Propylbenzene	ND		0.20	0.026	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
o-Xylene	ND		0.10	0.026	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
m,p-Xylene	ND		0.20	0.047	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
p-Isopropyltoluene	ND		0.10	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
sec-Butylbenzene	ND		0.10	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Styrene	ND		0.10	0.032	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
trans-1,2-Dichloroethene	ND		0.10	0.030	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
trans-1,3-Dichloropropene	ND		0.20	0.028	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Tert-amyl-methyl ether (TAME)	ND		0.10	0.019	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
tert-Butyl alcohol (TBA)	ND		2.0	0.70	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
tert-Butylbenzene	ND		0.10	0.025	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Tetrachloroethene	ND		0.10	0.022	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Toluene	ND		0.10	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Trichloroethene	ND		0.20	0.039	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Trichlorofluoromethane	ND		1.0	0.027	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Vinyl acetate	ND		1.0	0.39	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Vinyl chloride	ND		0.10	0.038	mg/Kg		12/13/24 08:07	12/13/24 10:32	50
Xylenes, Total	ND		0.20	0.060	mg/Kg		12/13/24 08:07	12/13/24 10:32	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/13/24 08:07*	*12/13/24 10:32*	*50*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/13/24 08:07*	*12/13/24 10:32*	*50*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/13/24 08:07*	*12/13/24 10:32*	*50*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/13/24 08:07*	*12/13/24 10:32*	*50*

Lab Sample ID: LCS 570-513552/1-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05372		mg/Kg		107	80 - 125
1,1,1-Trichloroethane	0.0500	0.04598		mg/Kg		92	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04671		mg/Kg		93	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04767		mg/Kg		95	73 - 130
1,1,2-Trichloroethane	0.0500	0.05080		mg/Kg		102	80 - 123
1,1-Dichloroethane	0.0500	0.05157		mg/Kg		103	79 - 124
1,1-Dichloroethene	0.0500	0.05120		mg/Kg		102	74 - 132
1,1-Dichloropropene	0.0500	0.04580		mg/Kg		92	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05399		mg/Kg		108	80 - 123
1,2,3-Trichloropropane	0.0500	0.04852		mg/Kg		97	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05381		mg/Kg		108	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04814		mg/Kg		96	80 - 124

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-513552/1-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05339		mg/Kg		107	67 - 120
1,2-Dibromoethane	0.0500	0.04803		mg/Kg		96	80 - 120
1,2-Dichlorobenzene	0.0500	0.04676		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0500	0.04831		mg/Kg		97	77 - 120
1,2-Dichloropropane	0.0500	0.05223		mg/Kg		104	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04686		mg/Kg		94	80 - 121
1,3-Dichlorobenzene	0.0500	0.04753		mg/Kg		95	80 - 120
1,3-Dichloropropane	0.0500	0.04933		mg/Kg		99	80 - 120
1,4-Dichlorobenzene	0.0500	0.04653		mg/Kg		93	80 - 120
2,2-Dichloropropane	0.0500	0.04907		mg/Kg		98	73 - 135
2-Butanone (MEK)	0.0500	0.05236		mg/Kg		105	67 - 136
2-Chlorotoluene	0.0500	0.04555		mg/Kg		91	80 - 120
2-Hexanone	0.0500	0.05164		mg/Kg		103	70 - 137
4-Chlorotoluene	0.0500	0.04695		mg/Kg		94	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04911		mg/Kg		98	74 - 124
Acetone	0.0500	0.05595		mg/Kg		112	61 - 142
Benzene	0.0500	0.04685		mg/Kg		94	80 - 120
Bromobenzene	0.0500	0.04829		mg/Kg		97	80 - 120
Bromochloromethane	0.0500	0.04517		mg/Kg		90	80 - 120
Bromodichloromethane	0.0500	0.05086		mg/Kg		102	80 - 125
Bromoform	0.0500	0.05681		mg/Kg		114	74 - 138
Bromomethane	0.0500	0.04308		mg/Kg		86	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04455		mg/Kg		89	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05388		mg/Kg		108	80 - 123
Carbon disulfide	0.0500	0.04753		mg/Kg		95	68 - 128
Carbon tetrachloride	0.0500	0.05132		mg/Kg		103	75 - 140
Chlorobenzene	0.0500	0.04702		mg/Kg		94	80 - 120
Chloroethane	0.0500	0.04781		mg/Kg		96	76 - 137
Chloroform	0.0500	0.04348		mg/Kg		87	80 - 121
Chloromethane	0.0500	0.04993		mg/Kg		100	74 - 133
Dibromochloromethane	0.0500	0.05074		mg/Kg		101	80 - 132
Dibromomethane	0.0500	0.04739		mg/Kg		95	80 - 120
Dichlorodifluoromethane	0.0500	0.05050		mg/Kg		101	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05366		mg/Kg		107	73 - 132
Ethanol	0.500	0.6176		mg/Kg		124	46 - 159
Ethylbenzene	0.0500	0.04696		mg/Kg		94	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04747		mg/Kg		95	77 - 129
Isopropylbenzene	0.0500	0.04660		mg/Kg		93	80 - 122
Methylene Chloride	0.0500	0.04752		mg/Kg		95	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04778		mg/Kg		96	79 - 123
Naphthalene	0.0500	0.04878		mg/Kg		98	79 - 121
n-Butylbenzene	0.0500	0.04937		mg/Kg		99	79 - 131
N-Propylbenzene	0.0500	0.04650		mg/Kg		93	80 - 122
o-Xylene	0.0500	0.04507		mg/Kg		90	80 - 120
m,p-Xylene	0.100	0.08970		mg/Kg		90	80 - 120
p-Isopropyltoluene	0.0500	0.04831		mg/Kg		97	80 - 126
sec-Butylbenzene	0.0500	0.04828		mg/Kg		97	80 - 125
Styrene	0.0500	0.04632		mg/Kg		93	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04777		mg/Kg		96	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-513552/1-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513552

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0500	0.05152		mg/Kg		103	80 - 124		
Tert-amyl-methyl ether (TAME)			0.0500	0.04719		mg/Kg		94	80 - 120		
tert-Butyl alcohol (TBA)			0.250	0.2482		mg/Kg		99	74 - 123		
tert-Butylbenzene			0.0500	0.04725		mg/Kg		95	80 - 124		
Tetrachloroethene			0.0500	0.05010		mg/Kg		100	80 - 122		
Toluene			0.0500	0.04519		mg/Kg		90	80 - 120		
Trichloroethene			0.0500	0.04981		mg/Kg		100	80 - 127		
Trichlorofluoromethane			0.0500	0.04350		mg/Kg		87	70 - 144		
Vinyl acetate			0.0500	0.04841		mg/Kg		97	71 - 125		
Vinyl chloride			0.0500	0.04815		mg/Kg		96	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-513552/2-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513552

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05605		mg/Kg		112	80 - 125	4	20
1,1,1-Trichloroethane			0.0500	0.04835		mg/Kg		97	78 - 130	5	20
1,1,2,2-Tetrachloroethane			0.0500	0.05096		mg/Kg		102	80 - 124	9	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04943		mg/Kg		99	73 - 130	4	20
1,1,2-Trichloroethane			0.0500	0.05240		mg/Kg		105	80 - 123	3	20
1,1-Dichloroethane			0.0500	0.04974		mg/Kg		99	79 - 124	4	20
1,1-Dichloroethene			0.0500	0.05329		mg/Kg		107	74 - 132	4	20
1,1-Dichloropropene			0.0500	0.04782		mg/Kg		96	78 - 130	4	20
1,2,3-Trichlorobenzene			0.0500	0.05763		mg/Kg		115	80 - 123	7	20
1,2,3-Trichloropropane			0.0500	0.05122		mg/Kg		102	79 - 120	5	20
1,2,4-Trichlorobenzene			0.0500	0.05746		mg/Kg		115	80 - 125	7	20
1,2,4-Trimethylbenzene			0.0500	0.05094		mg/Kg		102	80 - 124	6	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05966		mg/Kg		119	67 - 120	11	20
1,2-Dibromoethane			0.0500	0.05084		mg/Kg		102	80 - 120	6	20
1,2-Dichlorobenzene			0.0500	0.04970		mg/Kg		99	80 - 120	6	20
1,2-Dichloroethane			0.0500	0.05048		mg/Kg		101	77 - 120	4	20
1,2-Dichloropropane			0.0500	0.05435		mg/Kg		109	80 - 126	4	20
1,3,5-Trimethylbenzene			0.0500	0.04871		mg/Kg		97	80 - 121	4	20
1,3-Dichlorobenzene			0.0500	0.05051		mg/Kg		101	80 - 120	6	20
1,3-Dichloropropane			0.0500	0.05165		mg/Kg		103	80 - 120	5	20
1,4-Dichlorobenzene			0.0500	0.04928		mg/Kg		99	80 - 120	6	20
2,2-Dichloropropane			0.0500	0.05087		mg/Kg		102	73 - 135	4	20
2-Butanone (MEK)			0.0500	0.05663		mg/Kg		113	67 - 136	8	20
2-Chlorotoluene			0.0500	0.04768		mg/Kg		95	80 - 120	5	20
2-Hexanone			0.0500	0.05352		mg/Kg		107	70 - 137	4	20
4-Chlorotoluene			0.0500	0.04953		mg/Kg		99	80 - 121	5	20

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-513552/2-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 513461
Prep Batch: 513552

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			0.0500	0.05468		mg/Kg		109	74 - 124	11	20
Acetone			0.0500	0.06893		mg/Kg		138	61 - 142	21	23
Benzene			0.0500	0.04939		mg/Kg		99	80 - 120	5	20
Bromobenzene			0.0500	0.05065		mg/Kg		101	80 - 120	5	20
Bromochloromethane			0.0500	0.04764		mg/Kg		95	80 - 120	5	20
Bromodichloromethane			0.0500	0.05500		mg/Kg		110	80 - 125	8	20
Bromoform			0.0500	0.06012		mg/Kg		120	74 - 138	6	20
Bromomethane			0.0500	0.04332		mg/Kg		87	58 - 136	1	20
cis-1,2-Dichloroethene			0.0500	0.04686		mg/Kg		94	80 - 124	5	20
cis-1,3-Dichloropropene			0.0500	0.05634		mg/Kg		113	80 - 123	4	20
Carbon disulfide			0.0500	0.04939		mg/Kg		99	68 - 128	4	20
Carbon tetrachloride			0.0500	0.05401		mg/Kg		108	75 - 140	5	20
Chlorobenzene			0.0500	0.04914		mg/Kg		98	80 - 120	4	20
Chloroethane			0.0500	0.04666		mg/Kg		93	76 - 137	2	20
Chloroform			0.0500	0.04612		mg/Kg		92	80 - 121	6	20
Chloromethane			0.0500	0.05019		mg/Kg		100	74 - 133	1	20
Dibromochloromethane			0.0500	0.05272		mg/Kg		105	80 - 132	4	20
Dibromomethane			0.0500	0.05024		mg/Kg		100	80 - 120	6	20
Dichlorodifluoromethane			0.0500	0.05033		mg/Kg		101	63 - 146	0	20
Di-isopropyl ether (DIPE)			0.0500	0.05439		mg/Kg		109	73 - 132	1	20
Ethanol			0.500	0.6029		mg/Kg		121	46 - 159	2	30
Ethylbenzene			0.0500	0.04910		mg/Kg		98	80 - 120	4	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05041		mg/Kg		101	77 - 129	6	20
Isopropylbenzene			0.0500	0.04829		mg/Kg		97	80 - 122	4	20
Methylene Chloride			0.0500	0.04639		mg/Kg		93	74 - 120	2	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04643		mg/Kg		93	79 - 123	3	20
Naphthalene			0.0500	0.05300		mg/Kg		106	79 - 121	8	20
n-Butylbenzene			0.0500	0.05233		mg/Kg		105	79 - 131	6	20
N-Propylbenzene			0.0500	0.04838		mg/Kg		97	80 - 122	4	20
o-Xylene			0.0500	0.04661		mg/Kg		93	80 - 120	3	20
m,p-Xylene			0.100	0.09404		mg/Kg		94	80 - 120	5	20
p-Isopropyltoluene			0.0500	0.05071		mg/Kg		101	80 - 126	5	20
sec-Butylbenzene			0.0500	0.05044		mg/Kg		101	80 - 125	4	20
Styrene			0.0500	0.04835		mg/Kg		97	80 - 120	4	20
trans-1,2-Dichloroethene			0.0500	0.04689		mg/Kg		94	75 - 123	2	20
trans-1,3-Dichloropropene			0.0500	0.05393		mg/Kg		108	80 - 124	5	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04946		mg/Kg		99	80 - 120	5	20
tert-Butyl alcohol (TBA)			0.250	0.2511		mg/Kg		100	74 - 123	1	20
tert-Butylbenzene			0.0500	0.04949		mg/Kg		99	80 - 124	5	20
Tetrachloroethene			0.0500	0.05190		mg/Kg		104	80 - 122	4	20
Toluene			0.0500	0.04808		mg/Kg		96	80 - 120	6	20
Trichloroethene			0.0500	0.05167		mg/Kg		103	80 - 127	4	20
Trichlorofluoromethane			0.0500	0.04486		mg/Kg		90	70 - 144	3	20
Vinyl acetate			0.0500	0.04818		mg/Kg		96	71 - 125	0	20
Vinyl chloride			0.0500	0.04961		mg/Kg		99	79 - 133	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-513552/2-A
Matrix: Solid
Analysis Batch: 513461

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513552

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

GC/MS VOA

Analysis Batch: 513461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-16	SB31-2.0	Total/NA	Solid	8260B	513552
MB 570-513552/6-A	Method Blank	Total/NA	Solid	8260B	513552
LCS 570-513552/1-A	Lab Control Sample	Total/NA	Solid	8260B	513552
LCSD 570-513552/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	513552

Prep Batch: 513552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209746-16	SB31-2.0	Total/NA	Solid	5030C	
MB 570-513552/6-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-513552/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-513552/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Client Sample ID: SB31-2.0
Lab Sample ID: 570-209746-16

Date Collected: 12/05/24 12:55
Matrix: Solid
Date Received: 12/05/24 16:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	10 mL	513552	12/13/24 08:07	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		200	5 g	5 mL	513461	12/13/24 11:12	AJ4K	EET CAL 4
	Instrument ID: GCMSGGG									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209746-2
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209746-16	SB31-2.0	Solid	12/05/24 12:55	12/05/24 16:45

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Thursday, December 12, 2024 5:13 PM
To: Vikas Patel
Cc: Cory Lavoie; Megan Ritsema; Marco Ojeda
Subject: Analysis Request

Vik,

For the recent lab we received, SDG: 570-207946-1, can you run sample SB31-2.0 for 8260B VOCs using the soil from the 8-oz jar provided?

Thanks,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100
File Sharing Link

Phone: 213.314.8100 Fax: 213.314.8101
1960 East Grand Avenue, Suite 585
El Segundo, CA 90245
www.langan.com

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CHAIN-OF-CUSTODY RECORD

DATE: 12/5/24
PAGE: 1 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT): Nilma Edward (NE) Rafic Famous (RF)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC - for analyte concentrations greater than 10X the STLC limit but below the TTLC. Perform TCLP for analyte concentrations greater than 20X the TCLP limit.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB46-2.0		11/5	0800	Soil	6	1	5		X	X	X	X	X	
2	SB46-5.0			0805											
3	SB46-15.0			0815											
4	SB47-2.0			0840											
5	SB47-5.0			0850											
6	SB47-15.0			0900											
7	SB37-2.0			0930											
8	SB37-5.0			0935											
9	SB37-15.0			0940											
10	SB35-2.0			0955											

570-209746 Chain of Custody

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
	EC	12-5-24	16:00
	EC	12-5-24	16:45

1.5/2.5 0.9/1.9 SC14

2014-07-01 Revision

UJ68

12/16/2024

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CHAIN-OF-CUSTODY RECORD

DATE: 12/5
PAGE: 2 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ~~☐ 5 DAYS~~ ☐ STANDARD
EDD: ☐ COELT EDF ☐ OTHER
SPECIAL INSTRUCTIONS: Same note as page 1

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NZ, RF

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB35-5.0		12/5	1005	Soil	6	1	5		X	X	X	X	X	
12	SB35-15.0			1010											
13	SB33-1.5			1215											
14	SB33-5.0			1230											
15	SB33-15.0			1235											
16	SB31-2.0			1255											
17	SB31-6.0			1315											
18	SB31-15.0			1320											
19	SB29-2.0			1345											
20	SB29-5.0			1350											

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12-5-24	Time: 16:00
Relinquished by: (Signature) EC	Received by: (Signature/Affiliation) EC	Date: 12-5-24	Time: 16:45
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

1.5/2.5 0.9/1.9 SC19

2014-07-01 Revision

209746

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CHAIN-OF-CUSTODY RECORD

DATE: 12/5/24
PAGE: 3 OF 3

WO NO. / LAB USE ONLY: 209746

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
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TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NE, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ~~☐ 5 DAYS~~ ☐ STANDARD
EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
same note as page 1.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB24-15.0		12/5	1355	Soil	6	~~4~~	~~3~~		X	X	X	X	X	
22	EB-20241205			1515		7	4	3		↓	↓	↓	↓	↓	
23	TB-20241205			—		2		2				X			

Relinquished by: (Signature) — Received by: (Signature/Affiliation) EC — Date: 12-5-24 — Time: 16:00
Relinquished by: (Signature) EC — Received by: (Signature/Affiliation) EC — Date: 12-5-24 — Time: 16:45
Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: — Time:

0-8/1.9 1.5/2.5 SC14

2014-07-01 Revision

12/16/2024

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209746-2

Login Number: 209746
List Number: 1
Creator: Le, Sunny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/17/2024 1:47:04 PM Revision 1

JOB DESCRIPTION

700152701

JOB NUMBER

570-209997-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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Revision 1

Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209997-1

REVISION

The report being provided is a revision of the original report sent on 12/16/2024. The report (revision 1) is being revised due to an update to include VOC results for SB48-2.0.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 12/6/2024 5:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8°C and 2.1°C.

Receipt Exceptions
The following sample was listed on the Chain of Custody (COC); however, no sample was received: SB48-9.5 (570-209997-19).

The Chain-of-Custody (COC) was incomplete as received. The required analyses are missing on the following sample: SB39-15.0 (570-209997-27)

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511477. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-511998. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511762. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-511986. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Surrogate recovery for the following samples were outside control limits: SB26-2.0 (570-209997-7) and SB44-2.0 (570-209997-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8260B: The following sample was diluted due to the abundance of non-target hydrocarbons: SB44-5.0 (570-209997-14). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-514557. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270C_SIM_PAH: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-512178. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: SB27-1.0 (570-209997-4). Elevated reporting limits (RLs) are provided.

Method 8270C_SIM_PAH: The following sample was diluted due to the nature of the sample matrix: SB26-2.0 (570-209997-7). Elevated reporting limits (RLs) are provided.

Method 8270C_SIM_PAH: Surrogate recovery for the following sample was outside control limits: SB26-2.0 (570-209997-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8270C_SIM_PAH: The following samples were diluted due to the nature of the sample matrix: SB44-2.0 (570-209997-13) and SB39-2.0 (570-209997-25). Elevated reporting limits (RLs) are provided.

Method 8270C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-511926. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-512556 recovered above the upper control limit for 2,4-Dinitrophenol, Hexachloro-1,3-butadiene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 570-512556/2).

Method 8270C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-511926 and analytical batch 570-512556 recovered outside control limits for the following analyte(s): Benzidine. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-513024 recovered above the upper control limit for 2-Nitrophenol, 4-Chloro-3-methylphenol and Fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB25-2.0 (570-209997-1), SB25-5.0 (570-209997-2), SB25-15.0 (570-209997-3), SB27-1.0 (570-209997-4), SB27-5.0 (570-209997-5), SB27-15.0 (570-209997-6), SB26-2.0 (570-209997-7), SB26-5.0 (570-209997-8), SB26-15.0 (570-209997-9), SB42-2.0 (570-209997-10), SB42-5.0 (570-209997-11), SB48-2.0 (570-209997-16), SB48-5.0 (570-209997-17), SB49-2.0 (570-209997-20), SB49-5.0 (570-209997-21), SB45-1.0 (570-209997-22) and (CCVIS 570-513024/2).

Method 8270C: The following samples were diluted due to the nature of the sample matrix: SB27-1.0 (570-209997-4), SB26-2.0 (570-209997-7), SB48-5.0 (570-209997-17) and SB45-1.0 (570-209997-22). Elevated reporting limits (RLs) are provided.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-513021 recovered above the upper control limit for Benzo[a]pyrene, Di-n-octyl phthalate and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB42-15.0 (570-209997-12), SB44-2.0 (570-209997-13), SB44-5.0 (570-209997-14), SB44-15.0 (570-209997-15) and (CCVIS 570-513021/2).

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-511848 and analytical batch 570-513021 recovered outside control limits for the following analytes: Benzidine.

Method 8270C: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-511848 and analytical batch 570-513021 exceeded control limits for the following analyte(s): Benzidine and Benzoic acid, Note that this analyte is a known poor performer when analyzed using this method.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 570-511848 and analytical batch 570-513021 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB44-2.0 (570-209997-13). Elevated reporting limits (RLs) are provided.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-511848 and analytical batch 570-513514 recovered outside control limits for the following analytes: Benzidine.

Method 8270C: The continuing calibration verification (CCV) associated with batch 570-513514 recovered above the upper control limit for Benzo[a]pyrene, Di-n-octyl phthalate and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB48-15.0 (570-209997-18), SB45-5.0 (570-209997-23), SB45-15.0 (570-209997-24), SB39-2.0 (570-209997-25), SB39-5.0 (570-209997-26) and SB39-15.0 (570-209997-27).

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-511848 and analytical batch 570-513514 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-511848 and analytical batch 570-513514 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C: The following sample was diluted due to the nature of the sample matrix: SB39-2.0 (570-209997-25). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512317. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB26-2.0 (570-209997-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512397. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512651. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB44-2.0 (570-209997-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Surrogate recovery for the following sample was outside control limits: SB39-2.0 (570-209997-25). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_GRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-512890. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015B_DRO: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-512704. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B_DRO: Surrogate recovery for the following sample was outside control limits: SB39-2.0 (570-209997-25). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B_DRO: Surrogate recovery for the following sample was outside control limits: SB27-1.0 (570-209997-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010B: The post digestion spike % recovery for < Selenium> associated with batch 570-513447 was outside of control limits. The associated sample is: (570-209997-F-2-F PDS ^2).

Method 7471A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-512079 and analytical batch 570-512314 recovered outside control limits for the following analytes: Mercury.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700152701

Job ID: 570-209997-1

Client Sample ID: SB25-2.0 — Lab Sample ID: 570-209997-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.019	0.0093	mg/Kg	1	☼	8260B	Total/NA
C23-C40	11		6.3	5.7	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.73	J	3.62	2.34	mg/Kg	2	☼	6010B	Total/NA
Barium	70.8		2.41	0.356	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.313	J	0.482	0.113	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.2		1.21	0.640	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.81		2.41	0.514	mg/Kg	2	☼	6010B	Total/NA
Copper	9.45		2.41	0.686	mg/Kg	2	☼	6010B	Total/NA
Lead	5.26		2.41	1.60	mg/Kg	2	☼	6010B	Total/NA
Nickel	7.77		2.41	1.37	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.1		4.82	1.06	mg/Kg	2	☼	6010B	Total/NA
Zinc	31.7		4.82	1.97	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB25-5.0 — Lab Sample ID: 570-209997-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017	J	0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
C23-C40	6.5		5.6	5.1	mg/Kg	1	☼	8015B	Total/NA
Barium	78.1		2.21	0.327	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.731		0.443	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.9		1.11	0.588	mg/Kg	2	☼	6010B	Total/NA
Cobalt	12.1		2.21	0.472	mg/Kg	2	☼	6010B	Total/NA
Copper	15.1		2.21	0.630	mg/Kg	2	☼	6010B	Total/NA
Lead	8.61		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.3		2.21	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.0		4.43	0.970	mg/Kg	2	☼	6010B	Total/NA
Zinc	49.6		4.43	1.81	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0341	J	0.0903	0.0249	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB25-15.0 — Lab Sample ID: 570-209997-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.035		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
Bromoform	0.0028	J	0.0061	0.0016	mg/Kg	1	☼	8260B	Total/NA
C23-C40	6.0	J	6.4	5.9	mg/Kg	1	☼	8015B	Total/NA
Arsenic	7.93		3.76	2.43	mg/Kg	2	☼	6010B	Total/NA
Barium	110		2.51	0.370	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.702		0.502	0.118	mg/Kg	2	☼	6010B	Total/NA
Chromium	28.9		1.25	0.666	mg/Kg	2	☼	6010B	Total/NA
Cobalt	11.2		2.51	0.534	mg/Kg	2	☼	6010B	Total/NA
Copper	24.0		2.51	0.714	mg/Kg	2	☼	6010B	Total/NA
Lead	8.35		2.51	1.66	mg/Kg	2	☼	6010B	Total/NA
Nickel	22.2		2.51	1.42	mg/Kg	2	☼	6010B	Total/NA
Vanadium	53.3		5.02	1.10	mg/Kg	2	☼	6010B	Total/NA
Zinc	76.1		5.02	2.05	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB27-1.0 — Lab Sample ID: 570-209997-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.0034		0.0030	0.00042	mg/Kg	1	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	0.0016	J	0.0030	0.00040	mg/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	0.022	J	0.030	0.0068	mg/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB27-1.0 (Continued)
Lab Sample ID: 570-209997-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	0.022	J	0.030	0.0044	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.19		0.030	0.015	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.0017		0.0015	0.00039	mg/Kg	1	☼	8260B	Total/NA
Carbon disulfide	0.0028	J	0.015	0.00060	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.0059		0.0015	0.00031	mg/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.0037		0.0015	0.00041	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.0029		0.0015	0.00031	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.0028	J	0.0030	0.00039	mg/Kg	1	☼	8260B	Total/NA
o-Xylene	0.0037		0.0015	0.00038	mg/Kg	1	☼	8260B	Total/NA
m,p-Xylene	0.0030		0.0030	0.00071	mg/Kg	1	☼	8260B	Total/NA
p-Isopropyltoluene	0.0039		0.0015	0.00042	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.0031		0.0015	0.00041	mg/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	0.038		0.0015	0.00033	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.0027		0.0015	0.00040	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0028	J	0.0030	0.00058	mg/Kg	1	☼	8260B	Total/NA
Xylenes, Total	0.0067		0.0030	0.00090	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.38		0.14	0.061	mg/Kg	1	☼	8015B	Total/NA
C13-C22 - DL	1100		13	12	mg/Kg	2	☼	8015B	Total/NA
C23-C40 - DL	2200		13	12	mg/Kg	2	☼	8015B	Total/NA
Arsenic	3.03	J	3.66	2.37	mg/Kg	2	☼	6010B	Total/NA
Barium	139		2.44	0.360	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.439	J	0.488	0.115	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.0		1.22	0.648	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.62		2.44	0.520	mg/Kg	2	☼	6010B	Total/NA
Copper	16.8		2.44	0.694	mg/Kg	2	☼	6010B	Total/NA
Lead	19.5		2.44	1.61	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.3		2.44	1.39	mg/Kg	2	☼	6010B	Total/NA
Vanadium	40.5		4.88	1.07	mg/Kg	2	☼	6010B	Total/NA
Zinc	101		4.88	1.99	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.121		0.103	0.0283	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB27-5.0
Lab Sample ID: 570-209997-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023		0.018	0.0091	mg/Kg	1	☼	8260B	Total/NA
C23-C40	6.5		5.6	5.1	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.04		3.26	2.11	mg/Kg	2	☼	6010B	Total/NA
Barium	84.5		2.17	0.320	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.456		0.435	0.102	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.4		1.09	0.577	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.21		2.17	0.463	mg/Kg	2	☼	6010B	Total/NA
Copper	11.4		2.17	0.618	mg/Kg	2	☼	6010B	Total/NA
Lead	5.52		2.17	1.44	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.3		2.17	1.23	mg/Kg	2	☼	6010B	Total/NA
Vanadium	37.0		4.35	0.952	mg/Kg	2	☼	6010B	Total/NA
Zinc	41.8		4.35	1.77	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB27-15.0
Lab Sample ID: 570-209997-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.78		3.86	2.49	mg/Kg	2	☼	6010B	Total/NA
Barium	98.1		2.57	0.379	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB27-15.0 (Continued)
Lab Sample ID: 570-209997-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.848		0.514	0.121	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.3		1.29	0.682	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.0		2.57	0.547	mg/Kg	2	☼	6010B	Total/NA
Copper	23.2		2.57	0.731	mg/Kg	2	☼	6010B	Total/NA
Lead	8.89		2.57	1.70	mg/Kg	2	☼	6010B	Total/NA
Nickel	18.0		2.57	1.46	mg/Kg	2	☼	6010B	Total/NA
Selenium	2.18	J	3.86	2.01	mg/Kg	2	☼	6010B	Total/NA
Vanadium	42.5		5.14	1.13	mg/Kg	2	☼	6010B	Total/NA
Zinc	78.5		5.14	2.10	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0576	J	0.103	0.0283	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB26-2.0
Lab Sample ID: 570-209997-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.019	J	0.052	0.011	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.72		0.052	0.014	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	2.7		0.52	0.20	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	1.0		0.052	0.011	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	1.2		0.10	0.013	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.061		0.052	0.013	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.92		0.052	0.014	mg/Kg	50	☼	8260B	Total/NA
Xylenes, Total	0.061	J	0.10	0.031	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	5.2		0.23	0.13	mg/Kg	10	☼	8270C SIM	Total/NA
2-Methylnaphthalene	6.4		0.23	0.12	mg/Kg	10	☼	8270C SIM	Total/NA
Acenaphthene	0.35		0.23	0.15	mg/Kg	10	☼	8270C SIM	Total/NA
Anthracene	0.21	J	0.23	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
Chrysene	0.26		0.23	0.076	mg/Kg	10	☼	8270C SIM	Total/NA
Fluoranthene	0.13	J	0.23	0.094	mg/Kg	10	☼	8270C SIM	Total/NA
Fluorene	0.60		0.23	0.11	mg/Kg	10	☼	8270C SIM	Total/NA
Naphthalene	2.3		0.23	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
Phenanthrene	0.90		0.23	0.17	mg/Kg	10	☼	8270C SIM	Total/NA
Pyrene	0.18	J	0.23	0.10	mg/Kg	10	☼	8270C SIM	Total/NA
1-Methylnaphthalene	3.5	J	5.8	1.2	mg/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	4.4	J	5.8	1.2	mg/Kg	10	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	500		5.2	2.3	mg/Kg	50	☼	8015B	Total/NA
C13-C22	2000		29	27	mg/Kg	5	☼	8015B	Total/NA
C23-C40	1800		29	27	mg/Kg	5	☼	8015B	Total/NA
Arsenic	3.77		3.47	2.24	mg/Kg	2	☼	6010B	Total/NA
Barium	73.8		2.31	0.341	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.462		0.462	0.109	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.4		1.16	0.613	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.92		2.31	0.492	mg/Kg	2	☼	6010B	Total/NA
Copper	10.8		2.31	0.657	mg/Kg	2	☼	6010B	Total/NA
Lead	5.24		2.31	1.53	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.1		2.31	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	38.3		4.62	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	385		4.62	1.89	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB26-5.0
Lab Sample ID: 570-209997-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.023	0.011	mg/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB26-5.0 (Continued)
Lab Sample ID: 570-209997-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.0020		0.0011	0.00032	mg/Kg	1	☼	8260B	Total/NA
Naphthalene	0.0078	J	0.011	0.0045	mg/Kg	1	☼	8260B	Total/NA
n-Butylbenzene	0.0018		0.0011	0.00024	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.0029		0.0023	0.00030	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.0016		0.0011	0.00031	mg/Kg	1	☼	8260B	Total/NA
1-Methylnaphthalene	0.015	J	0.025	0.014	mg/Kg	1	☼	8270C SIM	Total/NA
2-Methylnaphthalene	0.018	J	0.025	0.013	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	1.4		0.13	0.056	mg/Kg	1	☼	8015B	Total/NA
C13-C22	12		6.1	5.6	mg/Kg	1	☼	8015B	Total/NA
C23-C40	17		6.1	5.6	mg/Kg	1	☼	8015B	Total/NA
Arsenic	10.8		3.38	2.19	mg/Kg	2	☼	6010B	Total/NA
Barium	107		2.25	0.332	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.833		0.450	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	32.5		1.13	0.598	mg/Kg	2	☼	6010B	Total/NA
Cobalt	13.3		2.25	0.480	mg/Kg	2	☼	6010B	Total/NA
Copper	18.6		2.25	0.641	mg/Kg	2	☼	6010B	Total/NA
Lead	7.97		2.25	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	20.5		2.25	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	53.3		4.50	0.986	mg/Kg	2	☼	6010B	Total/NA
Zinc	63.9		4.50	1.84	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0411	J	0.104	0.0288	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB26-15.0
Lab Sample ID: 570-209997-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022	J	0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00049	J	0.0012	0.00030	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00032	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
Arsenic	9.10		3.53	2.28	mg/Kg	2	☼	6010B	Total/NA
Barium	82.3		2.35	0.347	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.541		0.470	0.111	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.2		1.18	0.624	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.25		2.35	0.501	mg/Kg	2	☼	6010B	Total/NA
Copper	17.7		2.35	0.669	mg/Kg	2	☼	6010B	Total/NA
Lead	7.52		2.35	1.56	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.2		2.35	1.34	mg/Kg	2	☼	6010B	Total/NA
Vanadium	49.2		4.70	1.03	mg/Kg	2	☼	6010B	Total/NA
Zinc	59.4		4.70	1.92	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB42-2.0
Lab Sample ID: 570-209997-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0065	J	0.024	0.0053	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.084		0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
sec-Butylbenzene	0.00034	J	0.0012	0.00032	mg/Kg	1	☼	8260B	Total/NA
tert-Butyl alcohol (TBA)	0.014	J	0.024	0.0082	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.19		0.12	0.052	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.63	J	3.75	2.43	mg/Kg	2	☼	6010B	Total/NA
Barium	98.7		2.50	0.369	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.650		0.500	0.118	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.225	J	0.500	0.191	mg/Kg	2	☼	6010B	Total/NA
Chromium	24.2		1.25	0.664	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB42-2.0 (Continued) — Lab Sample ID: 570-209997-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.36		2.50	0.533	mg/Kg	2	☼	6010B	Total/NA
Copper	12.5		2.50	0.712	mg/Kg	2	☼	6010B	Total/NA
Lead	6.90		2.50	1.65	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.1		2.50	1.42	mg/Kg	2	☼	6010B	Total/NA
Vanadium	47.3		5.00	1.10	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.5		5.00	2.04	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB42-5.0 — Lab Sample ID: 570-209997-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.074		0.025	0.012	mg/Kg	1	☼	8260B	Total/NA
C23-C40	5.9	J	6.2	5.7	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.90	J	3.75	2.42	mg/Kg	2	☼	6010B	Total/NA
Barium	136		2.50	0.368	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.799		0.499	0.117	mg/Kg	2	☼	6010B	Total/NA
Chromium	31.4		1.25	0.663	mg/Kg	2	☼	6010B	Total/NA
Cobalt	8.91		2.50	0.532	mg/Kg	2	☼	6010B	Total/NA
Copper	13.0		2.50	0.710	mg/Kg	2	☼	6010B	Total/NA
Lead	8.47		2.50	1.65	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.9		2.50	1.42	mg/Kg	2	☼	6010B	Total/NA
Vanadium	42.4		4.99	1.09	mg/Kg	2	☼	6010B	Total/NA
Zinc	56.8		4.99	2.04	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0285	J	0.102	0.0280	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB42-15.0 — Lab Sample ID: 570-209997-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.018	0.0090	mg/Kg	1	☼	8260B	Total/NA
Arsenic	3.80		3.29	2.13	mg/Kg	2	☼	6010B	Total/NA
Barium	102		2.19	0.324	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.636		0.439	0.103	mg/Kg	2	☼	6010B	Total/NA
Chromium	26.2		1.10	0.583	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.68		2.19	0.467	mg/Kg	2	☼	6010B	Total/NA
Copper	21.5		2.19	0.624	mg/Kg	2	☼	6010B	Total/NA
Lead	7.55		2.19	1.45	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.6		2.19	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	55.6		4.39	0.961	mg/Kg	2	☼	6010B	Total/NA
Zinc	64.3		4.39	1.79	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB44-2.0 — Lab Sample ID: 570-209997-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.13		0.098	0.014	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.16		0.049	0.010	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.51		0.049	0.014	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	1.9		0.49	0.19	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.66		0.049	0.010	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.79		0.098	0.013	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.29		0.049	0.014	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.84		0.049	0.013	mg/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	2.8		0.22	0.12	mg/Kg	10	☼	8270C SIM	Total/NA
2-Methylnaphthalene	5.2		0.22	0.11	mg/Kg	10	☼	8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB44-2.0 (Continued)
Lab Sample ID: 570-209997-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.14	J	0.22	0.071	mg/Kg	10	☼	8270C SIM	Total/NA
Fluorene	0.26		0.22	0.11	mg/Kg	10	☼	8270C SIM	Total/NA
Naphthalene	1.5		0.22	0.098	mg/Kg	10	☼	8270C SIM	Total/NA
Phenanthrene	0.59		0.22	0.16	mg/Kg	10	☼	8270C SIM	Total/NA
1-Methylnaphthalene	2.9	J	14	2.8	mg/Kg	25	☼	8270C	Total/NA
2-Methylnaphthalene	5.6	J	14	2.7	mg/Kg	25	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	770		49	22	mg/Kg	500	☼	8015B	Total/NA
C13-C22 - DL	2100		27	25	mg/Kg	5	☼	8015B	Total/NA
C23-C40 - DL	2000		27	25	mg/Kg	5	☼	8015B	Total/NA
Arsenic	2.20	J	3.33	2.15	mg/Kg	2	☼	6010B	Total/NA
Barium	77.2		2.22	0.327	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.466		0.444	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.5		1.11	0.589	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.54		2.22	0.472	mg/Kg	2	☼	6010B	Total/NA
Copper	11.0		2.22	0.631	mg/Kg	2	☼	6010B	Total/NA
Lead	5.52		2.22	1.47	mg/Kg	2	☼	6010B	Total/NA
Nickel	11.4		2.22	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	37.3		4.44	0.971	mg/Kg	2	☼	6010B	Total/NA
Zinc	33.4		4.44	1.81	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB44-5.0
Lab Sample ID: 570-209997-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.014	J	0.023	0.012	mg/Kg	1	☼	8270C SIM	Total/NA
Fluorene	0.016	J	0.023	0.011	mg/Kg	1	☼	8270C SIM	Total/NA
Phenanthrene	0.041		0.023	0.017	mg/Kg	1	☼	8270C SIM	Total/NA
Gasoline Range Organics (C4-C12)	36		3.4	1.5	mg/Kg	50	☼	8015B	Total/NA
C13-C22	160		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
C23-C40	150		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Barium	79.4		2.21	0.326	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.442		0.442	0.104	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.8		1.10	0.586	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.70		2.21	0.470	mg/Kg	2	☼	6010B	Total/NA
Copper	11.0		2.21	0.628	mg/Kg	2	☼	6010B	Total/NA
Lead	6.56		2.21	1.46	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.9		2.21	1.25	mg/Kg	2	☼	6010B	Total/NA
Vanadium	34.3		4.42	0.967	mg/Kg	2	☼	6010B	Total/NA
Zinc	42.5		4.42	1.80	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB44-15.0
Lab Sample ID: 570-209997-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromoform	0.0089		0.0088	0.0023	mg/Kg	1	☼	8260B	Total/NA
Arsenic	10.3		3.39	2.19	mg/Kg	2	☼	6010B	Total/NA
Barium	102		2.26	0.333	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.610		0.452	0.106	mg/Kg	2	☼	6010B	Total/NA
Chromium	22.7		1.13	0.600	mg/Kg	2	☼	6010B	Total/NA
Cobalt	10.3		2.26	0.481	mg/Kg	2	☼	6010B	Total/NA
Copper	20.3		2.26	0.643	mg/Kg	2	☼	6010B	Total/NA
Lead	8.81		2.26	1.49	mg/Kg	2	☼	6010B	Total/NA
Nickel	17.4		2.26	1.28	mg/Kg	2	☼	6010B	Total/NA
Vanadium	49.8		4.52	0.990	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB44-15.0 (Continued) — Lab Sample ID: 570-209997-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	64.3		4.52	1.84	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0310	J	0.0981	0.0271	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB48-2.0 — Lab Sample ID: 570-209997-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.0077	J	0.027	0.0060	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.064		0.027	0.013	mg/Kg	1	☼	8260B	Total/NA
C23-C40	12		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.81	J	3.54	2.29	mg/Kg	2	☼	6010B	Total/NA
Barium	76.8		2.36	0.348	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.472		0.472	0.111	mg/Kg	2	☼	6010B	Total/NA
Chromium	19.4		1.18	0.626	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.83		2.36	0.502	mg/Kg	2	☼	6010B	Total/NA
Copper	15.1		2.36	0.671	mg/Kg	2	☼	6010B	Total/NA
Lead	6.06		2.36	1.56	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	1.84	J	4.72	1.16	mg/Kg	2	☼	6010B	Total/NA
Nickel	13.2		2.36	1.34	mg/Kg	2	☼	6010B	Total/NA
Vanadium	41.9		4.72	1.03	mg/Kg	2	☼	6010B	Total/NA
Zinc	51.4		4.72	1.92	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB48-5.0 — Lab Sample ID: 570-209997-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	0.014	J	0.041	0.0093	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.14		0.041	0.020	mg/Kg	1	☼	8260B	Total/NA
C13-C22	27		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
C23-C40	130		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.87	J	3.21	2.08	mg/Kg	2	☼	6010B	Total/NA
Barium	83.7		2.14	0.316	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.514		0.429	0.101	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.3		1.07	0.569	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.89		2.14	0.457	mg/Kg	2	☼	6010B	Total/NA
Copper	14.0		2.14	0.610	mg/Kg	2	☼	6010B	Total/NA
Lead	6.62		2.14	1.42	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.9		2.14	1.22	mg/Kg	2	☼	6010B	Total/NA
Vanadium	41.1		4.29	0.939	mg/Kg	2	☼	6010B	Total/NA
Zinc	46.6		4.29	1.75	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB48-15.0 — Lab Sample ID: 570-209997-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021	J	0.033	0.016	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00049	J	0.0017	0.00043	mg/Kg	1	☼	8260B	Total/NA
Arsenic	8.10		3.14	2.03	mg/Kg	2	☼	6010B	Total/NA
Barium	70.1		2.09	0.309	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.418		0.418	0.0983	mg/Kg	2	☼	6010B	Total/NA
Chromium	18.7		1.05	0.555	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.17		2.09	0.446	mg/Kg	2	☼	6010B	Total/NA
Copper	15.3		2.09	0.595	mg/Kg	2	☼	6010B	Total/NA
Lead	5.40		2.09	1.38	mg/Kg	2	☼	6010B	Total/NA
Nickel	12.8		2.09	1.19	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB48-15.0 (Continued) — Lab Sample ID: 570-209997-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	39.2		4.18	0.916	mg/Kg	2	☼	6010B	Total/NA
Zinc	48.6		4.18	1.71	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB49-2.0 — Lab Sample ID: 570-209997-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.024	J	0.036	0.018	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00084	J	0.0018	0.00047	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00075	J	0.0018	0.00049	mg/Kg	1	☼	8260B	Total/NA
C23-C40	11		5.8	5.3	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.47	J	3.46	2.24	mg/Kg	2	☼	6010B	Total/NA
Barium	71.5		2.30	0.340	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.230	J	0.461	0.108	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.968		0.461	0.176	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.5		1.15	0.612	mg/Kg	2	☼	6010B	Total/NA
Cobalt	4.52		2.30	0.491	mg/Kg	2	☼	6010B	Total/NA
Copper	10.8		2.30	0.655	mg/Kg	2	☼	6010B	Total/NA
Lead	2.76		2.30	1.52	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	4.05	J	4.61	1.13	mg/Kg	2	☼	6010B	Total/NA
Nickel	14.8		2.30	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	31.0		4.61	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	38.1		4.61	1.88	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB49-5.0 — Lab Sample ID: 570-209997-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.023		0.020	0.0097	mg/Kg	1	☼	8260B	Total/NA
Benzene	0.00067	J	0.00099	0.00025	mg/Kg	1	☼	8260B	Total/NA
Ethylbenzene	0.00021	J	0.00099	0.00020	mg/Kg	1	☼	8260B	Total/NA
Toluene	0.00061	J	0.00099	0.00027	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.064	J	0.097	0.043	mg/Kg	1	☼	8015B	Total/NA
C23-C40	6.1		6.0	5.5	mg/Kg	1	☼	8015B	Total/NA
Arsenic	3.60		3.34	2.16	mg/Kg	2	☼	6010B	Total/NA
Barium	105		2.22	0.328	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.245	J	0.445	0.105	mg/Kg	2	☼	6010B	Total/NA
Cadmium	1.25		0.445	0.170	mg/Kg	2	☼	6010B	Total/NA
Chromium	17.1		1.11	0.591	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.01		2.22	0.474	mg/Kg	2	☼	6010B	Total/NA
Copper	11.4		2.22	0.633	mg/Kg	2	☼	6010B	Total/NA
Lead	7.12		2.22	1.47	mg/Kg	2	☼	6010B	Total/NA
Molybdenum	3.67	J	4.45	1.09	mg/Kg	2	☼	6010B	Total/NA
Nickel	16.0		2.22	1.26	mg/Kg	2	☼	6010B	Total/NA
Vanadium	37.3		4.45	0.974	mg/Kg	2	☼	6010B	Total/NA
Zinc	44.1		4.45	1.82	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB45-1.0 — Lab Sample ID: 570-209997-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.073		0.020	0.0099	mg/Kg	1	☼	8260B	Total/NA
C13-C22	17		5.4	4.9	mg/Kg	1	☼	8015B	Total/NA
C23-C40	53		5.4	4.9	mg/Kg	1	☼	8015B	Total/NA
Barium	52.7		2.14	0.315	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB45-1.0 (Continued) — Lab Sample ID: 570-209997-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.320	J	0.427	0.100	mg/Kg	2	☼	6010B	Total/NA
Chromium	15.8		1.07	0.567	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.90		2.14	0.455	mg/Kg	2	☼	6010B	Total/NA
Copper	10.9		2.14	0.608	mg/Kg	2	☼	6010B	Total/NA
Lead	4.17		2.14	1.41	mg/Kg	2	☼	6010B	Total/NA
Nickel	7.01		2.14	1.21	mg/Kg	2	☼	6010B	Total/NA
Vanadium	30.9		4.27	0.936	mg/Kg	2	☼	6010B	Total/NA
Zinc	30.7		4.27	1.74	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB45-5.0 — Lab Sample ID: 570-209997-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.048		0.018	0.0089	mg/Kg	1	☼	8260B	Total/NA
Arsenic	2.81	J	3.45	2.23	mg/Kg	2	☼	6010B	Total/NA
Barium	99.9		2.30	0.340	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.414	J	0.460	0.108	mg/Kg	2	☼	6010B	Total/NA
Chromium	16.0		1.15	0.611	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.75		2.30	0.490	mg/Kg	2	☼	6010B	Total/NA
Copper	10.8		2.30	0.655	mg/Kg	2	☼	6010B	Total/NA
Lead	5.39		2.30	1.52	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.7		2.30	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	33.4		4.60	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	35.9		4.60	1.88	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB45-15.0 — Lab Sample ID: 570-209997-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.018	J	0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Arsenic	5.59		3.19	2.06	mg/Kg	2	☼	6010B	Total/NA
Barium	102		2.13	0.314	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.489		0.425	0.0999	mg/Kg	2	☼	6010B	Total/NA
Chromium	21.5		1.06	0.565	mg/Kg	2	☼	6010B	Total/NA
Cobalt	9.82		2.13	0.453	mg/Kg	2	☼	6010B	Total/NA
Copper	14.2		2.13	0.605	mg/Kg	2	☼	6010B	Total/NA
Lead	6.46		2.13	1.41	mg/Kg	2	☼	6010B	Total/NA
Nickel	15.3		2.13	1.21	mg/Kg	2	☼	6010B	Total/NA
Vanadium	46.3		4.25	0.931	mg/Kg	2	☼	6010B	Total/NA
Zinc	54.0		4.25	1.74	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0347	J *1	0.0957	0.0264	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB39-2.0 — Lab Sample ID: 570-209997-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.062	J	0.095	0.013	mg/Kg	50	☼	8260B	Total/NA
Ethylbenzene	0.63		0.048	0.0098	mg/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	0.52		0.048	0.013	mg/Kg	50	☼	8260B	Total/NA
Naphthalene	2.0		0.48	0.19	mg/Kg	50	☼	8260B	Total/NA
n-Butylbenzene	0.72		0.048	0.010	mg/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	0.80		0.095	0.012	mg/Kg	50	☼	8260B	Total/NA
o-Xylene	0.024	J	0.048	0.012	mg/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	0.12		0.048	0.013	mg/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	0.74		0.048	0.013	mg/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB39-2.0 (Continued)
Lab Sample ID: 570-209997-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	5.0		0.44	0.24	mg/Kg	20	☼	8270C SIM	Total/NA
2-Methylnaphthalene	6.0		0.44	0.23	mg/Kg	20	☼	8270C SIM	Total/NA
Acenaphthene	0.32	J	0.44	0.29	mg/Kg	20	☼	8270C SIM	Total/NA
Chrysene	0.21	J	0.44	0.14	mg/Kg	20	☼	8270C SIM	Total/NA
Fluorene	0.94		0.44	0.22	mg/Kg	20	☼	8270C SIM	Total/NA
Naphthalene	1.6		0.44	0.20	mg/Kg	20	☼	8270C SIM	Total/NA
Phenanthrene	1.2		0.44	0.33	mg/Kg	20	☼	8270C SIM	Total/NA
Pyrene	0.20	J	0.44	0.19	mg/Kg	20	☼	8270C SIM	Total/NA
2-Methylnaphthalene	5.8	J	28	5.6	mg/Kg	50	☼	8270C	Total/NA
Gasoline Range Organics (C4-C12)	580		9.5	4.2	mg/Kg	100	☼	8015B	Total/NA
C13-C22	8600		55	50	mg/Kg	10	☼	8015B	Total/NA
C23-C40	8000		55	50	mg/Kg	10	☼	8015B	Total/NA
Barium	323		2.31	0.341	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.277	J	0.462	0.109	mg/Kg	2	☼	6010B	Total/NA
Chromium	12.7		1.15	0.613	mg/Kg	2	☼	6010B	Total/NA
Cobalt	3.90		2.31	0.492	mg/Kg	2	☼	6010B	Total/NA
Copper	10.9		2.31	0.657	mg/Kg	2	☼	6010B	Total/NA
Lead	13.5		2.31	1.53	mg/Kg	2	☼	6010B	Total/NA
Nickel	13.3		2.31	1.31	mg/Kg	2	☼	6010B	Total/NA
Vanadium	23.7		4.62	1.01	mg/Kg	2	☼	6010B	Total/NA
Zinc	111		4.62	1.88	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: SB39-5.0
Lab Sample ID: 570-209997-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.033		0.018	0.0086	mg/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.0032		0.0018	0.00034	mg/Kg	1	☼	8260B	Total/NA
C23-C40	5.3	J	5.4	5.0	mg/Kg	1	☼	8015B	Total/NA
Arsenic	2.11	J	2.98	1.93	mg/Kg	2	☼	6010B	Total/NA
Barium	56.2		1.99	0.293	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.338	J	0.398	0.0935	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.9		0.995	0.528	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.67		1.99	0.424	mg/Kg	2	☼	6010B	Total/NA
Copper	8.85		1.99	0.566	mg/Kg	2	☼	6010B	Total/NA
Lead	4.58		1.99	1.32	mg/Kg	2	☼	6010B	Total/NA
Nickel	9.15		1.99	1.13	mg/Kg	2	☼	6010B	Total/NA
Vanadium	29.3		3.98	0.871	mg/Kg	2	☼	6010B	Total/NA
Zinc	30.9		3.98	1.62	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0400	J *1	0.0881	0.0243	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB39-15.0
Lab Sample ID: 570-209997-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.021	0.010	mg/Kg	1	☼	8260B	Total/NA
Arsenic	2.86	J	3.41	2.21	mg/Kg	2	☼	6010B	Total/NA
Barium	39.9		2.27	0.335	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.318	J	0.454	0.107	mg/Kg	2	☼	6010B	Total/NA
Chromium	14.1		1.14	0.603	mg/Kg	2	☼	6010B	Total/NA
Cobalt	5.50		2.27	0.484	mg/Kg	2	☼	6010B	Total/NA
Copper	10.1		2.27	0.646	mg/Kg	2	☼	6010B	Total/NA
Lead	3.86		2.27	1.50	mg/Kg	2	☼	6010B	Total/NA
Nickel	10.3		2.27	1.29	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB39-15.0 (Continued)
Lab Sample ID: 570-209997-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	32.6		4.54	0.995	mg/Kg	2	☼	6010B	Total/NA
Zinc	33.6		4.54	1.85	mg/Kg	2	☼	6010B	Total/NA

Client Sample ID: EB-20241206
Lab Sample ID: 570-209997-28

No Detections.

Client Sample ID: TB-20241206
Lab Sample ID: 570-209997-29

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00095	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1,1-Trichloroethane	ND		0.00095	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1,2,2-Tetrachloroethane	ND		0.0019	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0095	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1,2-Trichloroethane	ND		0.00095	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1-Dichloroethane	ND		0.00095	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1-Dichloroethene	ND		0.00095	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,1-Dichloropropene	ND		0.0019	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2,3-Trichlorobenzene	ND		0.0019	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2,3-Trichloropropane	ND		0.0019	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2,4-Trichlorobenzene	ND		0.0019	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2,4-Trimethylbenzene	ND		0.0019	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2-Dibromo-3-Chloropropane	ND		0.0095	0.0032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2-Dibromoethane	ND		0.00095	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2-Dichloroethane	ND		0.00095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,2-Dichloropropane	ND		0.00095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,3,5-Trimethylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,3-Dichlorobenzene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,3-Dichloropropane	ND		0.00095	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
1,4-Dichlorobenzene	ND		0.00095	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
2,2-Dichloropropane	ND		0.0047	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
2-Butanone (MEK)	ND		0.019	0.0043	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
2-Chlorotoluene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
2-Hexanone	ND		0.019	0.0029	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
4-Chlorotoluene	ND		0.00095	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.019	0.0028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Acetone	**0.030**		0.019	0.0093	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Benzene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Bromobenzene	ND		0.00095	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Bromochloromethane	ND		0.0019	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Bromodichloromethane	ND		0.00095	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Bromoform	ND		0.0047	0.0013	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Bromomethane	ND		0.019	0.0062	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
cis-1,2-Dichloroethene	ND		0.00095	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
cis-1,3-Dichloropropene	ND		0.00095	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Carbon disulfide	ND		0.0095	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Carbon tetrachloride	ND		0.00095	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Chlorobenzene	ND		0.00095	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Chloroethane	ND		0.0019	0.00071	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Chloroform	ND		0.00095	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Chloromethane	ND		0.019	0.0015	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Dibromochloromethane	ND		0.0019	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Dibromomethane	ND		0.00095	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Dichlorodifluoromethane	ND		0.0019	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Di-isopropyl ether (DIPE)	ND		0.00095	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Ethanol	ND		0.24	0.087	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Ethylbenzene	ND		0.00095	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.00095	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Methylene Chloride	ND		0.0095	0.0030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0019	0.00018	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Naphthalene	ND		0.0095	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
n-Butylbenzene	ND		0.00095	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
N-Propylbenzene	ND		0.0019	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
o-Xylene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
m,p-Xylene	ND		0.0019	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
p-Isopropyltoluene	ND		0.00095	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
sec-Butylbenzene	ND		0.00095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Styrene	ND		0.00095	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
trans-1,2-Dichloroethene	ND		0.00095	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
trans-1,3-Dichloropropene	ND		0.0019	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Tert-amyl-methyl ether (TAME)	ND		0.00095	0.00018	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
tert-Butyl alcohol (TBA)	ND		0.019	0.0066	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
tert-Butylbenzene	ND		0.00095	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Tetrachloroethene	ND		0.00095	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Toluene	ND		0.00095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Trichloroethene	ND		0.0019	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Trichlorofluoromethane	ND		0.0095	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Vinyl acetate	ND		0.0095	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Vinyl chloride	ND		0.00095	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1
Xylenes, Total	ND		0.0019	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*32 - 179*	*12/09/24 14:44*	*12/10/24 03:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*	*12/09/24 14:44*	*12/10/24 03:29*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*	*12/09/24 14:44*	*12/10/24 03:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/09/24 14:44*	*12/10/24 03:29*	*1*

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
2,2-Dichloropropane	ND		0.0060	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
2-Butanone (MEK)	ND		0.024	0.0054	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Acetone	**0.017**	**J**	0.024	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Chloroethane	ND		0.0024	0.00089	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
m,p-Xylene	ND		0.0024	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1
Xylenes, Total	ND		0.0024	0.00072	mg/Kg	☼	12/09/24 14:44	12/10/24 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*32 - 179*	*12/09/24 14:44*	*12/10/24 03:49*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/09/24 14:44*	*12/10/24 03:49*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/09/24 14:44*	*12/10/24 03:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/09/24 14:44*	*12/10/24 03:49*	*1*

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00066	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1,2-Trichloroethane	ND		0.0012	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,1-Dichloropropene	ND		0.0024	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2,3-Trichloropropane	ND		0.0024	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2-Dichloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,2-Dichloropropane	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,3-Dichlorobenzene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,3-Dichloropropane	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
2,2-Dichloropropane	ND		0.0061	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
2-Butanone (MEK)	ND		0.024	0.0055	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
2-Chlorotoluene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Acetone	**0.035**		0.024	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Bromochloromethane	ND		0.0024	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Bromodichloromethane	ND		0.0012	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	**0.0028**	**J**	0.0061	0.0016	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Bromomethane	ND		0.024	0.0080	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
cis-1,2-Dichloroethene	ND		0.0012	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Carbon disulfide	ND		0.012	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Chlorobenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Chloroethane	ND		0.0024	0.00091	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Chloroform	ND		0.0012	0.00072	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Chloromethane	ND		0.024	0.0019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Dibromochloromethane	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Dibromomethane	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Dichlorodifluoromethane	ND		0.0024	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00061	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Isopropylbenzene	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Methylene Chloride	ND		0.012	0.0038	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Naphthalene	ND		0.012	0.0048	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
n-Butylbenzene	ND		0.0012	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
N-Propylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
o-Xylene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
m,p-Xylene	ND		0.0024	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Styrene	ND		0.0012	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
trans-1,2-Dichloroethene	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
trans-1,3-Dichloropropene	ND		0.0024	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0085	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
tert-Butylbenzene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Toluene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Trichloroethene	ND		0.0024	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Trichlorofluoromethane	ND		0.012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Vinyl acetate	ND		0.012	0.0048	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Vinyl chloride	ND		0.0012	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1
Xylenes, Total	ND		0.0024	0.00073	mg/Kg	☼	12/09/24 14:44	12/10/24 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/09/24 14:44*	*12/10/24 04:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:09*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/09/24 14:44*	*12/10/24 04:09*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:09*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0015	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1,1-Trichloroethane	ND		0.0015	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1,2,2-Tetrachloroethane	ND		0.0030	0.00081	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.015	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1,2-Trichloroethane	ND		0.0015	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1-Dichloroethane	ND		0.0015	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1-Dichloroethene	ND		0.0015	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,1-Dichloropropene	ND		0.0030	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2,3-Trichlorobenzene	ND		0.0030	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2,3-Trichloropropane	ND		0.0030	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2,4-Trichlorobenzene	ND		0.0030	0.00061	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2,4-Trimethylbenzene	**0.0034**		0.0030	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2-Dibromo-3-Chloropropane	ND		0.015	0.0050	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2-Dibromoethane	ND		0.0015	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2-Dichlorobenzene	ND		0.0015	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2-Dichloroethane	ND		0.0015	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,2-Dichloropropane	ND		0.0015	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,3,5-Trimethylbenzene	**0.0016**	**J**	0.0030	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,3-Dichlorobenzene	ND		0.0015	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,3-Dichloropropane	ND		0.0015	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
1,4-Dichlorobenzene	ND		0.0015	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
2,2-Dichloropropane	ND		0.0075	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
2-Butanone (MEK)	**0.022**	**J**	0.030	0.0068	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
2-Chlorotoluene	ND		0.0015	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
2-Hexanone	ND		0.030	0.0046	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
4-Chlorotoluene	ND		0.0015	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
4-Methyl-2-pentanone (MIBK)	**0.022**	**J**	0.030	0.0044	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Acetone	**0.19**		0.030	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Benzene	**0.0017**		0.0015	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Bromobenzene	ND		0.0015	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Bromochloromethane	ND		0.0030	0.00067	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Bromodichloromethane	ND		0.0015	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Bromoform	ND		0.0075	0.0020	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Bromomethane	ND		0.030	0.0098	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
cis-1,2-Dichloroethene	ND		0.0015	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
cis-1,3-Dichloropropene	ND		0.0015	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Carbon disulfide	**0.0028**	**J**	0.015	0.00060	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Carbon tetrachloride	ND		0.0015	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Chlorobenzene	ND		0.0015	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Chloroethane	ND		0.0030	0.0011	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Chloroform	ND		0.0015	0.00088	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Chloromethane	ND		0.030	0.0023	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Dibromochloromethane	ND		0.0030	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Dibromomethane	ND		0.0015	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Dichlorodifluoromethane	ND		0.0030	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Di-isopropyl ether (DIPE)	ND		0.0015	0.00075	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Ethanol	ND		0.37	0.14	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Ethylbenzene	**0.0059**		0.0015	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Ethyl-t-butyl ether (ETBE)	ND		0.0015	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.0037**		0.0015	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Methylene Chloride	ND		0.015	0.0047	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0030	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Naphthalene	ND		0.015	0.0059	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
n-Butylbenzene	**0.0029**		0.0015	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
N-Propylbenzene	**0.0028**	**J**	0.0030	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
o-Xylene	**0.0037**		0.0015	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
m,p-Xylene	**0.0030**		0.0030	0.00071	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
p-Isopropyltoluene	**0.0039**		0.0015	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
sec-Butylbenzene	**0.0031**		0.0015	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Styrene	ND		0.0015	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
trans-1,2-Dichloroethene	ND		0.0015	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
trans-1,3-Dichloropropene	ND		0.0030	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Tert-amyl-methyl ether (TAME)	ND		0.0015	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
tert-Butyl alcohol (TBA)	ND		0.030	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
tert-Butylbenzene	ND		0.0015	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Tetrachloroethene	**0.038**		0.0015	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Toluene	**0.0027**		0.0015	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Trichloroethene	**0.0028**	**J**	0.0030	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Trichlorofluoromethane	ND		0.015	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Vinyl acetate	ND		0.015	0.0059	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Vinyl chloride	ND		0.0015	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1
Xylenes, Total	**0.0067**		0.0030	0.00090	mg/Kg	☼	12/09/24 14:44	12/10/24 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/09/24 14:44*	*12/10/24 05:09*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*	*12/09/24 14:44*	*12/10/24 05:09*	*1*
Dibromofluoromethane (Surr)	*95*		*58 - 147*	*12/09/24 14:44*	*12/10/24 05:09*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*12/09/24 14:44*	*12/10/24 05:09*	*1*

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00092	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1,1-Trichloroethane	ND		0.00092	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0092	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1,2-Trichloroethane	ND		0.00092	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1-Dichloroethane	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1-Dichloroethene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,1-Dichloropropene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2,3-Trichloropropane	ND		0.0018	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2-Dibromo-3-Chloropropane	ND		0.0092	0.0031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2-Dibromoethane	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,2-Dichloroethane	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,3-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,3-Dichloropropane	ND		0.00092	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
1,4-Dichlorobenzene	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
2,2-Dichloropropane	ND		0.0046	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
2-Butanone (MEK)	ND		0.018	0.0042	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
2-Chlorotoluene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
2-Hexanone	ND		0.018	0.0028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
4-Chlorotoluene	ND		0.00092	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		0.018	0.0027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Acetone	**0.023**		0.018	0.0091	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Benzene	ND		0.00092	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Bromobenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Bromochloromethane	ND		0.0018	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Bromodichloromethane	ND		0.00092	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Bromoform	ND		0.0046	0.0012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Bromomethane	ND		0.018	0.0061	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
cis-1,2-Dichloroethene	ND		0.00092	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
cis-1,3-Dichloropropene	ND		0.00092	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Carbon disulfide	ND		0.0092	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Carbon tetrachloride	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Chlorobenzene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Chloroethane	ND		0.0018	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Chloroform	ND		0.00092	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Chloromethane	ND		0.018	0.0014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Dibromomethane	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Dichlorodifluoromethane	ND		0.0018	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Di-isopropyl ether (DIPE)	ND		0.00092	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Ethanol	ND		0.23	0.085	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Ethylbenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Ethyl-t-butyl ether (ETBE)	ND		0.00092	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Isopropylbenzene	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Methylene Chloride	ND		0.0092	0.0029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Naphthalene	ND		0.0092	0.0036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
n-Butylbenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
N-Propylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
o-Xylene	ND		0.00092	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
m,p-Xylene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
p-Isopropyltoluene	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
sec-Butylbenzene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Styrene	ND		0.00092	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
trans-1,2-Dichloroethene	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
trans-1,3-Dichloropropene	ND		0.0018	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Tert-amyl-methyl ether (TAME)	ND		0.00092	0.00018	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0065	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
tert-Butylbenzene	ND		0.00092	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00092	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Toluene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Trichloroethene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Trichlorofluoromethane	ND		0.0092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Vinyl acetate	ND		0.0092	0.0036	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Vinyl chloride	ND		0.00092	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1
Xylenes, Total	ND		0.0018	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*32 - 179*	*12/09/24 14:44*	*12/10/24 04:29*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:29*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/09/24 14:44*	*12/10/24 04:29*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:29*	*1*

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1,1-Trichloroethane	ND		0.0011	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1,2-Trichloroethane	ND		0.0011	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1-Dichloroethene	ND		0.0011	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2-Dibromoethane	ND		0.0011	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2-Dichlorobenzene	ND		0.0011	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2-Dichloroethane	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,2-Dichloropropane	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,3-Dichlorobenzene	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,3-Dichloropropane	ND		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
1,4-Dichlorobenzene	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
2,2-Dichloropropane	ND		0.0053	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
2-Chlorotoluene	ND		0.0011	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
4-Chlorotoluene	ND		0.0011	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Acetone	ND		0.021	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Benzene	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Bromobenzene	ND		0.0011	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Bromodichloromethane	ND		0.0011	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0053	0.0014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
cis-1,2-Dichloroethene	ND		0.0011	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
cis-1,3-Dichloropropene	ND		0.0011	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Carbon disulfide	ND		0.011	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Carbon tetrachloride	ND		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Chlorobenzene	ND		0.0011	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Chloroform	ND		0.0011	0.00062	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Dibromomethane	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Dichlorodifluoromethane	ND		0.0021	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Ethanol	ND		0.26	0.097	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Ethylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Isopropylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Methylene Chloride	ND		0.011	0.0033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Naphthalene	ND		0.011	0.0041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
n-Butylbenzene	ND		0.0011	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
o-Xylene	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
p-Isopropyltoluene	ND		0.0011	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
sec-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Styrene	ND		0.0011	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
trans-1,2-Dichloroethene	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
tert-Butylbenzene	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Tetrachloroethene	ND		0.0011	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Toluene	ND		0.0011	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Trichloroethene	ND		0.0021	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Trichlorofluoromethane	ND		0.011	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Vinyl acetate	ND		0.011	0.0041	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Vinyl chloride	ND		0.0011	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/09/24 14:44*	*12/10/24 04:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:49*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/09/24 14:44*	*12/10/24 04:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:49*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.052	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1,1-Trichloroethane	ND		0.052	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.028	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.52	0.024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1,2-Trichloroethane	ND		0.052	0.024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1-Dichloroethane	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1-Dichloroethene	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,1-Dichloropropene	ND		0.10	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2,3-Trichloropropane	ND		0.10	0.022	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2-Dibromo-3-Chloropropane	ND		0.52	0.17	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2-Dibromoethane	ND		0.052	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2-Dichlorobenzene	ND		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2-Dichloroethane	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,2-Dichloropropane	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,3,5-Trimethylbenzene	ND		0.10	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,3-Dichlorobenzene	ND		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,3-Dichloropropane	ND		0.052	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
1,4-Dichlorobenzene	ND		0.052	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
2,2-Dichloropropane	ND		0.26	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
2-Chlorotoluene	ND		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
2-Hexanone	ND		1.0	0.16	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
4-Chlorotoluene	ND		0.052	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Acetone	ND		1.0	0.51	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Benzene	ND		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Bromobenzene	ND		0.052	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Bromochloromethane	ND		0.10	0.023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Bromodichloromethane	ND		0.052	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Bromoform	ND		0.26	0.068	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Bromomethane	ND		1.0	0.34	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
cis-1,2-Dichloroethene	ND		0.052	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
cis-1,3-Dichloropropene	ND		0.052	0.018	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Carbon disulfide	ND		0.52	0.021	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Carbon tetrachloride	ND		0.052	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Chlorobenzene	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Chloroethane	ND		0.10	0.038	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Chloroform	ND		0.052	0.030	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Chloromethane	ND		1.0	0.079	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Dibromomethane	ND		0.052	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Di-isopropyl ether (DIPE)	ND		0.052	0.026	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Ethanol	ND		13	4.7	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Ethylbenzene	**0.019**	**J**	0.052	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Ethyl-t-butyl ether (ETBE)	ND		0.052	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.72**		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Methylene Chloride	ND		0.52	0.16	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0097	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Naphthalene	**2.7**		0.52	0.20	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
n-Butylbenzene	**1.0**		0.052	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
N-Propylbenzene	**1.2**		0.10	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
o-Xylene	**0.061**		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
m,p-Xylene	ND		0.10	0.024	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
p-Isopropyltoluene	ND		0.052	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
sec-Butylbenzene	**0.92**		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Styrene	ND		0.052	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
trans-1,2-Dichloroethene	ND		0.052	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Tert-amyl-methyl ether (TAME)	ND		0.052	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
tert-Butyl alcohol (TBA)	ND		1.0	0.36	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
tert-Butylbenzene	ND		0.052	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Tetrachloroethene	ND		0.052	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Toluene	ND		0.052	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Trichloroethene	ND		0.10	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Trichlorofluoromethane	ND		0.52	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Vinyl acetate	ND		0.52	0.20	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Vinyl chloride	ND		0.052	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50
Xylenes, Total	**0.061**	**J**	0.10	0.031	mg/Kg	☼	12/09/24 14:44	12/10/24 04:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*	*12/09/24 14:44*	*12/10/24 04:55*	*50*
4-Bromofluorobenzene (Surr)	*76*	*S1-*	*80 - 120*	*12/09/24 14:44*	*12/10/24 04:55*	*50*
Dibromofluoromethane (Surr)	*89*		*58 - 147*	*12/09/24 14:44*	*12/10/24 04:55*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/09/24 14:44*	*12/10/24 04:55*	*50*

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0011	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1,1-Trichloroethane	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1,2,2-Tetrachloroethane	ND		0.0023	0.00062	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.011	0.00053	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1,2-Trichloroethane	ND		0.0011	0.00053	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1-Dichloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1-Dichloroethene	ND		0.0011	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,1-Dichloropropene	ND		0.0023	0.00044	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2,3-Trichlorobenzene	ND		0.0023	0.00043	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2,3-Trichloropropane	ND		0.0023	0.00048	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2,4-Trichlorobenzene	ND		0.0023	0.00047	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2,4-Trimethylbenzene	ND		0.0023	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0038	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2-Dibromoethane	ND		0.0011	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,2-Dichloroethane	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,3,5-Trimethylbenzene	ND		0.0023	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,3-Dichlorobenzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,3-Dichloropropane	ND		0.0011	0.00034	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
1,4-Dichlorobenzene	ND		0.0011	0.00035	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
2,2-Dichloropropane	ND		0.0057	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
2-Butanone (MEK)	ND		0.023	0.0052	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
2-Chlorotoluene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
2-Hexanone	ND		0.023	0.0035	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
4-Chlorotoluene	ND		0.0011	0.00028	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		0.023	0.0033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Acetone	**0.027**		0.023	0.011	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Benzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Bromobenzene	ND		0.0011	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Bromochloromethane	ND		0.0023	0.00051	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Bromodichloromethane	ND		0.0011	0.00037	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Bromoform	ND		0.0057	0.0015	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Bromomethane	ND		0.023	0.0075	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
cis-1,2-Dichloroethene	ND		0.0011	0.00039	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
cis-1,3-Dichloropropene	ND		0.0011	0.00040	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Carbon disulfide	ND		0.011	0.00046	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Carbon tetrachloride	ND		0.0011	0.00034	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Chlorobenzene	ND		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Chloroethane	ND		0.0023	0.00085	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Chloroform	ND		0.0011	0.00067	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Chloromethane	ND		0.023	0.0018	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Dibromochloromethane	ND		0.0023	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Dibromomethane	ND		0.0011	0.00035	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Dichlorodifluoromethane	ND		0.0023	0.00052	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Di-isopropyl ether (DIPE)	ND		0.0011	0.00057	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Ethanol	ND		0.29	0.11	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Ethylbenzene	ND		0.0011	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.0011	0.00027	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Isopropylbenzene	**0.0020**		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Methylene Chloride	ND		0.011	0.0036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0023	0.00021	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Naphthalene	**0.0078**	**J**	0.011	0.0045	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
n-Butylbenzene	**0.0018**		0.0011	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
N-Propylbenzene	**0.0029**		0.0023	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
o-Xylene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
m,p-Xylene	ND		0.0023	0.00054	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
p-Isopropyltoluene	ND		0.0011	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
sec-Butylbenzene	**0.0016**		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Styrene	ND		0.0011	0.00036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
trans-1,2-Dichloroethene	ND		0.0011	0.00034	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
trans-1,3-Dichloropropene	ND		0.0023	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Tert-amyl-methyl ether (TAME)	ND		0.0011	0.00022	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
tert-Butyl alcohol (TBA)	ND		0.023	0.0080	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
tert-Butylbenzene	ND		0.0011	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0011	0.00026	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Toluene	ND		0.0011	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Trichloroethene	ND		0.0023	0.00044	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Trichlorofluoromethane	ND		0.011	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Vinyl acetate	ND		0.011	0.0045	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Vinyl chloride	ND		0.0011	0.00043	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1
Xylenes, Total	ND		0.0023	0.00069	mg/Kg	☼	12/09/24 14:44	12/09/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*32 - 179*	*12/09/24 14:44*	*12/09/24 23:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/09/24 23:22*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/09/24 14:44*	*12/09/24 23:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*12/09/24 14:44*	*12/09/24 23:22*	*1*

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00064	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00044	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
2-Butanone (MEK)	ND		0.024	0.0053	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
2-Hexanone	ND		0.024	0.0036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0034	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Acetone	**0.022**	**J**	0.024	0.012	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Benzene	**0.00049**	**J**	0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0059	0.0016	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Chloroethane	ND		0.0024	0.00088	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
m,p-Xylene	ND		0.0024	0.00056	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
sec-Butylbenzene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Toluene	**0.00032**	**J**	0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1
Xylenes, Total	ND		0.0024	0.00071	mg/Kg	☼	12/09/24 14:44	12/09/24 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*32 - 179*	*12/09/24 14:44*	*12/09/24 23:44*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/09/24 14:44*	*12/09/24 23:44*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/09/24 14:44*	*12/09/24 23:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*12/09/24 14:44*	*12/09/24 23:44*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00064	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1-Dichloroethene	ND		0.0012	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2,3-Trichloropropane	ND		0.0024	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2,4-Trimethylbenzene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2-Dibromoethane	ND		0.0012	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,2-Dichloropropane	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
1,4-Dichlorobenzene	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
2,2-Dichloropropane	ND		0.0059	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
2-Butanone (MEK)	**0.0065**	**J**	0.024	0.0053	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
2-Hexanone	ND		0.024	0.0036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
4-Chlorotoluene	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Acetone	**0.084**		0.024	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Benzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Bromochloromethane	ND		0.0024	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Bromodichloromethane	ND		0.0012	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Bromoform	ND		0.0059	0.0016	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Bromomethane	ND		0.024	0.0077	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
cis-1,3-Dichloropropene	ND		0.0012	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Carbon disulfide	ND		0.012	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Carbon tetrachloride	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Chloroethane	ND		0.0024	0.00088	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Chloroform	ND		0.0012	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Dichlorodifluoromethane	ND		0.0024	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00059	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Ethanol	ND		0.29	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Ethylbenzene	ND		0.0012	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Naphthalene	ND		0.012	0.0046	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
N-Propylbenzene	ND		0.0024	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
m,p-Xylene	ND		0.0024	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
p-Isopropyltoluene	ND		0.0012	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
sec-Butylbenzene	**0.00034**	**J**	0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Styrene	ND		0.0012	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
trans-1,2-Dichloroethene	ND		0.0012	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
tert-Butyl alcohol (TBA)	**0.014**	**J**	0.024	0.0082	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Tetrachloroethene	ND		0.0012	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Vinyl acetate	ND		0.012	0.0046	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1
Xylenes, Total	ND		0.0024	0.00071	mg/Kg	☼	12/09/24 14:44	12/10/24 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/09/24 14:44*	*12/10/24 00:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:06*	*1*
Dibromofluoromethane (Surr)	*94*		*58 - 147*	*12/09/24 14:44*	*12/10/24 00:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:06*	*1*

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1,1-Trichloroethane	ND		0.0013	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1,2,2-Tetrachloroethane	ND		0.0025	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1,2-Trichloroethane	ND		0.0013	0.00059	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1-Dichloroethene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,1-Dichloropropene	ND		0.0025	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2,3-Trichlorobenzene	ND		0.0025	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2,3-Trichloropropane	ND		0.0025	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2,4-Trichlorobenzene	ND		0.0025	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2,4-Trimethylbenzene	ND		0.0025	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0042	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2-Dibromoethane	ND		0.0013	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,2-Dichloroethane	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,3,5-Trimethylbenzene	ND		0.0025	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,3-Dichlorobenzene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,3-Dichloropropane	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
1,4-Dichlorobenzene	ND		0.0013	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
2,2-Dichloropropane	ND		0.0063	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
2-Butanone (MEK)	ND		0.025	0.0057	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
2-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
2-Hexanone	ND		0.025	0.0039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
4-Chlorotoluene	ND		0.0013	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.025	0.0037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Acetone	**0.074**		0.025	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Benzene	ND		0.0013	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Bromobenzene	ND		0.0013	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Bromochloromethane	ND		0.0025	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Bromodichloromethane	ND		0.0013	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Bromoform	ND		0.0063	0.0017	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Bromomethane	ND		0.025	0.0083	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
cis-1,2-Dichloroethene	ND		0.0013	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
cis-1,3-Dichloropropene	ND		0.0013	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Carbon disulfide	ND		0.013	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Carbon tetrachloride	ND		0.0013	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Chlorobenzene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Chloroethane	ND		0.0025	0.00094	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Chloroform	ND		0.0013	0.00075	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Chloromethane	ND		0.025	0.0019	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Dibromochloromethane	ND		0.0025	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Dibromomethane	ND		0.0013	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Dichlorodifluoromethane	ND		0.0025	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Ethanol	ND		0.32	0.12	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Ethylbenzene	ND		0.0013	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Isopropylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Methylene Chloride	ND		0.013	0.0039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0025	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Naphthalene	ND		0.013	0.0050	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
n-Butylbenzene	ND		0.0013	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
N-Propylbenzene	ND		0.0025	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
o-Xylene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
m,p-Xylene	ND		0.0025	0.00060	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
p-Isopropyltoluene	ND		0.0013	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
sec-Butylbenzene	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Styrene	ND		0.0013	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
trans-1,2-Dichloroethene	ND		0.0013	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
trans-1,3-Dichloropropene	ND		0.0025	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
tert-Butyl alcohol (TBA)	ND		0.025	0.0088	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
tert-Butylbenzene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0013	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Toluene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Trichloroethene	ND		0.0025	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Trichlorofluoromethane	ND		0.013	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Vinyl acetate	ND		0.013	0.0049	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Vinyl chloride	ND		0.0013	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1
Xylenes, Total	ND		0.0025	0.00076	mg/Kg	☼	12/09/24 14:44	12/10/24 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/09/24 14:44*	*12/10/24 00:28*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:28*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/09/24 14:44*	*12/10/24 00:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:28*	*1*

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00092	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1,1-Trichloroethane	ND		0.00092	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0092	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1,2-Trichloroethane	ND		0.00092	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1-Dichloroethane	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1-Dichloroethene	ND		0.00092	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,1-Dichloropropene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2,3-Trichloropropane	ND		0.0018	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2-Dibromo-3-Chloropropane	ND		0.0092	0.0031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2-Dibromoethane	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2-Dichloroethane	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,2-Dichloropropane	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,3-Dichlorobenzene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,3-Dichloropropane	ND		0.00092	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
1,4-Dichlorobenzene	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
2,2-Dichloropropane	ND		0.0046	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
2-Butanone (MEK)	ND		0.018	0.0041	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
2-Chlorotoluene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
2-Hexanone	ND		0.018	0.0028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
4-Chlorotoluene	ND		0.00092	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
4-Methyl-2-pentanone (MIBK)	ND		0.018	0.0027	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Acetone	**0.013**	**J**	0.018	0.0090	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Benzene	ND		0.00092	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Bromobenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Bromochloromethane	ND		0.0018	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Bromodichloromethane	ND		0.00092	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0046	0.0012	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Bromomethane	ND		0.018	0.0060	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
cis-1,2-Dichloroethene	ND		0.00092	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
cis-1,3-Dichloropropene	ND		0.00092	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Carbon disulfide	ND		0.0092	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Carbon tetrachloride	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Chlorobenzene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Chloroethane	ND		0.0018	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Chloroform	ND		0.00092	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Chloromethane	ND		0.018	0.0014	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Dibromomethane	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Dichlorodifluoromethane	ND		0.0018	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Di-isopropyl ether (DIPE)	ND		0.00092	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Ethanol	ND		0.23	0.085	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Ethylbenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.00092	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Isopropylbenzene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Methylene Chloride	ND		0.0092	0.0029	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Naphthalene	ND		0.0092	0.0036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
n-Butylbenzene	ND		0.00092	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
N-Propylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
o-Xylene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
m,p-Xylene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
p-Isopropyltoluene	ND		0.00092	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
sec-Butylbenzene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Styrene	ND		0.00092	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
trans-1,2-Dichloroethene	ND		0.00092	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
trans-1,3-Dichloropropene	ND		0.0018	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Tert-amyl-methyl ether (TAME)	ND		0.00092	0.00018	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0064	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
tert-Butylbenzene	ND		0.00092	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Tetrachloroethene	ND		0.00092	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Toluene	ND		0.00092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Trichloroethene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Trichlorofluoromethane	ND		0.0092	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Vinyl acetate	ND		0.0092	0.0036	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Vinyl chloride	ND		0.00092	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1
Xylenes, Total	ND		0.0018	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 179*	*12/09/24 14:44*	*12/10/24 00:51*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:51*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/09/24 14:44*	*12/10/24 00:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 00:51*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1,1-Trichloroethane	ND		0.049	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1,2,2-Tetrachloroethane	ND		0.098	0.027	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.49	0.023	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1,2-Trichloroethane	ND		0.049	0.023	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1-Dichloroethane	ND		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1-Dichloroethene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,1-Dichloropropene	ND		0.098	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2,3-Trichlorobenzene	ND		0.098	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2,3-Trichloropropane	ND		0.098	0.021	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2,4-Trichlorobenzene	ND		0.098	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2,4-Trimethylbenzene	**0.13**		0.098	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2-Dibromo-3-Chloropropane	ND		0.49	0.16	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2-Dibromoethane	ND		0.049	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2-Dichlorobenzene	ND		0.049	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2-Dichloroethane	ND		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,2-Dichloropropane	ND		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,3,5-Trimethylbenzene	ND		0.098	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,3-Dichlorobenzene	ND		0.049	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,3-Dichloropropane	ND		0.049	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
1,4-Dichlorobenzene	ND		0.049	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
2,2-Dichloropropane	ND		0.25	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
2-Butanone (MEK)	ND		0.98	0.22	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
2-Chlorotoluene	ND		0.049	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
2-Hexanone	ND		0.98	0.15	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
4-Chlorotoluene	ND		0.049	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
4-Methyl-2-pentanone (MIBK)	ND		0.98	0.14	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Acetone	ND		0.98	0.48	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Benzene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Bromobenzene	ND		0.049	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Bromochloromethane	ND		0.098	0.022	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Bromodichloromethane	ND		0.049	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Bromoform	ND		0.25	0.065	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Bromomethane	ND		0.98	0.32	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
cis-1,2-Dichloroethene	ND		0.049	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
cis-1,3-Dichloropropene	ND		0.049	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Carbon disulfide	ND		0.49	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Carbon tetrachloride	ND		0.049	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Chlorobenzene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Chloroethane	ND		0.098	0.037	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Chloroform	ND		0.049	0.029	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Chloromethane	ND		0.98	0.076	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Dibromochloromethane	ND		0.098	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Dibromomethane	ND		0.049	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Dichlorodifluoromethane	ND		0.098	0.022	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Di-isopropyl ether (DIPE)	ND		0.049	0.025	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Ethanol	ND		12	4.5	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Ethylbenzene	**0.16**		0.049	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Ethyl-t-butyl ether (ETBE)	ND		0.049	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	**0.51**		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Methylene Chloride	ND		0.49	0.15	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Methyl-t-Butyl Ether (MTBE)	ND		0.098	0.0092	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Naphthalene	**1.9**		0.49	0.19	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
n-Butylbenzene	**0.66**		0.049	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
N-Propylbenzene	**0.79**		0.098	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
o-Xylene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
m,p-Xylene	ND		0.098	0.023	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
p-Isopropyltoluene	**0.29**		0.049	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
sec-Butylbenzene	**0.84**		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Styrene	ND		0.049	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
trans-1,2-Dichloroethene	ND		0.049	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
trans-1,3-Dichloropropene	ND		0.098	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Tert-amyl-methyl ether (TAME)	ND		0.049	0.0096	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
tert-Butyl alcohol (TBA)	ND		0.98	0.34	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
tert-Butylbenzene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Tetrachloroethene	ND		0.049	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Toluene	ND		0.049	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Trichloroethene	ND		0.098	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Trichlorofluoromethane	ND		0.49	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Vinyl acetate	ND		0.49	0.19	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Vinyl chloride	ND		0.049	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50
Xylenes, Total	ND		0.098	0.030	mg/Kg	☼	12/09/24 14:44	12/10/24 05:17	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*32 - 179*	*12/09/24 14:44*	*12/10/24 05:17*	*50*
4-Bromofluorobenzene (Surr)	*77*	*S1-*	*80 - 120*	*12/09/24 14:44*	*12/10/24 05:17*	*50*
Dibromofluoromethane (Surr)	*89*		*58 - 147*	*12/09/24 14:44*	*12/10/24 05:17*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*	*12/09/24 14:44*	*12/10/24 05:17*	*50*

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.034	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1,1-Trichloroethane	ND		0.034	0.0080	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1,2,2-Tetrachloroethane	ND		0.069	0.019	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.34	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1,2-Trichloroethane	ND		0.034	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1-Dichloroethane	ND		0.034	0.0096	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1-Dichloroethene	ND		0.034	0.0091	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,1-Dichloropropene	ND		0.069	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2,3-Trichlorobenzene	ND		0.069	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2,3-Trichloropropane	ND		0.069	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2,4-Trichlorobenzene	ND		0.069	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2,4-Trimethylbenzene	ND		0.069	0.0096	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2-Dibromo-3-Chloropropane	ND		0.34	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2-Dibromoethane	ND		0.034	0.0071	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2-Dichlorobenzene	ND		0.034	0.0086	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,2-Dichloroethane	ND		0.034	0.0095	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.034	0.0095	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,3,5-Trimethylbenzene	ND		0.069	0.0092	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,3-Dichlorobenzene	ND		0.034	0.0087	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,3-Dichloropropane	ND		0.034	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
1,4-Dichlorobenzene	ND		0.034	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
2,2-Dichloropropane	ND		0.17	0.0093	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
2-Butanone (MEK)	ND		0.69	0.16	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
2-Chlorotoluene	ND		0.034	0.0087	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
2-Hexanone	ND		0.69	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
4-Chlorotoluene	ND		0.034	0.0083	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
4-Methyl-2-pentanone (MIBK)	ND		0.69	0.10	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Acetone	ND		0.69	0.34	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Benzene	ND		0.034	0.0089	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Bromobenzene	ND		0.034	0.0072	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Bromochloromethane	ND		0.069	0.015	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Bromodichloromethane	ND		0.034	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Bromoform	ND		0.17	0.046	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Bromomethane	ND		0.69	0.23	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
cis-1,2-Dichloroethene	ND		0.034	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
cis-1,3-Dichloropropene	ND		0.034	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Carbon disulfide	ND		0.34	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Carbon tetrachloride	ND		0.034	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Chlorobenzene	ND		0.034	0.0092	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Chloroethane	ND		0.069	0.026	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Chloroform	ND		0.034	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Chloromethane	ND		0.69	0.053	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Dibromochloromethane	ND		0.069	0.0094	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Dibromomethane	ND		0.034	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Dichlorodifluoromethane	ND		0.069	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Di-isopropyl ether (DIPE)	ND		0.034	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Ethanol	ND		8.6	3.2	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Ethylbenzene	ND		0.034	0.0071	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Ethyl-t-butyl ether (ETBE)	ND		0.034	0.0081	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Isopropylbenzene	ND		0.034	0.0095	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Methylene Chloride	ND		0.34	0.11	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Methyl-t-Butyl Ether (MTBE)	ND		0.069	0.0065	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Naphthalene	ND		0.34	0.14	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
n-Butylbenzene	ND		0.034	0.0072	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
N-Propylbenzene	ND		0.069	0.0090	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
o-Xylene	ND		0.034	0.0088	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
m,p-Xylene	ND		0.069	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
p-Isopropyltoluene	ND		0.034	0.0097	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
sec-Butylbenzene	ND		0.034	0.0094	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Styrene	ND		0.034	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
trans-1,2-Dichloroethene	ND		0.034	0.010	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
trans-1,3-Dichloropropene	ND		0.069	0.0096	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Tert-amyl-methyl ether (TAME)	ND		0.034	0.0067	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
tert-Butyl alcohol (TBA)	ND		0.69	0.24	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
tert-Butylbenzene	ND		0.034	0.0088	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.034	0.0077	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Toluene	ND		0.034	0.0093	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Trichloroethene	ND		0.069	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Trichlorofluoromethane	ND		0.34	0.0094	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Vinyl acetate	ND		0.34	0.13	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Vinyl chloride	ND		0.034	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50
Xylenes, Total	ND		0.069	0.021	mg/Kg	☼	12/09/24 14:44	12/10/24 11:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*	*12/09/24 14:44*	*12/10/24 11:16*	*50*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*	*12/09/24 14:44*	*12/10/24 11:16*	*50*
Dibromofluoromethane (Surr)	*91*		*58 - 147*	*12/09/24 14:44*	*12/10/24 11:16*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/10/24 11:16*	*50*

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0018	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1,1-Trichloroethane	ND		0.0018	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1,2,2-Tetrachloroethane	ND		0.0035	0.00096	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.018	0.00081	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1,2-Trichloroethane	ND		0.0018	0.00082	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1-Dichloroethane	ND		0.0018	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1-Dichloroethene	ND		0.0018	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,1-Dichloropropene	ND		0.0035	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2,3-Trichlorobenzene	ND		0.0035	0.00066	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2,3-Trichloropropane	ND		0.0035	0.00074	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2,4-Trichlorobenzene	ND		0.0035	0.00072	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2,4-Trimethylbenzene	ND		0.0035	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2-Dibromo-3-Chloropropane	ND		0.018	0.0059	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2-Dibromoethane	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2-Dichlorobenzene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2-Dichloroethane	ND		0.0018	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,2-Dichloropropane	ND		0.0018	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,3,5-Trimethylbenzene	ND		0.0035	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,3-Dichlorobenzene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,3-Dichloropropane	ND		0.0018	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
1,4-Dichlorobenzene	ND		0.0018	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
2,2-Dichloropropane	ND		0.0088	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
2-Butanone (MEK)	ND		0.035	0.0079	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
2-Chlorotoluene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
2-Hexanone	ND		0.035	0.0054	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
4-Chlorotoluene	ND		0.0018	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
4-Methyl-2-pentanone (MIBK)	ND		0.035	0.0051	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Acetone	ND		0.035	0.017	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Benzene	ND		0.0018	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Bromobenzene	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Bromochloromethane	ND		0.0035	0.00078	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Bromodichloromethane	ND		0.0018	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	**0.0089**		0.0088	0.0023	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Bromomethane	ND		0.035	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
cis-1,2-Dichloroethene	ND		0.0018	0.00059	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
cis-1,3-Dichloropropene	ND		0.0018	0.00061	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Carbon disulfide	ND		0.018	0.00070	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Carbon tetrachloride	ND		0.0018	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Chlorobenzene	ND		0.0018	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Chloroethane	ND		0.0035	0.0013	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Chloroform	ND		0.0018	0.0010	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Chloromethane	ND		0.035	0.0027	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Dibromochloromethane	ND		0.0035	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Dibromomethane	ND		0.0018	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Dichlorodifluoromethane	ND		0.0035	0.00080	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Di-isopropyl ether (DIPE)	ND		0.0018	0.00088	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Ethanol	ND		0.44	0.16	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Ethylbenzene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.0018	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Isopropylbenzene	ND		0.0018	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Methylene Chloride	ND		0.018	0.0055	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0035	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Naphthalene	ND		0.018	0.0069	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
n-Butylbenzene	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
N-Propylbenzene	ND		0.0035	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
o-Xylene	ND		0.0018	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
m,p-Xylene	ND		0.0035	0.00083	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
p-Isopropyltoluene	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
sec-Butylbenzene	ND		0.0018	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Styrene	ND		0.0018	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
trans-1,2-Dichloroethene	ND		0.0018	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
trans-1,3-Dichloropropene	ND		0.0035	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Tert-amyl-methyl ether (TAME)	ND		0.0018	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
tert-Butyl alcohol (TBA)	ND		0.035	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
tert-Butylbenzene	ND		0.0018	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Tetrachloroethene	ND		0.0018	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Toluene	ND		0.0018	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Trichloroethene	ND		0.0035	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Trichlorofluoromethane	ND		0.018	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Vinyl acetate	ND		0.018	0.0069	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Vinyl chloride	ND		0.0018	0.00067	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1
Xylenes, Total	ND		0.0035	0.0011	mg/Kg	☼	12/09/24 14:44	12/10/24 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/09/24 14:44*	*12/10/24 01:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:13*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/09/24 14:44*	*12/10/24 01:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:13*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0013	0.00039	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1,1-Trichloroethane	ND		0.0013	0.00031	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1,2,2-Tetrachloroethane	ND		0.0027	0.00073	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.013	0.00062	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1,2-Trichloroethane	ND		0.0013	0.00062	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1-Dichloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1-Dichloroethene	ND		0.0013	0.00035	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,1-Dichloropropene	ND		0.0027	0.00052	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2,3-Trichlorobenzene	ND		0.0027	0.00050	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2,3-Trichloropropane	ND		0.0027	0.00056	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2,4-Trichlorobenzene	ND		0.0027	0.00055	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2,4-Trimethylbenzene	ND		0.0027	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2-Dibromo-3-Chloropropane	ND		0.013	0.0044	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2-Dibromoethane	ND		0.0013	0.00027	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2-Dichlorobenzene	ND		0.0013	0.00033	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2-Dichloroethane	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,2-Dichloropropane	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,3,5-Trimethylbenzene	ND		0.0027	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,3-Dichlorobenzene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,3-Dichloropropane	ND		0.0013	0.00039	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
1,4-Dichlorobenzene	ND		0.0013	0.00041	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
2,2-Dichloropropane	ND		0.0067	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
2-Butanone (MEK)	**0.0077**	**J**	0.027	0.0060	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
2-Chlorotoluene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
2-Hexanone	ND		0.027	0.0041	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
4-Chlorotoluene	ND		0.0013	0.00032	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		0.027	0.0039	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Acetone	**0.064**		0.027	0.013	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Benzene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Bromobenzene	ND		0.0013	0.00028	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Bromochloromethane	ND		0.0027	0.00059	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Bromodichloromethane	ND		0.0013	0.00043	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Bromoform	ND		0.0067	0.0018	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Bromomethane	ND		0.027	0.0088	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
cis-1,2-Dichloroethene	ND		0.0013	0.00045	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
cis-1,3-Dichloropropene	ND		0.0013	0.00046	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Carbon disulfide	ND		0.013	0.00053	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Carbon tetrachloride	ND		0.0013	0.00040	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Chlorobenzene	ND		0.0013	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Chloroethane	ND		0.0027	0.00099	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Chloroform	ND		0.0013	0.00079	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Chloromethane	ND		0.027	0.0020	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Dibromochloromethane	ND		0.0027	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Dibromomethane	ND		0.0013	0.00041	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Dichlorodifluoromethane	ND		0.0027	0.00060	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Di-isopropyl ether (DIPE)	ND		0.0013	0.00067	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Ethanol	ND		0.33	0.12	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Ethylbenzene	ND		0.0013	0.00028	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Ethyl-t-butyl ether (ETBE)	ND		0.0013	0.00031	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Methylene Chloride	ND		0.013	0.0042	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0027	0.00025	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Naphthalene	ND		0.013	0.0052	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
n-Butylbenzene	ND		0.0013	0.00028	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
N-Propylbenzene	ND		0.0027	0.00035	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
o-Xylene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
m,p-Xylene	ND		0.0027	0.00063	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
p-Isopropyltoluene	ND		0.0013	0.00038	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
sec-Butylbenzene	ND		0.0013	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Styrene	ND		0.0013	0.00042	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
trans-1,2-Dichloroethene	ND		0.0013	0.00040	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
trans-1,3-Dichloropropene	ND		0.0027	0.00037	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Tert-amyl-methyl ether (TAME)	ND		0.0013	0.00026	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
tert-Butyl alcohol (TBA)	ND		0.027	0.0093	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
tert-Butylbenzene	ND		0.0013	0.00034	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Tetrachloroethene	ND		0.0013	0.00030	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Toluene	ND		0.0013	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Trichloroethene	ND		0.0027	0.00052	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Trichlorofluoromethane	ND		0.013	0.00036	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Vinyl acetate	ND		0.013	0.0052	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Vinyl chloride	ND		0.0013	0.00050	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1
Xylenes, Total	ND		0.0027	0.00080	mg/Kg	☼	12/09/24 14:44	12/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*32 - 179*	*12/09/24 14:44*	*12/16/24 20:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/09/24 14:44*	*12/16/24 20:08*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/09/24 14:44*	*12/16/24 20:08*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/16/24 20:08*	*1*

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0021	0.00060	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1,1-Trichloroethane	ND		0.0021	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1,2,2-Tetrachloroethane	ND		0.0041	0.0011	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.021	0.00095	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1,2-Trichloroethane	ND		0.0021	0.00096	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1-Dichloroethane	ND		0.0021	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1-Dichloroethene	ND		0.0021	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,1-Dichloropropene	ND		0.0041	0.00080	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2,3-Trichlorobenzene	ND		0.0041	0.00077	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2,3-Trichloropropane	ND		0.0041	0.00086	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2,4-Trichlorobenzene	ND		0.0041	0.00084	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2,4-Trimethylbenzene	ND		0.0041	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2-Dibromo-3-Chloropropane	ND		0.021	0.0069	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2-Dibromoethane	ND		0.0021	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2-Dichlorobenzene	ND		0.0021	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,2-Dichloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0021	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,3,5-Trimethylbenzene	ND		0.0041	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,3-Dichlorobenzene	ND		0.0021	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,3-Dichloropropane	ND		0.0021	0.00061	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
1,4-Dichlorobenzene	ND		0.0021	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
2,2-Dichloropropane	ND		0.010	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
2-Butanone (MEK)	**0.014**	**J**	0.041	0.0093	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
2-Chlorotoluene	ND		0.0021	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
2-Hexanone	ND		0.041	0.0063	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
4-Chlorotoluene	ND		0.0021	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
4-Methyl-2-pentanone (MIBK)	ND		0.041	0.0060	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Acetone	**0.14**		0.041	0.020	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Benzene	ND		0.0021	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Bromobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Bromochloromethane	ND		0.0041	0.00092	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Bromodichloromethane	ND		0.0021	0.00067	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Bromoform	ND		0.010	0.0027	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Bromomethane	ND		0.041	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
cis-1,2-Dichloroethene	ND		0.0021	0.00069	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
cis-1,3-Dichloropropene	ND		0.0021	0.00072	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Carbon disulfide	ND		0.021	0.00082	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Carbon tetrachloride	ND		0.0021	0.00062	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Chlorobenzene	ND		0.0021	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Chloroethane	ND		0.0041	0.0015	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Chloroform	ND		0.0021	0.0012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Chloromethane	ND		0.041	0.0032	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Dibromochloromethane	ND		0.0041	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Dibromomethane	ND		0.0021	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Dichlorodifluoromethane	ND		0.0041	0.00093	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Di-isopropyl ether (DIPE)	ND		0.0021	0.0010	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Ethanol	ND		0.51	0.19	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Ethylbenzene	ND		0.0021	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Ethyl-t-butyl ether (ETBE)	ND		0.0021	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Isopropylbenzene	ND		0.0021	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Methylene Chloride	ND		0.021	0.0064	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0041	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Naphthalene	ND		0.021	0.0081	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
n-Butylbenzene	ND		0.0021	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
N-Propylbenzene	ND		0.0041	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
o-Xylene	ND		0.0021	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
m,p-Xylene	ND		0.0041	0.00097	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
p-Isopropyltoluene	ND		0.0021	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
sec-Butylbenzene	ND		0.0021	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Styrene	ND		0.0021	0.00065	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
trans-1,2-Dichloroethene	ND		0.0021	0.00062	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
trans-1,3-Dichloropropene	ND		0.0041	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Tert-amyl-methyl ether (TAME)	ND		0.0021	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
tert-Butyl alcohol (TBA)	ND		0.041	0.014	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
tert-Butylbenzene	ND		0.0021	0.00052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0021	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Toluene	ND		0.0021	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Trichloroethene	ND		0.0041	0.00080	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Trichlorofluoromethane	ND		0.021	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Vinyl acetate	ND		0.021	0.0081	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Vinyl chloride	ND		0.0021	0.00078	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1
Xylenes, Total	ND		0.0041	0.0012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*	*12/09/24 14:44*	*12/10/24 01:35*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:35*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/09/24 14:44*	*12/10/24 01:35*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:35*	*1*

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0017	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1,1-Trichloroethane	ND		0.0017	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1,2,2-Tetrachloroethane	ND		0.0033	0.00091	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.017	0.00077	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1,2-Trichloroethane	ND		0.0017	0.00077	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1-Dichloroethane	ND		0.0017	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1-Dichloroethene	ND		0.0017	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,1-Dichloropropene	ND		0.0033	0.00065	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2,3-Trichlorobenzene	ND		0.0033	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2,3-Trichloropropane	ND		0.0033	0.00070	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2,4-Trichlorobenzene	ND		0.0033	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2,4-Trimethylbenzene	ND		0.0033	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2-Dibromo-3-Chloropropane	ND		0.017	0.0056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2-Dibromoethane	ND		0.0017	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2-Dichlorobenzene	ND		0.0017	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2-Dichloroethane	ND		0.0017	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,2-Dichloropropane	ND		0.0017	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,3,5-Trimethylbenzene	ND		0.0033	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,3-Dichlorobenzene	ND		0.0017	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,3-Dichloropropane	ND		0.0017	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
1,4-Dichlorobenzene	ND		0.0017	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
2,2-Dichloropropane	ND		0.0083	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
2-Butanone (MEK)	ND		0.033	0.0075	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
2-Chlorotoluene	ND		0.0017	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
2-Hexanone	ND		0.033	0.0051	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
4-Chlorotoluene	ND		0.0017	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
4-Methyl-2-pentanone (MIBK)	ND		0.033	0.0048	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Acetone	**0.021**	**J**	0.033	0.016	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Benzene	**0.00049**	**J**	0.0017	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Bromobenzene	ND		0.0017	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Bromochloromethane	ND		0.0033	0.00074	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Bromodichloromethane	ND		0.0017	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0083	0.0022	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Bromomethane	ND		0.033	0.011	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
cis-1,2-Dichloroethene	ND		0.0017	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
cis-1,3-Dichloropropene	ND		0.0017	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Carbon disulfide	ND		0.017	0.00067	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Carbon tetrachloride	ND		0.0017	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Chlorobenzene	ND		0.0017	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Chloroethane	ND		0.0033	0.0012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Chloroform	ND		0.0017	0.00098	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Chloromethane	ND		0.033	0.0026	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Dibromochloromethane	ND		0.0033	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Dibromomethane	ND		0.0017	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Dichlorodifluoromethane	ND		0.0033	0.00076	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Di-isopropyl ether (DIPE)	ND		0.0017	0.00083	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Ethanol	ND		0.42	0.15	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Ethylbenzene	ND		0.0017	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Ethyl-t-butyl ether (ETBE)	ND		0.0017	0.00039	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Isopropylbenzene	ND		0.0017	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Methylene Chloride	ND		0.017	0.0052	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0033	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Naphthalene	ND		0.017	0.0065	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
n-Butylbenzene	ND		0.0017	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
N-Propylbenzene	ND		0.0033	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
o-Xylene	ND		0.0017	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
m,p-Xylene	ND		0.0033	0.00079	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
p-Isopropyltoluene	ND		0.0017	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
sec-Butylbenzene	ND		0.0017	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Styrene	ND		0.0017	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
trans-1,2-Dichloroethene	ND		0.0017	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
trans-1,3-Dichloropropene	ND		0.0033	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Tert-amyl-methyl ether (TAME)	ND		0.0017	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
tert-Butyl alcohol (TBA)	ND		0.033	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
tert-Butylbenzene	ND		0.0017	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Tetrachloroethene	ND		0.0017	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Toluene	ND		0.0017	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Trichloroethene	ND		0.0033	0.00064	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Trichlorofluoromethane	ND		0.017	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Vinyl acetate	ND		0.017	0.0065	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Vinyl chloride	ND		0.0017	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1
Xylenes, Total	ND		0.0033	0.0010	mg/Kg	☼	12/09/24 14:44	12/10/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*32 - 179*	*12/09/24 14:44*	*12/10/24 01:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:57*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*	*12/09/24 14:44*	*12/10/24 01:57*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 01:57*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0018	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1,1-Trichloroethane	ND		0.0018	0.00042	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1,2,2-Tetrachloroethane	ND		0.0036	0.00098	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.018	0.00084	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1,2-Trichloroethane	ND		0.0018	0.00084	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1-Dichloroethane	ND		0.0018	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1-Dichloroethene	ND		0.0018	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,1-Dichloropropene	ND		0.0036	0.00070	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2,3-Trichlorobenzene	ND		0.0036	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2,3-Trichloropropane	ND		0.0036	0.00076	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2,4-Trichlorobenzene	ND		0.0036	0.00074	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2,4-Trimethylbenzene	ND		0.0036	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2-Dibromo-3-Chloropropane	ND		0.018	0.0060	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2-Dibromoethane	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2-Dichlorobenzene	ND		0.0018	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2-Dichloroethane	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,2-Dichloropropane	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,3,5-Trimethylbenzene	ND		0.0036	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,3-Dichlorobenzene	ND		0.0018	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,3-Dichloropropane	ND		0.0018	0.00053	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
1,4-Dichlorobenzene	ND		0.0018	0.00056	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
2,2-Dichloropropane	ND		0.0090	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
2-Butanone (MEK)	ND		0.036	0.0082	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
2-Chlorotoluene	ND		0.0018	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
2-Hexanone	ND		0.036	0.0056	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
4-Chlorotoluene	ND		0.0018	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.036	0.0053	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Acetone	**0.024**	**J**	0.036	0.018	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Benzene	**0.00084**	**J**	0.0018	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Bromobenzene	ND		0.0018	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Bromochloromethane	ND		0.0036	0.00080	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Bromodichloromethane	ND		0.0018	0.00059	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Bromoform	ND		0.0090	0.0024	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Bromomethane	ND		0.036	0.012	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
cis-1,2-Dichloroethene	ND		0.0018	0.00061	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
cis-1,3-Dichloropropene	ND		0.0018	0.00063	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Carbon disulfide	ND		0.018	0.00072	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Carbon tetrachloride	ND		0.0018	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Chlorobenzene	ND		0.0018	0.00048	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Chloroethane	ND		0.0036	0.0013	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Chloroform	ND		0.0018	0.0011	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Chloromethane	ND		0.036	0.0028	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Dibromochloromethane	ND		0.0036	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Dibromomethane	ND		0.0018	0.00055	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Dichlorodifluoromethane	ND		0.0036	0.00082	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Di-isopropyl ether (DIPE)	ND		0.0018	0.00090	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Ethanol	ND		0.45	0.17	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Ethylbenzene	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Ethyl-t-butyl ether (ETBE)	ND		0.0018	0.00043	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Methylene Chloride	ND		0.018	0.0057	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0036	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Naphthalene	ND		0.018	0.0071	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
n-Butylbenzene	ND		0.0018	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
N-Propylbenzene	ND		0.0036	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
o-Xylene	ND		0.0018	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
m,p-Xylene	ND		0.0036	0.00086	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
p-Isopropyltoluene	ND		0.0018	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
sec-Butylbenzene	ND		0.0018	0.00050	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Styrene	ND		0.0018	0.00057	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
trans-1,2-Dichloroethene	ND		0.0018	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
trans-1,3-Dichloropropene	ND		0.0036	0.00051	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Tert-amyl-methyl ether (TAME)	ND		0.0018	0.00035	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
tert-Butyl alcohol (TBA)	ND		0.036	0.013	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
tert-Butylbenzene	ND		0.0018	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Tetrachloroethene	ND		0.0018	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Toluene	**0.00075**	**J**	0.0018	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Trichloroethene	ND		0.0036	0.00070	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Trichlorofluoromethane	ND		0.018	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Vinyl acetate	ND		0.018	0.0071	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Vinyl chloride	ND		0.0018	0.00068	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1
Xylenes, Total	ND		0.0036	0.0011	mg/Kg	☼	12/09/24 14:44	12/10/24 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*32 - 179*	*12/09/24 14:44*	*12/10/24 02:19*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*12/09/24 14:44*	*12/10/24 02:19*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*	*12/09/24 14:44*	*12/10/24 02:19*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 02:19*	*1*

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00099	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1,1-Trichloroethane	ND		0.00099	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0099	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1,2-Trichloroethane	ND		0.00099	0.00046	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1-Dichloroethane	ND		0.00099	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1-Dichloroethene	ND		0.00099	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,1-Dichloropropene	ND		0.0020	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2,3-Trichloropropane	ND		0.0020	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2-Dibromo-3-Chloropropane	ND		0.0099	0.0033	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2-Dibromoethane	ND		0.00099	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,2-Dichloroethane	ND		0.00099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.00099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,3-Dichlorobenzene	ND		0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,3-Dichloropropane	ND		0.00099	0.00029	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
1,4-Dichlorobenzene	ND		0.00099	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
2,2-Dichloropropane	ND		0.0049	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
2-Chlorotoluene	ND		0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
2-Hexanone	ND		0.020	0.0030	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
4-Chlorotoluene	ND		0.00099	0.00024	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Acetone	**0.023**		0.020	0.0097	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Benzene	**0.00067**	**J**	0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Bromobenzene	ND		0.00099	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Bromodichloromethane	ND		0.00099	0.00032	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Bromoform	ND		0.0049	0.0013	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Bromomethane	ND		0.020	0.0065	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
cis-1,2-Dichloroethene	ND		0.00099	0.00033	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
cis-1,3-Dichloropropene	ND		0.00099	0.00034	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Carbon disulfide	ND		0.0099	0.00040	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Carbon tetrachloride	ND		0.00099	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Chlorobenzene	ND		0.00099	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Chloroethane	ND		0.0020	0.00073	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Chloroform	ND		0.00099	0.00058	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Dibromomethane	ND		0.00099	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Di-isopropyl ether (DIPE)	ND		0.00099	0.00049	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Ethanol	ND		0.25	0.091	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Ethylbenzene	**0.00021**	**J**	0.00099	0.00020	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Ethyl-t-butyl ether (ETBE)	ND		0.00099	0.00023	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Isopropylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Methylene Chloride	ND		0.0099	0.0031	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Naphthalene	ND		0.0099	0.0039	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
n-Butylbenzene	ND		0.00099	0.00021	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
o-Xylene	ND		0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
p-Isopropyltoluene	ND		0.00099	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
sec-Butylbenzene	ND		0.00099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Styrene	ND		0.00099	0.00031	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
trans-1,2-Dichloroethene	ND		0.00099	0.00030	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Tert-amyl-methyl ether (TAME)	ND		0.00099	0.00019	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0069	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
tert-Butylbenzene	ND		0.00099	0.00025	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.00099	0.00022	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Toluene	**0.00061**	**J**	0.00099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Trichloroethene	ND		0.0020	0.00038	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Trichlorofluoromethane	ND		0.0099	0.00027	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Vinyl acetate	ND		0.0099	0.0039	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Vinyl chloride	ND		0.00099	0.00037	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1
Xylenes, Total	ND		0.0020	0.00059	mg/Kg	☼	12/09/24 14:44	12/10/24 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*32 - 179*	*12/09/24 14:44*	*12/10/24 02:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 02:41*	*1*
Dibromofluoromethane (Surr)	*100*		*58 - 147*	*12/09/24 14:44*	*12/10/24 02:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:44*	*12/10/24 02:41*	*1*

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00055	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00047	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1,2-Trichloroethane	ND		0.0010	0.00047	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
2-Hexanone	ND		0.020	0.0031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Acetone	**0.073**		0.020	0.0099	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Benzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Bromochloromethane	ND		0.0020	0.00045	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.0050	0.0013	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Bromomethane	ND		0.020	0.0066	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Chloroethane	ND		0.0020	0.00075	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Chloroform	ND		0.0010	0.00059	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Chloromethane	ND		0.020	0.0015	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Dichlorodifluoromethane	ND		0.0020	0.00046	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Ethanol	ND		0.25	0.093	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
m,p-Xylene	ND		0.0020	0.00048	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Styrene	ND		0.0010	0.00032	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Toluene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg	☼	12/09/24 14:47	12/10/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*32 - 179*	*12/09/24 14:47*	*12/10/24 03:04*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:04*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/09/24 14:47*	*12/10/24 03:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:04*	*1*

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00091	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1,1-Trichloroethane	ND		0.00091	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00049	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0091	0.00042	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1,2-Trichloroethane	ND		0.00091	0.00042	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1-Dichloroethane	ND		0.00091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1-Dichloroethene	ND		0.00091	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,1-Dichloropropene	ND		0.0018	0.00035	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00034	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2,3-Trichloropropane	ND		0.0018	0.00038	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2-Dibromo-3-Chloropropane	ND		0.0091	0.0030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2-Dibromoethane	ND		0.00091	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2-Dichlorobenzene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2-Dichloroethane	ND		0.00091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,2-Dichloropropane	ND		0.00091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,3-Dichlorobenzene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,3-Dichloropropane	ND		0.00091	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
1,4-Dichlorobenzene	ND		0.00091	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
2,2-Dichloropropane	ND		0.0045	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
2-Butanone (MEK)	ND		0.018	0.0041	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
2-Chlorotoluene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
2-Hexanone	ND		0.018	0.0028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
4-Chlorotoluene	ND		0.00091	0.00022	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
4-Methyl-2-pentanone (MIBK)	ND		0.018	0.0026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Acetone	**0.048**		0.018	0.0089	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Benzene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Bromobenzene	ND		0.00091	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Bromochloromethane	ND		0.0018	0.00040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Bromodichloromethane	ND		0.00091	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Bromoform	ND		0.0045	0.0012	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Bromomethane	ND		0.018	0.0060	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
cis-1,2-Dichloroethene	ND		0.00091	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
cis-1,3-Dichloropropene	ND		0.00091	0.00032	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Carbon disulfide	ND		0.0091	0.00036	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Carbon tetrachloride	ND		0.00091	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Chlorobenzene	ND		0.00091	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Chloroethane	ND		0.0018	0.00067	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Chloroform	ND		0.00091	0.00053	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Chloromethane	ND		0.018	0.0014	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Dibromochloromethane	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Dibromomethane	ND		0.00091	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Dichlorodifluoromethane	ND		0.0018	0.00041	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Di-isopropyl ether (DIPE)	ND		0.00091	0.00045	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Ethanol	ND		0.23	0.083	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Ethylbenzene	ND		0.00091	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Ethyl-t-butyl ether (ETBE)	ND		0.00091	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Methylene Chloride	ND		0.0091	0.0028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00017	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Naphthalene	ND		0.0091	0.0036	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
n-Butylbenzene	ND		0.00091	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
N-Propylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
o-Xylene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
m,p-Xylene	ND		0.0018	0.00043	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
p-Isopropyltoluene	ND		0.00091	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
sec-Butylbenzene	ND		0.00091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Styrene	ND		0.00091	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
trans-1,2-Dichloroethene	ND		0.00091	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
trans-1,3-Dichloropropene	ND		0.0018	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Tert-amyl-methyl ether (TAME)	ND		0.00091	0.00018	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0063	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
tert-Butylbenzene	ND		0.00091	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Tetrachloroethene	ND		0.00091	0.00020	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Toluene	ND		0.00091	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Trichloroethene	ND		0.0018	0.00035	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Trichlorofluoromethane	ND		0.0091	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Vinyl acetate	ND		0.0091	0.0035	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Vinyl chloride	ND		0.00091	0.00034	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1
Xylenes, Total	ND		0.0018	0.00054	mg/Kg	☼	12/09/24 14:47	12/10/24 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*32 - 179*	*12/09/24 14:47*	*12/10/24 03:26*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:26*	*1*
Dibromofluoromethane (Surr)	*102*		*58 - 147*	*12/09/24 14:47*	*12/10/24 03:26*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:26*	*1*

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00056	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1,2-Trichloroethane	ND		0.0010	0.00048	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,1-Dichloropropene	ND		0.0021	0.00040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2,3-Trichloropropane	ND		0.0021	0.00043	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00042	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0034	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Acetone	**0.018**	**J**	0.021	0.010	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Bromochloromethane	ND		0.0021	0.00046	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Bromomethane	ND		0.021	0.0068	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Carbon disulfide	ND		0.010	0.00041	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Chloroethane	ND		0.0021	0.00077	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Chloroform	ND		0.0010	0.00061	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Dibromochloromethane	ND		0.0021	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Ethanol	ND		0.26	0.095	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Methylene Chloride	ND		0.010	0.0032	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00019	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Naphthalene	ND		0.010	0.0040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
o-Xylene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
m,p-Xylene	ND		0.0021	0.00049	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
p-Isopropyltoluene	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
sec-Butylbenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0072	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
tert-Butylbenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Trichlorofluoromethane	ND		0.010	0.00028	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Vinyl acetate	ND		0.010	0.0040	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Vinyl chloride	ND		0.0010	0.00039	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1
Xylenes, Total	ND		0.0021	0.00062	mg/Kg	☼	12/09/24 14:47	12/10/24 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*32 - 179*	*12/09/24 14:47*	*12/10/24 03:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:48*	*1*
Dibromofluoromethane (Surr)	*103*		*58 - 147*	*12/09/24 14:47*	*12/10/24 03:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*12/09/24 14:47*	*12/10/24 03:48*	*1*

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.048	0.014	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1,1-Trichloroethane	ND		0.048	0.011	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1,2,2-Tetrachloroethane	ND		0.095	0.026	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.48	0.022	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1,2-Trichloroethane	ND		0.048	0.022	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1-Dichloroethane	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1-Dichloroethene	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,1-Dichloropropene	ND		0.095	0.019	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2,3-Trichlorobenzene	ND		0.095	0.018	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2,3-Trichloropropane	ND		0.095	0.020	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2,4-Trichlorobenzene	ND		0.095	0.020	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2,4-Trimethylbenzene	**0.062**	**J**	0.095	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2-Dibromo-3-Chloropropane	ND		0.48	0.16	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2-Dibromoethane	ND		0.048	0.0098	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2-Dichlorobenzene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2-Dichloroethane	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,2-Dichloropropane	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,3,5-Trimethylbenzene	ND		0.095	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,3-Dichlorobenzene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,3-Dichloropropane	ND		0.048	0.014	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
1,4-Dichlorobenzene	ND		0.048	0.015	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
2,2-Dichloropropane	ND		0.24	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
2-Butanone (MEK)	ND		0.95	0.22	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
2-Chlorotoluene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
2-Hexanone	ND		0.95	0.15	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
4-Chlorotoluene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
4-Methyl-2-pentanone (MIBK)	ND		0.95	0.14	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Acetone	ND		0.95	0.47	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Benzene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Bromobenzene	ND		0.048	0.0099	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Bromochloromethane	ND		0.095	0.021	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Bromodichloromethane	ND		0.048	0.016	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		0.24	0.063	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Bromomethane	ND		0.95	0.31	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
cis-1,2-Dichloroethene	ND		0.048	0.016	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
cis-1,3-Dichloropropene	ND		0.048	0.017	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Carbon disulfide	ND		0.48	0.019	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Carbon tetrachloride	ND		0.048	0.014	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Chlorobenzene	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Chloroethane	ND		0.095	0.035	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Chloroform	ND		0.048	0.028	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Chloromethane	ND		0.95	0.073	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Dibromochloromethane	ND		0.095	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Dibromomethane	ND		0.048	0.015	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Dichlorodifluoromethane	ND		0.095	0.022	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Di-isopropyl ether (DIPE)	ND		0.048	0.024	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Ethanol	ND		12	4.4	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Ethylbenzene	**0.63**		0.048	0.0098	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Ethyl-t-butyl ether (ETBE)	ND		0.048	0.011	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Isopropylbenzene	**0.52**		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Methylene Chloride	ND		0.48	0.15	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Methyl-t-Butyl Ether (MTBE)	ND		0.095	0.0090	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Naphthalene	**2.0**		0.48	0.19	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
n-Butylbenzene	**0.72**		0.048	0.010	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
N-Propylbenzene	**0.80**		0.095	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
o-Xylene	**0.024**	**J**	0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
m,p-Xylene	ND		0.095	0.023	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
p-Isopropyltoluene	**0.12**		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
sec-Butylbenzene	**0.74**		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Styrene	ND		0.048	0.015	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
trans-1,2-Dichloroethene	ND		0.048	0.014	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
trans-1,3-Dichloropropene	ND		0.095	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Tert-amyl-methyl ether (TAME)	ND		0.048	0.0093	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
tert-Butyl alcohol (TBA)	ND		0.95	0.33	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
tert-Butylbenzene	ND		0.048	0.012	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Tetrachloroethene	ND		0.048	0.011	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Toluene	ND		0.048	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Trichloroethene	ND		0.095	0.018	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Trichlorofluoromethane	ND		0.48	0.013	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Vinyl acetate	ND		0.48	0.19	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Vinyl chloride	ND		0.048	0.018	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50
Xylenes, Total	ND		0.095	0.029	mg/Kg	☼	12/09/24 14:47	12/10/24 06:01	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*32 - 179*	*12/09/24 14:47*	*12/10/24 06:01*	*50*
4-Bromofluorobenzene (Surr)	*81*		*80 - 120*	*12/09/24 14:47*	*12/10/24 06:01*	*50*
Dibromofluoromethane (Surr)	*90*		*58 - 147*	*12/09/24 14:47*	*12/10/24 06:01*	*50*
Toluene-d8 (Surr)	*104*		*80 - 120*	*12/09/24 14:47*	*12/10/24 06:01*	*50*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.00088	0.00025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1,1-Trichloroethane	ND		0.00088	0.00020	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1,2,2-Tetrachloroethane	ND		0.0018	0.00048	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0088	0.00040	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1,2-Trichloroethane	ND		0.00088	0.00041	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1-Dichloroethane	ND		0.00088	0.00025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1-Dichloroethene	ND		0.00088	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,1-Dichloropropene	ND		0.0018	0.00034	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2,3-Trichlorobenzene	ND		0.0018	0.00033	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2,3-Trichloropropane	ND		0.0018	0.00037	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2,4-Trichlorobenzene	ND		0.0018	0.00036	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2,4-Trimethylbenzene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2-Dibromo-3-Chloropropane	ND		0.0088	0.0029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2-Dibromoethane	ND		0.00088	0.00018	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2-Dichloroethane	ND		0.00088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,2-Dichloropropane	ND		0.00088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,3,5-Trimethylbenzene	ND		0.0018	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,3-Dichlorobenzene	ND		0.00088	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,3-Dichloropropane	ND		0.00088	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
1,4-Dichlorobenzene	ND		0.00088	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
2,2-Dichloropropane	ND		0.0044	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
2-Butanone (MEK)	ND		0.018	0.0039	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
2-Chlorotoluene	ND		0.00088	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
2-Hexanone	ND		0.018	0.0027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
4-Chlorotoluene	ND		0.00088	0.00021	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.018	0.0025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Acetone	**0.033**		0.018	0.0086	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Benzene	ND		0.00088	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Bromobenzene	ND		0.00088	0.00018	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Bromochloromethane	ND		0.0018	0.00039	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Bromodichloromethane	ND		0.00088	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Bromoform	ND		0.0044	0.0012	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Bromomethane	ND		0.018	0.0058	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
cis-1,2-Dichloroethene	ND		0.00088	0.00030	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
cis-1,3-Dichloropropene	ND		0.00088	0.00031	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Carbon disulfide	ND		0.0088	0.00035	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Carbon tetrachloride	ND		0.00088	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Chlorobenzene	ND		0.00088	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Chloroethane	ND		0.0018	0.00065	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Chloroform	ND		0.00088	0.00052	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Chloromethane	ND		0.018	0.0013	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Dibromochloromethane	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Dibromomethane	ND		0.00088	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Dichlorodifluoromethane	ND		0.0018	0.00040	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Di-isopropyl ether (DIPE)	ND		0.00088	0.00044	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Ethanol	ND		0.22	0.081	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Ethylbenzene	ND		0.00088	0.00018	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.00088	0.00021	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.00088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Methylene Chloride	ND		0.0088	0.0027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0018	0.00016	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Naphthalene	ND		0.0088	0.0034	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
n-Butylbenzene	ND		0.00088	0.00018	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
N-Propylbenzene	ND		0.0018	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
o-Xylene	ND		0.00088	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
m,p-Xylene	ND		0.0018	0.00041	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
p-Isopropyltoluene	ND		0.00088	0.00025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
sec-Butylbenzene	ND		0.00088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Styrene	ND		0.00088	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
trans-1,2-Dichloroethene	ND		0.00088	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
trans-1,3-Dichloropropene	ND		0.0018	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Tert-amyl-methyl ether (TAME)	ND		0.00088	0.00017	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
tert-Butyl alcohol (TBA)	ND		0.018	0.0061	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
tert-Butylbenzene	ND		0.00088	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Tetrachloroethene	ND		0.00088	0.00020	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Toluene	ND		0.00088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Trichloroethene	**0.0032**		0.0018	0.00034	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Trichlorofluoromethane	ND		0.0088	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Vinyl acetate	ND		0.0088	0.0034	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Vinyl chloride	ND		0.00088	0.00033	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1
Xylenes, Total	ND		0.0018	0.00053	mg/Kg	☼	12/09/24 14:48	12/10/24 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*32 - 179*	*12/09/24 14:48*	*12/10/24 04:10*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*12/09/24 14:48*	*12/10/24 04:10*	*1*
Dibromofluoromethane (Surr)	*101*		*58 - 147*	*12/09/24 14:48*	*12/10/24 04:10*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*12/09/24 14:48*	*12/10/24 04:10*	*1*

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1,1-Trichloroethane	ND		0.0010	0.00024	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1,2,2-Tetrachloroethane	ND		0.0021	0.00057	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00048	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1,2-Trichloroethane	ND		0.0010	0.00049	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1-Dichloroethene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,1-Dichloropropene	ND		0.0021	0.00041	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2,3-Trichlorobenzene	ND		0.0021	0.00039	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2,3-Trichloropropane	ND		0.0021	0.00044	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2,4-Trichlorobenzene	ND		0.0021	0.00043	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2,4-Trimethylbenzene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0035	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2-Dibromoethane	ND		0.0010	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,2-Dichloroethane	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,3,5-Trimethylbenzene	ND		0.0021	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,3-Dichlorobenzene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,3-Dichloropropane	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
1,4-Dichlorobenzene	ND		0.0010	0.00032	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
2,2-Dichloropropane	ND		0.0052	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
2-Butanone (MEK)	ND		0.021	0.0047	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
2-Chlorotoluene	ND		0.0010	0.00026	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
2-Hexanone	ND		0.021	0.0032	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
4-Chlorotoluene	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
4-Methyl-2-pentanone (MIBK)	ND		0.021	0.0030	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Acetone	**0.030**		0.021	0.010	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Benzene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Bromobenzene	ND		0.0010	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Bromochloromethane	ND		0.0021	0.00047	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Bromodichloromethane	ND		0.0010	0.00034	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Bromoform	ND		0.0052	0.0014	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Bromomethane	ND		0.021	0.0069	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
cis-1,2-Dichloroethene	ND		0.0010	0.00035	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
cis-1,3-Dichloropropene	ND		0.0010	0.00036	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Carbon disulfide	ND		0.010	0.00042	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Carbon tetrachloride	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Chlorobenzene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Chloroethane	ND		0.0021	0.00078	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Chloroform	ND		0.0010	0.00062	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Chloromethane	ND		0.021	0.0016	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Dibromochloromethane	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Dibromomethane	ND		0.0010	0.00032	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Dichlorodifluoromethane	ND		0.0021	0.00047	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00052	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Ethanol	ND		0.26	0.096	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Ethylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00025	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Isopropylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Methylene Chloride	ND		0.010	0.0033	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0021	0.00020	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Naphthalene	ND		0.010	0.0041	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
n-Butylbenzene	ND		0.0010	0.00022	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
N-Propylbenzene	ND		0.0021	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
o-Xylene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
m,p-Xylene	ND		0.0021	0.00050	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
p-Isopropyltoluene	ND		0.0010	0.00030	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
sec-Butylbenzene	ND		0.0010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Styrene	ND		0.0010	0.00033	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
trans-1,2-Dichloroethene	ND		0.0010	0.00031	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
trans-1,3-Dichloropropene	ND		0.0021	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00020	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
tert-Butyl alcohol (TBA)	ND		0.021	0.0073	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
tert-Butylbenzene	ND		0.0010	0.00027	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00023	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Toluene	ND		0.0010	0.00028	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Trichloroethene	ND		0.0021	0.00040	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Trichlorofluoromethane	ND		0.010	0.00029	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Vinyl acetate	ND		0.010	0.0041	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Vinyl chloride	ND		0.0010	0.00040	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1
Xylenes, Total	ND		0.0021	0.00063	mg/Kg	☼	12/09/24 14:48	12/10/24 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*32 - 179*	*12/09/24 14:48*	*12/10/24 04:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/09/24 14:48*	*12/10/24 04:32*	*1*
Dibromofluoromethane (Surr)	*93*		*58 - 147*	*12/09/24 14:48*	*12/10/24 04:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*12/09/24 14:48*	*12/10/24 04:32*	*1*

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/09/24 13:58	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/09/24 13:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/09/24 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/09/24 13:58	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/09/24 13:58	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/09/24 13:58	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 13:58	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/09/24 13:58	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/09/24 13:58	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/09/24 13:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/09/24 13:58	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/09/24 13:58	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/09/24 13:58	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/09/24 13:58	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:58	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/09/24 13:58	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/09/24 13:58	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/09/24 13:58	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:58	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/09/24 13:58	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/09/24 13:58	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/09/24 13:58	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/09/24 13:58	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/09/24 13:58	1
2-Hexanone	ND		10	2.7	ug/L			12/09/24 13:58	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/09/24 13:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/09/24 13:58	1
Acetone	ND		10	7.4	ug/L			12/09/24 13:58	1
Benzene	ND		0.50	0.24	ug/L			12/09/24 13:58	1
Bromobenzene	ND		1.0	0.29	ug/L			12/09/24 13:58	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/09/24 13:58	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/09/24 13:58	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	1.9	ug/L			12/09/24 13:58	1
Bromomethane	ND		25	7.4	ug/L			12/09/24 13:58	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/09/24 13:58	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/09/24 13:58	1
Carbon disulfide	ND		10	0.42	ug/L			12/09/24 13:58	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/09/24 13:58	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:58	1
Chloroethane	ND		5.0	1.9	ug/L			12/09/24 13:58	1
Chloroform	ND		1.0	0.32	ug/L			12/09/24 13:58	1
Chloromethane	ND		10	2.2	ug/L			12/09/24 13:58	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/09/24 13:58	1
Dibromomethane	ND		1.0	0.33	ug/L			12/09/24 13:58	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/09/24 13:58	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/09/24 13:58	1
Ethanol	ND		100	52	ug/L			12/09/24 13:58	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/09/24 13:58	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/09/24 13:58	1
Methylene Chloride	ND		10	3.0	ug/L			12/09/24 13:58	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/09/24 13:58	1
Naphthalene	ND		10	4.9	ug/L			12/09/24 13:58	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/09/24 13:58	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/09/24 13:58	1
o-Xylene	ND		1.0	0.27	ug/L			12/09/24 13:58	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/09/24 13:58	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/09/24 13:58	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/09/24 13:58	1
Styrene	ND		1.0	0.38	ug/L			12/09/24 13:58	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 13:58	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/09/24 13:58	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/09/24 13:58	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/09/24 13:58	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/09/24 13:58	1
Toluene	ND		1.0	0.30	ug/L			12/09/24 13:58	1
Trichloroethene	ND		1.0	0.39	ug/L			12/09/24 13:58	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/09/24 13:58	1
Vinyl acetate	ND		10	5.0	ug/L			12/09/24 13:58	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/09/24 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*12/09/24 13:58*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*12/09/24 13:58*	*1*
Dibromofluoromethane (Surr)	*96*		*78 - 120*		*12/09/24 13:58*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/09/24 13:58*	*1*

Client Sample ID: TB-20241206
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/09/24 13:35	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/09/24 13:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-20241206
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/09/24 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/09/24 13:35	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/09/24 13:35	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/09/24 13:35	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 13:35	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/09/24 13:35	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/09/24 13:35	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/09/24 13:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/09/24 13:35	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/09/24 13:35	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/09/24 13:35	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/09/24 13:35	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:35	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/09/24 13:35	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/09/24 13:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/09/24 13:35	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:35	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/09/24 13:35	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/09/24 13:35	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/09/24 13:35	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/09/24 13:35	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/09/24 13:35	1
2-Hexanone	ND		10	2.7	ug/L			12/09/24 13:35	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/09/24 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/09/24 13:35	1
Acetone	ND		10	7.4	ug/L			12/09/24 13:35	1
Benzene	ND		0.50	0.24	ug/L			12/09/24 13:35	1
Bromobenzene	ND		1.0	0.29	ug/L			12/09/24 13:35	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/09/24 13:35	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/09/24 13:35	1
Bromoform	ND		5.0	1.9	ug/L			12/09/24 13:35	1
Bromomethane	ND		25	7.4	ug/L			12/09/24 13:35	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/09/24 13:35	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/09/24 13:35	1
Carbon disulfide	ND		10	0.42	ug/L			12/09/24 13:35	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/09/24 13:35	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/09/24 13:35	1
Chloroethane	ND		5.0	1.9	ug/L			12/09/24 13:35	1
Chloroform	ND		1.0	0.32	ug/L			12/09/24 13:35	1
Chloromethane	ND		10	2.2	ug/L			12/09/24 13:35	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/09/24 13:35	1
Dibromomethane	ND		1.0	0.33	ug/L			12/09/24 13:35	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/09/24 13:35	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/09/24 13:35	1
Ethanol	ND		100	52	ug/L			12/09/24 13:35	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/09/24 13:35	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/09/24 13:35	1
Methylene Chloride	ND		10	3.0	ug/L			12/09/24 13:35	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/09/24 13:35	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-20241206
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	4.9	ug/L			12/09/24 13:35	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/09/24 13:35	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/09/24 13:35	1
o-Xylene	ND		1.0	0.27	ug/L			12/09/24 13:35	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/09/24 13:35	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/09/24 13:35	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/09/24 13:35	1
Styrene	ND		1.0	0.38	ug/L			12/09/24 13:35	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 13:35	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/09/24 13:35	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/09/24 13:35	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/09/24 13:35	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/09/24 13:35	1
Toluene	ND		1.0	0.30	ug/L			12/09/24 13:35	1
Trichloroethene	ND		1.0	0.39	ug/L			12/09/24 13:35	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/09/24 13:35	1
Vinyl acetate	ND		10	5.0	ug/L			12/09/24 13:35	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/09/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*12/09/24 13:35*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*12/09/24 13:35*	*1*
Dibromofluoromethane (Surr)	*97*		*78 - 120*		*12/09/24 13:35*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/09/24 13:35*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) - RA

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/10/24 11:39	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/10/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*12/10/24 11:39*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/10/24 11:39*	*1*
Dibromofluoromethane (Surr)	*95*		*78 - 120*		*12/10/24 11:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/10/24 11:39*	*1*

Client Sample ID: TB-20241206
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-29
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/10/24 11:15	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/10/24 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 123*		*12/10/24 11:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/10/24 11:15*	*1*
Dibromofluoromethane (Surr)	*96*		*78 - 120*		*12/10/24 11:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/10/24 11:15*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.025	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Acenaphthene	ND		0.025	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Benzo[k]fluoranthene	ND		0.025	0.022	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Benzo[a]anthracene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Benzo[b]fluoranthene	ND		0.025	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Chrysene	ND		0.025	0.0082	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Dibenz(a,h)anthracene	ND		0.025	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Fluoranthene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Phenanthrene	ND		0.025	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*22 - 130*	*12/09/24 18:18*	*12/11/24 12:56*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*12/09/24 18:18*	*12/11/24 12:56*	*1*
p-Terphenyl-d14 (Surr)	*72*		*33 - 147*	*12/09/24 18:18*	*12/11/24 12:56*	*1*

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Acenaphthene	ND		0.022	0.015	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Anthracene	ND		0.022	0.0099	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Benzo[a]anthracene	ND		0.022	0.0090	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Benzo[a]pyrene	ND		0.022	0.0091	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Benzo[b]fluoranthene	ND		0.022	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Chrysene	ND		0.022	0.0073	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Fluoranthene	ND		0.022	0.0090	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Naphthalene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Phenanthrene	ND		0.022	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1
Pyrene	ND		0.022	0.0097	mg/Kg	☼	12/09/24 18:18	12/11/24 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*94*		*22 - 130*	*12/09/24 18:18*	*12/11/24 13:17*	*1*
Nitrobenzene-d5 (Surr)	*99*		*20 - 145*	*12/09/24 18:18*	*12/11/24 13:17*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-2
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*85*		*33 - 147*	*12/09/24 18:18*	*12/11/24 13:17*	*1*

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
2-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Acenaphthene	ND		0.026	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Acenaphthylene	ND		0.026	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Anthracene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Benzo[g,h,i]perylene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Benzo[k]fluoranthene	ND		0.026	0.022	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Benzo[a]anthracene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Benzo[a]pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Benzo[b]fluoranthene	ND		0.026	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Chrysene	ND		0.026	0.0085	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Dibenz(a,h)anthracene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Fluoranthene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Fluorene	ND		0.026	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Indeno[1,2,3-cd]pyrene	ND		0.026	0.016	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Naphthalene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Phenanthrene	ND		0.026	0.020	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1
Pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*12/09/24 18:18*	*12/11/24 12:35*	*1*
Nitrobenzene-d5 (Surr)	*90*		*20 - 145*	*12/09/24 18:18*	*12/11/24 12:35*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/09/24 18:18*	*12/11/24 12:35*	*1*

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.26	0.14	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
2-Methylnaphthalene	ND		0.26	0.14	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Acenaphthene	ND		0.26	0.17	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Acenaphthylene	ND		0.26	0.13	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Anthracene	ND		0.26	0.12	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Benzo[g,h,i]perylene	ND		0.26	0.14	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Benzo[k]fluoranthene	ND		0.26	0.22	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Benzo[a]anthracene	ND		0.26	0.10	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Benzo[a]pyrene	ND		0.26	0.11	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Benzo[b]fluoranthene	ND		0.26	0.19	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Chrysene	ND		0.26	0.084	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Dibenz(a,h)anthracene	ND		0.26	0.14	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Fluoranthene	ND		0.26	0.10	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Fluorene	ND		0.26	0.13	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Indeno[1,2,3-cd]pyrene	ND		0.26	0.16	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Naphthalene	ND		0.26	0.12	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.26	0.19	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10
Pyrene	ND		0.26	0.11	mg/Kg	☼	12/09/24 18:18	12/11/24 13:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*22 - 130*	*12/09/24 18:18*	*12/11/24 13:38*	*10*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*12/09/24 18:18*	*12/11/24 13:38*	*10*
p-Terphenyl-d14 (Surr)	*92*		*33 - 147*	*12/09/24 18:18*	*12/11/24 13:38*	*10*

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Benzo[k]fluoranthene	ND		0.023	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Benzo[a]anthracene	ND		0.023	0.0091	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Benzo[a]pyrene	ND		0.023	0.0092	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Chrysene	ND		0.023	0.0073	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Dibenz(a,h)anthracene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Fluoranthene	ND		0.023	0.0091	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1
Pyrene	ND		0.023	0.0098	mg/Kg	☼	12/09/24 18:18	12/11/24 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*22 - 130*	*12/09/24 18:18*	*12/11/24 14:00*	*1*
Nitrobenzene-d5 (Surr)	*95*		*20 - 145*	*12/09/24 18:18*	*12/11/24 14:00*	*1*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*	*12/09/24 18:18*	*12/11/24 14:00*	*1*

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
2-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Acenaphthene	ND		0.026	0.017	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Acenaphthylene	ND		0.026	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Anthracene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Benzo[g,h,i]perylene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Benzo[k]fluoranthene	ND		0.026	0.022	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Benzo[a]anthracene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Benzo[a]pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Benzo[b]fluoranthene	ND		0.026	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.026	0.0084	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Dibenz(a,h)anthracene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Fluoranthene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Fluorene	ND		0.026	0.013	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Indeno[1,2,3-cd]pyrene	ND		0.026	0.016	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Naphthalene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Phenanthrene	ND		0.026	0.019	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1
Pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/11/24 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*12/09/24 18:18*	*12/11/24 14:31*	*1*
Nitrobenzene-d5 (Surr)	*98*		*20 - 145*	*12/09/24 18:18*	*12/11/24 14:31*	*1*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*	*12/09/24 18:18*	*12/11/24 14:31*	*1*

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**5.2**		0.23	0.13	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
2-Methylnaphthalene	**6.4**		0.23	0.12	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Acenaphthene	**0.35**		0.23	0.15	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Acenaphthylene	ND		0.23	0.11	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Anthracene	**0.21**	**J**	0.23	0.10	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Benzo[g,h,i]perylene	ND		0.23	0.12	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Benzo[k]fluoranthene	ND		0.23	0.20	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Benzo[a]anthracene	ND		0.23	0.093	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Benzo[a]pyrene	ND		0.23	0.095	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Benzo[b]fluoranthene	ND		0.23	0.17	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Chrysene	**0.26**		0.23	0.076	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Dibenz(a,h)anthracene	ND		0.23	0.13	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Fluoranthene	**0.13**	**J**	0.23	0.094	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Fluorene	**0.60**		0.23	0.11	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Indeno[1,2,3-cd]pyrene	ND		0.23	0.14	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Naphthalene	**2.3**		0.23	0.10	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Phenanthrene	**0.90**		0.23	0.17	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10
Pyrene	**0.18**	**J**	0.23	0.10	mg/Kg	☼	12/09/24 18:18	12/12/24 01:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*12/09/24 18:18*	*12/12/24 01:31*	*10*
Nitrobenzene-d5 (Surr)	*190*	*S1+*	*20 - 145*	*12/09/24 18:18*	*12/12/24 01:31*	*10*
p-Terphenyl-d14 (Surr)	*97*		*33 - 147*	*12/09/24 18:18*	*12/12/24 01:31*	*10*

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.015**	**J**	0.025	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
2-Methylnaphthalene	**0.018**	**J**	0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Acenaphthene	ND		0.025	0.016	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Benzo[k]fluoranthene	ND		0.025	0.021	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Benzo[a]anthracene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Benzo[b]fluoranthene	ND		0.025	0.019	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Chrysene	ND		0.025	0.0081	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Dibenz(a,h)anthracene	ND		0.025	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Fluoranthene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Phenanthrene	ND		0.025	0.019	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*	*12/09/24 18:18*	*12/12/24 01:53*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*12/09/24 18:18*	*12/12/24 01:53*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/09/24 18:18*	*12/12/24 01:53*	*1*

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Benzo[a]anthracene	ND		0.024	0.0096	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Benzo[a]pyrene	ND		0.024	0.0098	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Chrysene	ND		0.024	0.0078	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Fluoranthene	ND		0.024	0.0097	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*	*12/09/24 18:18*	*12/12/24 02:16*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*12/09/24 18:18*	*12/12/24 02:16*	*1*
p-Terphenyl-d14 (Surr)	*79*		*33 - 147*	*12/09/24 18:18*	*12/12/24 02:16*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
2-Methylnaphthalene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Acenaphthene	ND		0.026	0.017	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Acenaphthylene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Anthracene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Benzo[g,h,i]perylene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Benzo[k]fluoranthene	ND		0.026	0.022	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Benzo[a]anthracene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Benzo[a]pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Benzo[b]fluoranthene	ND		0.026	0.019	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Chrysene	ND		0.026	0.0084	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Dibenz(a,h)anthracene	ND		0.026	0.014	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Fluoranthene	ND		0.026	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Fluorene	ND		0.026	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Indeno[1,2,3-cd]pyrene	ND		0.026	0.016	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Naphthalene	ND		0.026	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Phenanthrene	ND		0.026	0.019	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1
Pyrene	ND		0.026	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*12/09/24 18:18*	*12/12/24 02:38*	*1*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*12/09/24 18:18*	*12/12/24 02:38*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/09/24 18:18*	*12/12/24 02:38*	*1*

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
2-Methylnaphthalene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Acenaphthene	ND		0.025	0.016	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Acenaphthylene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Anthracene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Benzo[g,h,i]perylene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Benzo[k]fluoranthene	ND		0.025	0.021	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Benzo[a]anthracene	ND		0.025	0.0098	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Benzo[a]pyrene	ND		0.025	0.010	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Benzo[b]fluoranthene	ND		0.025	0.018	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Chrysene	ND		0.025	0.0080	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Dibenz(a,h)anthracene	ND		0.025	0.013	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Fluoranthene	ND		0.025	0.0099	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Fluorene	ND		0.025	0.012	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Indeno[1,2,3-cd]pyrene	ND		0.025	0.015	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Naphthalene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Phenanthrene	ND		0.025	0.018	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1
Pyrene	ND		0.025	0.011	mg/Kg	☼	12/09/24 18:18	12/12/24 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*22 - 130*	*12/09/24 18:18*	*12/12/24 03:01*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*12/09/24 18:18*	*12/12/24 03:01*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	87		33 - 147	12/09/24 18:18	12/12/24 03:01	1

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Acenaphthene	ND		0.024	0.015	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Anthracene	ND		0.024	0.010	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Benzo[g,h,i]perylene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Benzo[a]anthracene	ND		0.024	0.0094	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Benzo[a]pyrene	ND		0.024	0.0096	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Chrysene	ND		0.024	0.0076	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Fluorene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/09/24 18:31	12/11/24 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	61		22 - 130	12/09/24 18:31	12/11/24 23:39	1
Nitrobenzene-d5 (Surr)	67		20 - 145	12/09/24 18:31	12/11/24 23:39	1
p-Terphenyl-d14 (Surr)	87		33 - 147	12/09/24 18:31	12/11/24 23:39	1

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**2.8**		0.22	0.12	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
2-Methylnaphthalene	**5.2**		0.22	0.11	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Acenaphthene	ND		0.22	0.14	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Acenaphthylene	ND		0.22	0.11	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Anthracene	ND		0.22	0.097	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Benzo[g,h,i]perylene	ND		0.22	0.12	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Benzo[k]fluoranthene	ND		0.22	0.19	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Benzo[a]anthracene	ND		0.22	0.087	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Benzo[a]pyrene	ND		0.22	0.089	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Benzo[b]fluoranthene	ND		0.22	0.16	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Chrysene	**0.14**	**J**	0.22	0.071	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Dibenz(a,h)anthracene	ND		0.22	0.12	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Fluoranthene	ND		0.22	0.088	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Fluorene	**0.26**		0.22	0.11	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Indeno[1,2,3-cd]pyrene	ND		0.22	0.13	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Naphthalene	**1.5**		0.22	0.098	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.59**		0.22	0.16	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10
Pyrene	ND		0.22	0.095	mg/Kg	☼	12/09/24 18:31	12/12/24 03:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*12/09/24 18:31*	*12/12/24 03:23*	*10*
Nitrobenzene-d5 (Surr)	*119*		*20 - 145*	*12/09/24 18:31*	*12/12/24 03:23*	*10*
p-Terphenyl-d14 (Surr)	*89*		*33 - 147*	*12/09/24 18:31*	*12/12/24 03:23*	*10*

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
2-Methylnaphthalene	**0.014**	**J**	0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Fluorene	**0.016**	**J**	0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Phenanthrene	**0.041**		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*12/09/24 18:31*	*12/12/24 03:46*	*1*
Nitrobenzene-d5 (Surr)	*69*		*20 - 145*	*12/09/24 18:31*	*12/12/24 03:46*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 147*	*12/09/24 18:31*	*12/12/24 03:46*	*1*

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Benzo[a]pyrene	ND		0.023	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.023	0.0075	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Fluoranthene	ND		0.023	0.0093	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*	*12/09/24 18:31*	*12/12/24 04:08*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*12/09/24 18:31*	*12/12/24 04:08*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/09/24 18:31*	*12/12/24 04:08*	*1*

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
2-Methylnaphthalene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Acenaphthylene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Benzo[k]fluoranthene	ND		0.024	0.020	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Benzo[a]anthracene	ND		0.024	0.0095	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Benzo[a]pyrene	ND		0.024	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Chrysene	ND		0.024	0.0077	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Fluoranthene	ND		0.024	0.0095	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*22 - 130*	*12/09/24 18:31*	*12/12/24 04:31*	*1*
Nitrobenzene-d5 (Surr)	*72*		*20 - 145*	*12/09/24 18:31*	*12/12/24 04:31*	*1*
p-Terphenyl-d14 (Surr)	*78*		*33 - 147*	*12/09/24 18:31*	*12/12/24 04:31*	*1*

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Benzo[a]anthracene	ND		0.023	0.0092	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Benzo[a]pyrene	ND		0.023	0.0093	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Chrysene	ND		0.023	0.0074	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Fluoranthene	ND		0.023	0.0092	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1
Pyrene	ND		0.023	0.0099	mg/Kg	☼	12/09/24 18:31	12/12/24 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*22 - 130*	*12/09/24 18:31*	*12/12/24 04:54*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/09/24 18:31*	*12/12/24 04:54*	*1*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*	*12/09/24 18:31*	*12/12/24 04:54*	*1*

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Acenaphthylene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Anthracene	ND		0.022	0.0096	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Benzo[g,h,i]perylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Benzo[a]anthracene	ND		0.022	0.0087	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Benzo[a]pyrene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Chrysene	ND		0.022	0.0070	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Naphthalene	ND		0.022	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1
Pyrene	ND		0.022	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*12/09/24 18:31*	*12/12/24 05:16*	*1*
Nitrobenzene-d5 (Surr)	*70*		*20 - 145*	*12/09/24 18:31*	*12/12/24 05:16*	*1*
p-Terphenyl-d14 (Surr)	*72*		*33 - 147*	*12/09/24 18:31*	*12/12/24 05:16*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
2-Methylnaphthalene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Acenaphthene	ND		0.023	0.015	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Acenaphthylene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Anthracene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Benzo[g,h,i]perylene	ND		0.023	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Benzo[k]fluoranthene	ND		0.023	0.020	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Benzo[a]anthracene	ND		0.023	0.0093	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Benzo[a]pyrene	ND		0.023	0.0095	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Benzo[b]fluoranthene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Chrysene	ND		0.023	0.0076	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Dibenz(a,h)anthracene	ND		0.023	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Fluoranthene	ND		0.023	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Fluorene	ND		0.023	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Indeno[1,2,3-cd]pyrene	ND		0.023	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Naphthalene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Phenanthrene	ND		0.023	0.017	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1
Pyrene	ND		0.023	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*	*12/09/24 18:31*	*12/12/24 05:39*	*1*
Nitrobenzene-d5 (Surr)	*75*		*20 - 145*	*12/09/24 18:31*	*12/12/24 05:39*	*1*
p-Terphenyl-d14 (Surr)	*83*		*33 - 147*	*12/09/24 18:31*	*12/12/24 05:39*	*1*

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
2-Methylnaphthalene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Acenaphthene	ND		0.024	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Acenaphthylene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Anthracene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Benzo[g,h,i]perylene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Benzo[k]fluoranthene	ND		0.024	0.021	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Benzo[a]anthracene	ND		0.024	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Benzo[a]pyrene	ND		0.024	0.0099	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Benzo[b]fluoranthene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Chrysene	ND		0.024	0.0079	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Dibenz(a,h)anthracene	ND		0.024	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Fluoranthene	ND		0.024	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Fluorene	ND		0.024	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Indeno[1,2,3-cd]pyrene	ND		0.024	0.015	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Naphthalene	ND		0.024	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Phenanthrene	ND		0.024	0.018	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1
Pyrene	ND		0.024	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*12/09/24 18:31*	*12/12/24 06:01*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/09/24 18:31*	*12/12/24 06:01*	*1*

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-21
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/09/24 18:31*	*12/12/24 06:01*	*1*

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Acenaphthylene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Anthracene	ND		0.022	0.0096	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Benzo[g,h,i]perylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Benzo[a]anthracene	ND		0.022	0.0086	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Benzo[a]pyrene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Chrysene	ND		0.022	0.0070	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Fluorene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Naphthalene	ND		0.022	0.0096	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1
Pyrene	ND		0.022	0.0093	mg/Kg	☼	12/09/24 18:31	12/12/24 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*12/09/24 18:31*	*12/12/24 06:24*	*1*
Nitrobenzene-d5 (Surr)	*63*		*20 - 145*	*12/09/24 18:31*	*12/12/24 06:24*	*1*
p-Terphenyl-d14 (Surr)	*70*		*33 - 147*	*12/09/24 18:31*	*12/12/24 06:24*	*1*

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
2-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Benzo[a]pyrene	ND		0.022	0.0090	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/09/24 18:31	12/12/24 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*12/09/24 18:31*	*12/12/24 06:46*	*1*
Nitrobenzene-d5 (Surr)	*70*		*20 - 145*	*12/09/24 18:31*	*12/12/24 06:46*	*1*
p-Terphenyl-d14 (Surr)	*77*		*33 - 147*	*12/09/24 18:31*	*12/12/24 06:46*	*1*

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Acenaphthylene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Anthracene	ND		0.022	0.0096	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Benzo[g,h,i]perylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Benzo[a]anthracene	ND		0.022	0.0087	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Benzo[a]pyrene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Chrysene	ND		0.022	0.0070	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Fluoranthene	ND		0.022	0.0087	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Fluorene	ND		0.022	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Naphthalene	ND		0.022	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1
Pyrene	ND		0.022	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*	*12/09/24 18:31*	*12/12/24 07:09*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*12/09/24 18:31*	*12/12/24 07:09*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*12/09/24 18:31*	*12/12/24 07:09*	*1*

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**5.0**		0.44	0.24	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
2-Methylnaphthalene	**6.0**		0.44	0.23	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Acenaphthene	**0.32**	**J**	0.44	0.29	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Acenaphthylene	ND		0.44	0.21	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Anthracene	ND		0.44	0.20	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Benzo[g,h,i]perylene	ND		0.44	0.24	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Benzo[k]fluoranthene	ND		0.44	0.38	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Benzo[a]anthracene	ND		0.44	0.18	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Benzo[a]pyrene	ND		0.44	0.18	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Benzo[b]fluoranthene	ND		0.44	0.33	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.21**	**J**	0.44	0.14	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Dibenz(a,h)anthracene	ND		0.44	0.24	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Fluoranthene	ND		0.44	0.18	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Fluorene	**0.94**		0.44	0.22	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Indeno[1,2,3-cd]pyrene	ND		0.44	0.27	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Naphthalene	**1.6**		0.44	0.20	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Phenanthrene	**1.2**		0.44	0.33	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20
Pyrene	**0.20**	**J**	0.44	0.19	mg/Kg	☼	12/09/24 18:31	12/12/24 07:31	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*22 - 130*	*12/09/24 18:31*	*12/12/24 07:31*	*20*
Nitrobenzene-d5 (Surr)	*102*		*20 - 145*	*12/09/24 18:31*	*12/12/24 07:31*	*20*
p-Terphenyl-d14 (Surr)	*88*		*33 - 147*	*12/09/24 18:31*	*12/12/24 07:31*	*20*

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
2-Methylnaphthalene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Acenaphthene	ND		0.022	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Acenaphthylene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Anthracene	ND		0.022	0.0097	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Benzo[g,h,i]perylene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Benzo[k]fluoranthene	ND		0.022	0.019	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Benzo[a]anthracene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Benzo[a]pyrene	ND		0.022	0.0089	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Benzo[b]fluoranthene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Chrysene	ND		0.022	0.0071	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Dibenz(a,h)anthracene	ND		0.022	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Fluoranthene	ND		0.022	0.0088	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Fluorene	ND		0.022	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Indeno[1,2,3-cd]pyrene	ND		0.022	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Naphthalene	ND		0.022	0.0098	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Phenanthrene	ND		0.022	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1
Pyrene	ND		0.022	0.0095	mg/Kg	☼	12/09/24 18:31	12/12/24 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*	*12/09/24 18:31*	*12/12/24 07:54*	*1*
Nitrobenzene-d5 (Surr)	*79*		*20 - 145*	*12/09/24 18:31*	*12/12/24 07:54*	*1*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*	*12/09/24 18:31*	*12/12/24 07:54*	*1*

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
2-Methylnaphthalene	ND		0.021	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Acenaphthene	ND		0.021	0.014	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Acenaphthylene	ND		0.021	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1

Method: SW846 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.021	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Benzo[g,h,i]perylene	ND		0.021	0.011	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Benzo[k]fluoranthene	ND		0.021	0.018	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Benzo[a]anthracene	ND		0.021	0.0085	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Benzo[a]pyrene	ND		0.021	0.0086	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Benzo[b]fluoranthene	ND		0.021	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Chrysene	ND		0.021	0.0069	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Dibenz(a,h)anthracene	ND		0.021	0.012	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Fluoranthene	ND		0.021	0.0085	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Fluorene	ND		0.021	0.010	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Indeno[1,2,3-cd]pyrene	ND		0.021	0.013	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Naphthalene	ND		0.021	0.0094	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Phenanthrene	ND		0.021	0.016	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1
Pyrene	ND		0.021	0.0091	mg/Kg	☼	12/09/24 18:31	12/12/24 08:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*22 - 130*	*12/09/24 18:31*	*12/12/24 08:16*	*1*
Nitrobenzene-d5 (Surr)	*69*		*20 - 145*	*12/09/24 18:31*	*12/12/24 08:16*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*12/09/24 18:31*	*12/12/24 08:16*	*1*

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.075	ug/L		12/10/24 13:02	12/12/24 22:54	1
2-Methylnaphthalene	ND		0.20	0.079	ug/L		12/10/24 13:02	12/12/24 22:54	1
Acenaphthene	ND		0.20	0.099	ug/L		12/10/24 13:02	12/12/24 22:54	1
Acenaphthylene	ND		0.20	0.071	ug/L		12/10/24 13:02	12/12/24 22:54	1
Anthracene	ND		0.20	0.061	ug/L		12/10/24 13:02	12/12/24 22:54	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/10/24 13:02	12/12/24 22:54	1
Benzo[k]fluoranthene	ND		0.20	0.16	ug/L		12/10/24 13:02	12/12/24 22:54	1
Benzo[a]anthracene	ND		0.20	0.088	ug/L		12/10/24 13:02	12/12/24 22:54	1
Benzo[a]pyrene	ND		0.20	0.064	ug/L		12/10/24 13:02	12/12/24 22:54	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/10/24 13:02	12/12/24 22:54	1
Chrysene	ND		0.20	0.061	ug/L		12/10/24 13:02	12/12/24 22:54	1
Dibenz(a,h)anthracene	ND		0.20	0.12	ug/L		12/10/24 13:02	12/12/24 22:54	1
Fluoranthene	ND		0.20	0.14	ug/L		12/10/24 13:02	12/12/24 22:54	1
Fluorene	ND		0.20	0.077	ug/L		12/10/24 13:02	12/12/24 22:54	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/10/24 13:02	12/12/24 22:54	1
Naphthalene	ND		0.20	0.15	ug/L		12/10/24 13:02	12/12/24 22:54	1
Phenanthrene	ND		0.20	0.075	ug/L		12/10/24 13:02	12/12/24 22:54	1
Pyrene	ND		0.20	0.068	ug/L		12/10/24 13:02	12/12/24 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*33 - 144*	*12/10/24 13:02*	*12/12/24 22:54*	*1*
Nitrobenzene-d5 (Surr)	*85*		*28 - 139*	*12/10/24 13:02*	*12/12/24 22:54*	*1*
p-Terphenyl-d14 (Surr)	*87*		*23 - 160*	*12/10/24 13:02*	*12/12/24 22:54*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
1,2-Dichlorobenzene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
1,3-Dichlorobenzene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
1,4-Dichlorobenzene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
1-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4,5-Trichlorophenol	ND		0.64	0.25	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4,6-Trichlorophenol	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4-Dichlorophenol	ND		0.64	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4-Dimethylphenol	ND		0.64	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4-Dinitrophenol	ND		2.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,4-Dinitrotoluene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,6-Dichlorophenol	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2,6-Dinitrotoluene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Chloronaphthalene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Chlorophenol	ND		0.64	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Methylphenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Nitroaniline	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
2-Nitrophenol	ND		0.64	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
3,3'-Dichlorobenzidine	ND		3.2	0.68	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
3/4-Methylphenol	ND		1.3	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
3-Nitroaniline	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4,6-Dinitro-2-methylphenol	ND		3.2	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Bromophenyl phenyl ether	ND		0.64	0.093	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Chloro-3-methylphenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Chloroaniline	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Chlorophenyl phenyl ether	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Nitroaniline	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
4-Nitrophenol	ND		0.64	0.40	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Acenaphthene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Acenaphthylene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Aniline	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Anthracene	ND		0.64	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Azobenzene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzidine	ND		6.4	0.73	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzo[a]anthracene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzo[a]pyrene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzo[b]fluoranthene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzo[g,h,i]perylene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzo[k]fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzoic acid	ND		3.2	0.86	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Benzyl alcohol	ND		0.64	0.21	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Bis(2-chloroethoxy)methane	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Bis(2-chloroethyl)ether	ND		3.2	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
bis (2-Chloroisopropyl) ether	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Bis(2-ethylhexyl) phthalate	ND		0.64	0.28	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Butyl benzyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Chrysene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Dibenz(a,h)anthracene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Diethyl phthalate	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Dimethyl phthalate	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Di-n-butyl phthalate	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Di-n-octyl phthalate	ND		0.64	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Fluorene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Hexachloro-1,3-butadiene	ND		0.64	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Hexachlorobenzene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Hexachloroethane	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Indeno[1,2,3-cd]pyrene	ND		0.64	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Isophorone	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Naphthalene	ND		0.64	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
N-Nitrosodimethylamine	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
N-Nitrosodi-n-propylamine	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Pentachlorophenol	ND		3.2	2.3	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Phenanthrene	ND		0.64	0.092	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Phenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Pyrene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1
Pyridine	ND		0.64	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 134*	*12/09/24 17:26*	*12/12/24 12:44*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*12/09/24 17:26*	*12/12/24 12:44*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/09/24 17:26*	*12/12/24 12:44*	*1*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*	*12/09/24 17:26*	*12/12/24 12:44*	*1*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*	*12/09/24 17:26*	*12/12/24 12:44*	*1*
Phenol-d6 (Surr)	*69*		*10 - 120*	*12/09/24 17:26*	*12/12/24 12:44*	*1*

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.56	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
1,2-Dichlorobenzene	ND		0.56	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
1,3-Dichlorobenzene	ND		0.56	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
1,4-Dichlorobenzene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
1-Methylnaphthalene	ND		0.56	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4,5-Trichlorophenol	ND		0.56	0.22	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4,6-Trichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4-Dichlorophenol	ND		0.56	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4-Dimethylphenol	ND		0.56	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,4-Dinitrotoluene	ND		0.56	0.092	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,6-Dichlorophenol	ND		0.56	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2,6-Dinitrotoluene	ND		0.56	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		0.56	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2-Chlorophenol	ND		0.56	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2-Methylnaphthalene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2-Methylphenol	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2-Nitroaniline	ND		0.56	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
2-Nitrophenol	ND		0.56	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
3,3'-Dichlorobenzidine	ND		2.8	0.60	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
3-Nitroaniline	ND		0.56	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Bromophenyl phenyl ether	ND		0.56	0.082	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Chloro-3-methylphenol	ND		0.56	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Chloroaniline	ND		0.56	0.093	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Chlorophenyl phenyl ether	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Nitroaniline	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
4-Nitrophenol	ND		0.56	0.35	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Acenaphthene	ND		0.56	0.089	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Acenaphthylene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Aniline	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Anthracene	ND		0.56	0.087	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Azobenzene	ND		0.56	0.088	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzidine	ND		5.6	0.65	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzo[a]anthracene	ND		0.56	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzo[a]pyrene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzo[b]fluoranthene	ND		0.56	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzo[g,h,i]perylene	ND		0.56	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzo[k]fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Benzyl alcohol	ND		0.56	0.19	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Bis(2-chloroethoxy)methane	ND		0.56	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
bis (2-Chloroisopropyl) ether	ND		0.56	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Bis(2-ethylhexyl) phthalate	ND		0.56	0.25	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Butyl benzyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Chrysene	ND		0.56	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Dibenz(a,h)anthracene	ND		0.56	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Dibenzofuran	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Diethyl phthalate	ND		0.56	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Dimethyl phthalate	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Di-n-butyl phthalate	ND		0.56	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Di-n-octyl phthalate	ND		0.56	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Fluoranthene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Fluorene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Hexachloro-1,3-butadiene	ND		0.56	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Hexachlorobenzene	ND		0.56	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Hexachlorocyclopentadiene	ND		1.7	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Hexachloroethane	ND		0.56	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Indeno[1,2,3-cd]pyrene	ND		0.56	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Isophorone	ND		0.56	0.089	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.56	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
N-Nitrosodimethylamine	ND		0.56	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
N-Nitrosodi-n-propylamine	ND		0.56	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.56	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Phenanthrene	ND		0.56	0.081	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Phenol	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Pyrene	ND		0.56	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1
Pyridine	ND		0.56	0.27	mg/Kg	☼	12/09/24 17:26	12/12/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 134*	*12/09/24 17:26*	*12/12/24 13:08*	*1*
2-Fluorobiphenyl (Surr)	*85*		*14 - 142*	*12/09/24 17:26*	*12/12/24 13:08*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 123*	*12/09/24 17:26*	*12/12/24 13:08*	*1*
Nitrobenzene-d5 (Surr)	*78*		*10 - 129*	*12/09/24 17:26*	*12/12/24 13:08*	*1*
p-Terphenyl-d14 (Surr)	*111*		*31 - 139*	*12/09/24 17:26*	*12/12/24 13:08*	*1*
Phenol-d6 (Surr)	*76*		*10 - 120*	*12/09/24 17:26*	*12/12/24 13:08*	*1*

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
1,2-Dichlorobenzene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
1,3-Dichlorobenzene	ND		0.65	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
1,4-Dichlorobenzene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
1-Methylnaphthalene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4,5-Trichlorophenol	ND		0.65	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4,6-Trichlorophenol	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4-Dichlorophenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4-Dimethylphenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4-Dinitrophenol	ND		2.6	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,4-Dinitrotoluene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,6-Dichlorophenol	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2,6-Dinitrotoluene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Chloronaphthalene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Chlorophenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Methylnaphthalene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Methylphenol	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Nitroaniline	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
2-Nitrophenol	ND		0.65	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
3,3'-Dichlorobenzidine	ND		3.3	0.70	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
3/4-Methylphenol	ND		1.3	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
3-Nitroaniline	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4,6-Dinitro-2-methylphenol	ND		3.3	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4-Bromophenyl phenyl ether	ND		0.65	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4-Chloro-3-methylphenol	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4-Chloroaniline	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4-Nitroaniline	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
4-Nitrophenol	ND		0.65	0.41	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Acenaphthene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Acenaphthylene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Aniline	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Anthracene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Azobenzene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzidine	ND		6.5	0.75	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzo[a]anthracene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzo[a]pyrene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzo[b]fluoranthene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzo[g,h,i]perylene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzo[k]fluoranthene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzoic acid	ND		3.3	0.88	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Benzyl alcohol	ND		0.65	0.22	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Bis(2-chloroethoxy)methane	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Bis(2-chloroethyl)ether	ND		3.3	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
bis (2-Chloroisopropyl) ether	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Bis(2-ethylhexyl) phthalate	ND		0.65	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Butyl benzyl phthalate	ND		0.65	0.31	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Chrysene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Dibenz(a,h)anthracene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Dibenzofuran	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Diethyl phthalate	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Dimethyl phthalate	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Di-n-butyl phthalate	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Di-n-octyl phthalate	ND		0.65	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Fluoranthene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Fluorene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Hexachloro-1,3-butadiene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Hexachlorobenzene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Hexachlorocyclopentadiene	ND		2.0	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Hexachloroethane	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Indeno[1,2,3-cd]pyrene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Isophorone	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Naphthalene	ND		0.65	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Nitrobenzene	ND		2.6	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
N-Nitrosodimethylamine	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
N-Nitrosodi-n-propylamine	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Pentachlorophenol	ND		3.3	2.4	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Phenanthrene	ND		0.65	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Phenol	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Pyrene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1
Pyridine	ND		0.65	0.31	mg/Kg	☼	12/09/24 17:26	12/12/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 134*	*12/09/24 17:26*	*12/12/24 18:00*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-3
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*	*12/09/24 17:26*	*12/12/24 18:00*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 123*	*12/09/24 17:26*	*12/12/24 18:00*	*1*
Nitrobenzene-d5 (Surr)	*74*		*10 - 129*	*12/09/24 17:26*	*12/12/24 18:00*	*1*
p-Terphenyl-d14 (Surr)	*65*		*31 - 139*	*12/09/24 17:26*	*12/12/24 18:00*	*1*
Phenol-d6 (Surr)	*56*		*10 - 120*	*12/09/24 17:26*	*12/12/24 18:00*	*1*

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		6.5	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
1,2-Dichlorobenzene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
1,3-Dichlorobenzene	ND		6.5	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
1,4-Dichlorobenzene	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
1-Methylnaphthalene	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4,5-Trichlorophenol	ND		6.5	2.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4,6-Trichlorophenol	ND		6.5	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4-Dichlorophenol	ND		6.5	1.7	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4-Dimethylphenol	ND		6.5	1.7	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4-Dinitrophenol	ND		26	12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,4-Dinitrotoluene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,6-Dichlorophenol	ND		6.5	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2,6-Dinitrotoluene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Chloronaphthalene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Chlorophenol	ND		6.5	1.7	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Methylnaphthalene	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Methylphenol	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Nitroaniline	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
2-Nitrophenol	ND		6.5	1.8	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
3,3'-Dichlorobenzidine	ND		33	7.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
3/4-Methylphenol	ND		13	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
3-Nitroaniline	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4,6-Dinitro-2-methylphenol	ND		33	12	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Bromophenyl phenyl ether	ND		6.5	0.95	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Chloro-3-methylphenol	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Chloroaniline	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Chlorophenyl phenyl ether	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Nitroaniline	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
4-Nitrophenol	ND		6.5	4.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Acenaphthene	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Acenaphthylene	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Aniline	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Anthracene	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Azobenzene	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzidine	ND		65	7.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzo[a]anthracene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzo[a]pyrene	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzo[b]fluoranthene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzo[g,h,i]perylene	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzoic acid	ND		33	8.8	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Benzyl alcohol	ND		6.5	2.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Bis(2-chloroethoxy)methane	ND		6.5	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Bis(2-chloroethyl)ether	ND		33	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
bis (2-Chloroisopropyl) ether	ND		6.5	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Bis(2-ethylhexyl) phthalate	ND		6.5	2.8	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Butyl benzyl phthalate	ND		6.5	3.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Chrysene	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Dibenz(a,h)anthracene	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Dibenzofuran	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Diethyl phthalate	ND		6.5	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Dimethyl phthalate	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Di-n-butyl phthalate	ND		6.5	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Di-n-octyl phthalate	ND		6.5	3.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Fluoranthene	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Fluorene	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Hexachloro-1,3-butadiene	ND		6.5	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Hexachlorobenzene	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Hexachlorocyclopentadiene	ND		20	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Hexachloroethane	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Indeno[1,2,3-cd]pyrene	ND		6.5	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Isophorone	ND		6.5	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Naphthalene	ND		6.5	1.8	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Nitrobenzene	ND		26	1.8	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
N-Nitrosodimethylamine	ND		6.5	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
N-Nitrosodi-n-propylamine	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
n-Nitrosodiphenylamine(as diphenylamine)	ND		6.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Pentachlorophenol	ND		33	24	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Phenanthrene	ND		6.5	0.94	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Phenol	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Pyrene	ND		6.5	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10
Pyridine	ND		6.5	3.1	mg/Kg	☼	12/09/24 17:26	12/12/24 13:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/09/24 17:26*	*12/12/24 13:54*	*10*
2-Fluorobiphenyl (Surr)	*69*		*14 - 142*	*12/09/24 17:26*	*12/12/24 13:54*	*10*
2-Fluorophenol (Surr)	*69*		*10 - 123*	*12/09/24 17:26*	*12/12/24 13:54*	*10*
Nitrobenzene-d5 (Surr)	*49*		*10 - 129*	*12/09/24 17:26*	*12/12/24 13:54*	*10*
p-Terphenyl-d14 (Surr)	*73*		*31 - 139*	*12/09/24 17:26*	*12/12/24 13:54*	*10*
Phenol-d6 (Surr)	*69*		*10 - 120*	*12/09/24 17:26*	*12/12/24 13:54*	*10*

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.57	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
1,2-Dichlorobenzene	ND		0.57	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
1,3-Dichlorobenzene	ND		0.57	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
1-Methylnaphthalene	ND		0.57	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4,5-Trichlorophenol	ND		0.57	0.22	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4,6-Trichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4-Dichlorophenol	ND		0.57	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4-Dimethylphenol	ND		0.57	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,4-Dinitrotoluene	ND		0.57	0.092	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,6-Dichlorophenol	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2,6-Dinitrotoluene	ND		0.57	0.098	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Chloronaphthalene	ND		0.57	0.098	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Chlorophenol	ND		0.57	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Methylnaphthalene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Methylphenol	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Nitroaniline	ND		0.57	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
2-Nitrophenol	ND		0.57	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
3,3'-Dichlorobenzidine	ND		2.8	0.61	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
3-Nitroaniline	ND		0.57	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4,6-Dinitro-2-methylphenol	ND		2.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Bromophenyl phenyl ether	ND		0.57	0.083	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Chloro-3-methylphenol	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Chloroaniline	ND		0.57	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Chlorophenyl phenyl ether	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Nitroaniline	ND		0.57	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
4-Nitrophenol	ND		0.57	0.36	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Acenaphthene	ND		0.57	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Acenaphthylene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Aniline	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Anthracene	ND		0.57	0.088	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Azobenzene	ND		0.57	0.089	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzidine	ND		5.7	0.65	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzo[a]anthracene	ND		0.57	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzo[a]pyrene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzo[b]fluoranthene	ND		0.57	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzo[g,h,i]perylene	ND		0.57	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzo[k]fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzoic acid	ND		2.8	0.76	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Benzyl alcohol	ND		0.57	0.19	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Bis(2-chloroethoxy)methane	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Bis(2-chloroethyl)ether	ND		2.8	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
bis (2-Chloroisopropyl) ether	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Bis(2-ethylhexyl) phthalate	ND		0.57	0.25	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Butyl benzyl phthalate	ND		0.57	0.27	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Chrysene	ND		0.57	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Dibenz(a,h)anthracene	ND		0.57	0.091	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Dibenzofuran	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Diethyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Dimethyl phthalate	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.57	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Di-n-octyl phthalate	ND		0.57	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Fluoranthene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Fluorene	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Hexachloro-1,3-butadiene	ND		0.57	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Hexachlorobenzene	ND		0.57	0.091	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Hexachlorocyclopentadiene	ND		1.7	0.098	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Hexachloroethane	ND		0.57	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Indeno[1,2,3-cd]pyrene	ND		0.57	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Isophorone	ND		0.57	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Naphthalene	ND		0.57	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Nitrobenzene	ND		2.3	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
N-Nitrosodimethylamine	ND		0.57	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
N-Nitrosodi-n-propylamine	ND		0.57	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.57	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Pentachlorophenol	ND		2.8	2.1	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Phenanthrene	ND		0.57	0.082	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Phenol	ND		0.57	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Pyrene	ND		0.57	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1
Pyridine	ND		0.57	0.27	mg/Kg	☼	12/09/24 17:26	12/12/24 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/09/24 17:26*	*12/12/24 14:17*	*1*
2-Fluorobiphenyl (Surr)	*95*		*14 - 142*	*12/09/24 17:26*	*12/12/24 14:17*	*1*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/09/24 17:26*	*12/12/24 14:17*	*1*
Nitrobenzene-d5 (Surr)	*88*		*10 - 129*	*12/09/24 17:26*	*12/12/24 14:17*	*1*
p-Terphenyl-d14 (Surr)	*90*		*31 - 139*	*12/09/24 17:26*	*12/12/24 14:17*	*1*
Phenol-d6 (Surr)	*89*		*10 - 120*	*12/09/24 17:26*	*12/12/24 14:17*	*1*

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
1,2-Dichlorobenzene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
1,3-Dichlorobenzene	ND		0.65	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
1,4-Dichlorobenzene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
1-Methylnaphthalene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4,5-Trichlorophenol	ND		0.65	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4,6-Trichlorophenol	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4-Dichlorophenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4-Dimethylphenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4-Dinitrophenol	ND		2.6	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,4-Dinitrotoluene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,6-Dichlorophenol	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2,6-Dinitrotoluene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2-Chloronaphthalene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2-Chlorophenol	ND		0.65	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2-Methylnaphthalene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2-Nitroaniline	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
2-Nitrophenol	ND		0.65	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
3,3'-Dichlorobenzidine	ND		3.3	0.70	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
3/4-Methylphenol	ND		1.3	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
3-Nitroaniline	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4,6-Dinitro-2-methylphenol	ND		3.3	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Bromophenyl phenyl ether	ND		0.65	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Chloro-3-methylphenol	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Chloroaniline	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Chlorophenyl phenyl ether	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Nitroaniline	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
4-Nitrophenol	ND		0.65	0.41	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Acenaphthene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Acenaphthylene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Aniline	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Anthracene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Azobenzene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzidine	ND		6.5	0.75	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzo[a]anthracene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzo[a]pyrene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzo[b]fluoranthene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzo[g,h,i]perylene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzo[k]fluoranthene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzoic acid	ND		3.3	0.88	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Benzyl alcohol	ND		0.65	0.22	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Bis(2-chloroethoxy)methane	ND		0.65	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Bis(2-chloroethyl)ether	ND		3.3	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
bis (2-Chloroisopropyl) ether	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Bis(2-ethylhexyl) phthalate	ND		0.65	0.28	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Butyl benzyl phthalate	ND		0.65	0.31	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Chrysene	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Dibenz(a,h)anthracene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Dibenzofuran	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Diethyl phthalate	ND		0.65	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Dimethyl phthalate	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Di-n-butyl phthalate	ND		0.65	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Di-n-octyl phthalate	ND		0.65	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Fluoranthene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Fluorene	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Hexachloro-1,3-butadiene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Hexachlorobenzene	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Hexachlorocyclopentadiene	ND		2.0	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Hexachloroethane	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Indeno[1,2,3-cd]pyrene	ND		0.65	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Isophorone	ND		0.65	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Naphthalene	ND		0.65	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Nitrobenzene	ND		2.6	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
N-Nitrosodimethylamine	ND		0.65	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.65	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Pentachlorophenol	ND		3.3	2.4	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Phenanthrene	ND		0.65	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Phenol	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Pyrene	ND		0.65	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1
Pyridine	ND		0.65	0.31	mg/Kg	☼	12/09/24 17:26	12/12/24 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 134*	*12/09/24 17:26*	*12/12/24 14:40*	*1*
2-Fluorobiphenyl (Surr)	*76*		*14 - 142*	*12/09/24 17:26*	*12/12/24 14:40*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 123*	*12/09/24 17:26*	*12/12/24 14:40*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/09/24 17:26*	*12/12/24 14:40*	*1*
p-Terphenyl-d14 (Surr)	*92*		*31 - 139*	*12/09/24 17:26*	*12/12/24 14:40*	*1*
Phenol-d6 (Surr)	*82*		*10 - 120*	*12/09/24 17:26*	*12/12/24 14:40*	*1*

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.8	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
1,2-Dichlorobenzene	ND		5.8	0.98	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
1,3-Dichlorobenzene	ND		5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
1,4-Dichlorobenzene	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
1-Methylnaphthalene	**3.5**	**J**	5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4,5-Trichlorophenol	ND		5.8	2.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4,6-Trichlorophenol	ND		5.8	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4-Dichlorophenol	ND		5.8	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4-Dimethylphenol	ND		5.8	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4-Dinitrophenol	ND		23	11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,4-Dinitrotoluene	ND		5.8	0.95	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,6-Dichlorophenol	ND		5.8	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2,6-Dinitrotoluene	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Chloronaphthalene	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Chlorophenol	ND		5.8	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Methylnaphthalene	**4.4**	**J**	5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Methylphenol	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Nitroaniline	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
2-Nitrophenol	ND		5.8	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
3,3'-Dichlorobenzidine	ND		29	6.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
3/4-Methylphenol	ND		12	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
3-Nitroaniline	ND		5.8	0.98	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4,6-Dinitro-2-methylphenol	ND		29	11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Bromophenyl phenyl ether	ND		5.8	0.85	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Chloro-3-methylphenol	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Chloroaniline	ND		5.8	0.96	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Chlorophenyl phenyl ether	ND		5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Nitroaniline	ND		5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
4-Nitrophenol	ND		5.8	3.7	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.8	0.93	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Acenaphthylene	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Aniline	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Anthracene	ND		5.8	0.91	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Azobenzene	ND		5.8	0.92	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzidine	ND		58	6.7	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzo[a]anthracene	ND		5.8	0.97	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzo[a]pyrene	ND		5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzo[b]fluoranthene	ND		5.8	0.99	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzo[g,h,i]perylene	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzo[k]fluoranthene	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzoic acid	ND		29	7.9	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Benzyl alcohol	ND		5.8	1.9	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Bis(2-chloroethoxy)methane	ND		5.8	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Bis(2-chloroethyl)ether	ND		29	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
bis (2-Chloroisopropyl) ether	ND		5.8	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Bis(2-ethylhexyl) phthalate	ND		5.8	2.5	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Butyl benzyl phthalate	ND		5.8	2.7	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Chrysene	ND		5.8	0.97	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Dibenz(a,h)anthracene	ND		5.8	0.93	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Dibenzofuran	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Diethyl phthalate	ND		5.8	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Dimethyl phthalate	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Di-n-butyl phthalate	ND		5.8	1.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Di-n-octyl phthalate	ND		5.8	2.7	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Fluoranthene	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Fluorene	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Hexachloro-1,3-butadiene	ND		5.8	1.5	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Hexachlorobenzene	ND		5.8	0.93	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Hexachlorocyclopentadiene	ND		18	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Hexachloroethane	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Indeno[1,2,3-cd]pyrene	ND		5.8	1.4	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Isophorone	ND		5.8	0.93	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Naphthalene	ND		5.8	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Nitrobenzene	ND		23	1.6	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
N-Nitrosodimethylamine	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
N-Nitrosodi-n-propylamine	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.8	1.0	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Pentachlorophenol	ND		29	21	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Phenanthrene	ND		5.8	0.84	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Phenol	ND		5.8	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Pyrene	ND		5.8	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10
Pyridine	ND		5.8	2.8	mg/Kg	☼	12/09/24 17:26	12/12/24 15:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*10 - 134*	*12/09/24 17:26*	*12/12/24 15:03*	*10*
2-Fluorobiphenyl (Surr)	*97*		*14 - 142*	*12/09/24 17:26*	*12/12/24 15:03*	*10*
2-Fluorophenol (Surr)	*100*		*10 - 123*	*12/09/24 17:26*	*12/12/24 15:03*	*10*
Nitrobenzene-d5 (Surr)	*83*		*10 - 129*	*12/09/24 17:26*	*12/12/24 15:03*	*10*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*114*		*31 - 139*	*12/09/24 17:26*	*12/12/24 15:03*	*10*
Phenol-d6 (Surr)	*105*		*10 - 120*	*12/09/24 17:26*	*12/12/24 15:03*	*10*

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
1,2-Dichlorobenzene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
1,3-Dichlorobenzene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
1,4-Dichlorobenzene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
1-Methylnaphthalene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4,5-Trichlorophenol	ND		0.62	0.24	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4,6-Trichlorophenol	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4-Dichlorophenol	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4-Dimethylphenol	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4-Dinitrophenol	ND		2.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,4-Dinitrotoluene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,6-Dichlorophenol	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2,6-Dinitrotoluene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Chloronaphthalene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Chlorophenol	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Methylnaphthalene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Methylphenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Nitroaniline	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
2-Nitrophenol	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
3,3'-Dichlorobenzidine	ND		3.1	0.67	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
3-Nitroaniline	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4,6-Dinitro-2-methylphenol	ND		3.1	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Bromophenyl phenyl ether	ND		0.62	0.091	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Chloro-3-methylphenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Chloroaniline	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Chlorophenyl phenyl ether	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Nitroaniline	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
4-Nitrophenol	ND		0.62	0.39	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Acenaphthene	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Acenaphthylene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Aniline	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Anthracene	ND		0.62	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Azobenzene	ND		0.62	0.098	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzidine	ND		6.2	0.72	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzo[a]anthracene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzo[a]pyrene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzo[b]fluoranthene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzo[g,h,i]perylene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzo[k]fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzoic acid	ND		3.1	0.84	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Benzyl alcohol	ND		0.62	0.21	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Bis(2-chloroethyl)ether	ND		3.1	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
bis (2-Chloroisopropyl) ether	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Bis(2-ethylhexyl) phthalate	ND		0.62	0.27	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Butyl benzyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Chrysene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Dibenz(a,h)anthracene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Dibenzofuran	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Diethyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Dimethyl phthalate	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Di-n-butyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Di-n-octyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Fluorene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Hexachloro-1,3-butadiene	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Hexachlorobenzene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Hexachloroethane	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Indeno[1,2,3-cd]pyrene	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Isophorone	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Naphthalene	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
N-Nitrosodimethylamine	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
N-Nitrosodi-n-propylamine	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Pentachlorophenol	ND		3.1	2.3	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Phenanthrene	ND		0.62	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Phenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Pyrene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1
Pyridine	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*	*12/09/24 17:26*	*12/12/24 15:27*	*1*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*	*12/09/24 17:26*	*12/12/24 15:27*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 123*	*12/09/24 17:26*	*12/12/24 15:27*	*1*
Nitrobenzene-d5 (Surr)	*79*		*10 - 129*	*12/09/24 17:26*	*12/12/24 15:27*	*1*
p-Terphenyl-d14 (Surr)	*99*		*31 - 139*	*12/09/24 17:26*	*12/12/24 15:27*	*1*
Phenol-d6 (Surr)	*85*		*10 - 120*	*12/09/24 17:26*	*12/12/24 15:27*	*1*

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.61	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
1,2-Dichlorobenzene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
1,3-Dichlorobenzene	ND		0.61	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
1,4-Dichlorobenzene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
1-Methylnaphthalene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,4,5-Trichlorophenol	ND		0.61	0.24	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,4-Dichlorophenol	ND		0.61	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,4-Dimethylphenol	ND		0.61	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,4-Dinitrotoluene	ND		0.61	0.098	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,6-Dichlorophenol	ND		0.61	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2,6-Dinitrotoluene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Chloronaphthalene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Chlorophenol	ND		0.61	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Methylnaphthalene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Methylphenol	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Nitroaniline	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
2-Nitrophenol	ND		0.61	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
3,3'-Dichlorobenzidine	ND		3.0	0.65	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
3-Nitroaniline	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Bromophenyl phenyl ether	ND		0.61	0.089	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Chloro-3-methylphenol	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Chloroaniline	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Chlorophenyl phenyl ether	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Nitroaniline	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
4-Nitrophenol	ND		0.61	0.38	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Acenaphthene	ND		0.61	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Acenaphthylene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Aniline	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Anthracene	ND		0.61	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Azobenzene	ND		0.61	0.095	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzidine	ND		6.1	0.70	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzo[a]anthracene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzo[a]pyrene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzo[b]fluoranthene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzo[g,h,i]perylene	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzo[k]fluoranthene	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzoic acid	ND		3.0	0.81	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Benzyl alcohol	ND		0.61	0.20	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Bis(2-chloroethoxy)methane	ND		0.61	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
bis (2-Chloroisopropyl) ether	ND		0.61	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Bis(2-ethylhexyl) phthalate	ND		0.61	0.26	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Butyl benzyl phthalate	ND		0.61	0.28	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Chrysene	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Dibenz(a,h)anthracene	ND		0.61	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Dibenzofuran	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Diethyl phthalate	ND		0.61	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Dimethyl phthalate	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Di-n-butyl phthalate	ND		0.61	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Di-n-octyl phthalate	ND		0.61	0.28	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Fluoranthene	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Hexachloro-1,3-butadiene	ND		0.61	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Hexachlorobenzene	ND		0.61	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Hexachloroethane	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Indeno[1,2,3-cd]pyrene	ND		0.61	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Isophorone	ND		0.61	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Naphthalene	ND		0.61	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
N-Nitrosodimethylamine	ND		0.61	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
N-Nitrosodi-n-propylamine	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.61	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Phenanthrene	ND		0.61	0.087	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Phenol	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Pyrene	ND		0.61	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1
Pyridine	ND		0.61	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*10 - 134*	*12/09/24 17:26*	*12/12/24 15:50*	*1*
2-Fluorobiphenyl (Surr)	*95*		*14 - 142*	*12/09/24 17:26*	*12/12/24 15:50*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/09/24 17:26*	*12/12/24 15:50*	*1*
Nitrobenzene-d5 (Surr)	*80*		*10 - 129*	*12/09/24 17:26*	*12/12/24 15:50*	*1*
p-Terphenyl-d14 (Surr)	*84*		*31 - 139*	*12/09/24 17:26*	*12/12/24 15:50*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*12/09/24 17:26*	*12/12/24 15:50*	*1*

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
1,2-Dichlorobenzene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
1,3-Dichlorobenzene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
1,4-Dichlorobenzene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
1-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4,5-Trichlorophenol	ND		0.64	0.25	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4,6-Trichlorophenol	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4-Dichlorophenol	ND		0.64	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4-Dimethylphenol	ND		0.64	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4-Dinitrophenol	ND		2.6	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,4-Dinitrotoluene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,6-Dichlorophenol	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2,6-Dinitrotoluene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Chloronaphthalene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Chlorophenol	ND		0.64	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Methylnaphthalene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Methylphenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Nitroaniline	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
2-Nitrophenol	ND		0.64	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		3.2	0.69	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
3/4-Methylphenol	ND		1.3	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
3-Nitroaniline	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4,6-Dinitro-2-methylphenol	ND		3.2	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Bromophenyl phenyl ether	ND		0.64	0.094	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Chloro-3-methylphenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Chloroaniline	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Chlorophenyl phenyl ether	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Nitroaniline	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
4-Nitrophenol	ND		0.64	0.40	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Acenaphthene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Acenaphthylene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Aniline	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Anthracene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Azobenzene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzidine	ND		6.4	0.74	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzo[a]anthracene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzo[a]pyrene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzo[b]fluoranthene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzo[g,h,i]perylene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzo[k]fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzoic acid	ND		3.2	0.86	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Benzyl alcohol	ND		0.64	0.21	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Bis(2-chloroethoxy)methane	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Bis(2-chloroethyl)ether	ND		3.2	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
bis (2-Chloroisopropyl) ether	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Bis(2-ethylhexyl) phthalate	ND		0.64	0.28	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Butyl benzyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Chrysene	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Dibenz(a,h)anthracene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Dibenzofuran	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Diethyl phthalate	ND		0.64	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Dimethyl phthalate	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Di-n-butyl phthalate	ND		0.64	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Di-n-octyl phthalate	ND		0.64	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Fluoranthene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Fluorene	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Hexachloro-1,3-butadiene	ND		0.64	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Hexachlorobenzene	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Hexachloroethane	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Indeno[1,2,3-cd]pyrene	ND		0.64	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Isophorone	ND		0.64	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Naphthalene	ND		0.64	0.18	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Nitrobenzene	ND		2.6	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
N-Nitrosodimethylamine	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
N-Nitrosodi-n-propylamine	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.64	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Pentachlorophenol	ND		3.2	2.4	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.64	0.093	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Phenol	ND		0.64	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Pyrene	ND		0.64	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1
Pyridine	ND		0.64	0.30	mg/Kg	☼	12/09/24 17:26	12/12/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/09/24 17:26*	*12/12/24 16:13*	*1*
2-Fluorobiphenyl (Surr)	*87*		*14 - 142*	*12/09/24 17:26*	*12/12/24 16:13*	*1*
2-Fluorophenol (Surr)	*83*		*10 - 123*	*12/09/24 17:26*	*12/12/24 16:13*	*1*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/09/24 17:26*	*12/12/24 16:13*	*1*
p-Terphenyl-d14 (Surr)	*77*		*31 - 139*	*12/09/24 17:26*	*12/12/24 16:13*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/09/24 17:26*	*12/12/24 16:13*	*1*

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
1,2-Dichlorobenzene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
1,3-Dichlorobenzene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
1,4-Dichlorobenzene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
1-Methylnaphthalene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4,5-Trichlorophenol	ND		0.62	0.24	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4,6-Trichlorophenol	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4-Dichlorophenol	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4-Dimethylphenol	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4-Dinitrophenol	ND		2.5	1.1	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,4-Dinitrotoluene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,6-Dichlorophenol	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2,6-Dinitrotoluene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Chloronaphthalene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Chlorophenol	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Methylnaphthalene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Methylphenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Nitroaniline	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
2-Nitrophenol	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
3,3'-Dichlorobenzidine	ND		3.1	0.67	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
3-Nitroaniline	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4,6-Dinitro-2-methylphenol	ND		3.1	1.2	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Bromophenyl phenyl ether	ND		0.62	0.091	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Chloro-3-methylphenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Chloroaniline	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Chlorophenyl phenyl ether	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Nitroaniline	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
4-Nitrophenol	ND		0.62	0.39	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Acenaphthene	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Acenaphthylene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Aniline	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Anthracene	ND		0.62	0.096	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.62	0.097	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzidine	ND		6.2	0.71	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzo[a]anthracene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzo[a]pyrene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzo[b]fluoranthene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzo[g,h,i]perylene	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzo[k]fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzoic acid	ND		3.1	0.84	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Benzyl alcohol	ND		0.62	0.21	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Bis(2-chloroethoxy)methane	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Bis(2-chloroethyl)ether	ND		3.1	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
bis (2-Chloroisopropyl) ether	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Bis(2-ethylhexyl) phthalate	ND		0.62	0.27	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Butyl benzyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Chrysene	ND		0.62	0.10	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Dibenz(a,h)anthracene	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Dibenzofuran	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Diethyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Dimethyl phthalate	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Di-n-butyl phthalate	ND		0.62	0.14	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Di-n-octyl phthalate	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Fluoranthene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Fluorene	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Hexachloro-1,3-butadiene	ND		0.62	0.16	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Hexachlorobenzene	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Hexachlorocyclopentadiene	ND		1.9	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Hexachloroethane	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Indeno[1,2,3-cd]pyrene	ND		0.62	0.15	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Isophorone	ND		0.62	0.099	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Naphthalene	ND		0.62	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Nitrobenzene	ND		2.5	0.17	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
N-Nitrosodimethylamine	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
N-Nitrosodi-n-propylamine	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.62	0.11	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Pentachlorophenol	ND		3.1	2.3	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Phenanthrene	ND		0.62	0.090	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Phenol	ND		0.62	0.12	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Pyrene	ND		0.62	0.13	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1
Pyridine	ND		0.62	0.29	mg/Kg	☼	12/09/24 17:26	12/12/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 134*	*12/09/24 17:26*	*12/12/24 17:36*	*1*
2-Fluorobiphenyl (Surr)	*90*		*14 - 142*	*12/09/24 17:26*	*12/12/24 17:36*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/09/24 17:26*	*12/12/24 17:36*	*1*
Nitrobenzene-d5 (Surr)	*87*		*10 - 129*	*12/09/24 17:26*	*12/12/24 17:36*	*1*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*	*12/09/24 17:26*	*12/12/24 17:36*	*1*
Phenol-d6 (Surr)	*92*		*10 - 120*	*12/09/24 17:26*	*12/12/24 17:36*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
1,2-Dichlorobenzene	ND		0.59	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
3,3'-Dichlorobenzidine	ND		2.9	0.63	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
3-Nitroaniline	ND		0.59	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Bromophenyl phenyl ether	ND		0.59	0.086	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Chloroaniline	ND	F2	0.59	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Acenaphthene	ND		0.59	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Aniline	ND	F2	0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Anthracene	ND		0.59	0.091	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Azobenzene	ND		0.59	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzidine	ND	F1 *1	5.9	0.68	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzo[g,h,i]perylene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzoic acid	ND	F1	2.9	0.79	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Chrysene	ND		0.59	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Dibenz(a,h)anthracene	ND		0.59	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Hexachlorobenzene	ND		0.59	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Isophorone	ND		0.59	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
N-Nitrosodimethylamine	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Pentachlorophenol	ND		2.9	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Phenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 134*	*12/09/24 18:30*	*12/12/24 16:51*	*1*
2-Fluorobiphenyl (Surr)	*62*		*14 - 142*	*12/09/24 18:30*	*12/12/24 16:51*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 123*	*12/09/24 18:30*	*12/12/24 16:51*	*1*
Nitrobenzene-d5 (Surr)	*65*		*10 - 129*	*12/09/24 18:30*	*12/12/24 16:51*	*1*
p-Terphenyl-d14 (Surr)	*59*		*31 - 139*	*12/09/24 18:30*	*12/12/24 16:51*	*1*
Phenol-d6 (Surr)	*63*		*10 - 120*	*12/09/24 18:30*	*12/12/24 16:51*	*1*

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		14	3.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
1,2-Dichlorobenzene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
1,3-Dichlorobenzene	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
1,4-Dichlorobenzene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
1-Methylnaphthalene	**2.9**	**J**	14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4,5-Trichlorophenol	ND		14	5.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4,6-Trichlorophenol	ND		14	3.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4-Dichlorophenol	ND		14	3.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4-Dimethylphenol	ND		14	3.5	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4-Dinitrophenol	ND		54	25	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,4-Dinitrotoluene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,6-Dichlorophenol	ND		14	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2,6-Dinitrotoluene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2-Chlorophenol	ND		14	3.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2-Methylnaphthalene	**5.6**	**J**	14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2-Methylphenol	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2-Nitroaniline	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
2-Nitrophenol	ND		14	3.8	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
3,3'-Dichlorobenzidine	ND		68	15	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
3/4-Methylphenol	ND		27	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
3-Nitroaniline	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4,6-Dinitro-2-methylphenol	ND		68	26	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Bromophenyl phenyl ether	ND		14	2.0	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Chloro-3-methylphenol	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Chloroaniline	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Chlorophenyl phenyl ether	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Nitroaniline	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
4-Nitrophenol	ND		14	8.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Acenaphthene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Acenaphthylene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Aniline	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Anthracene	ND		14	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Azobenzene	ND		14	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzidine	ND	*1	140	16	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzo[a]anthracene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzo[a]pyrene	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzo[b]fluoranthene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzo[g,h,i]perylene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzo[k]fluoranthene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzoic acid	ND		68	18	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Benzyl alcohol	ND		14	4.5	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Bis(2-chloroethoxy)methane	ND		14	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Bis(2-chloroethyl)ether	ND		68	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
bis (2-Chloroisopropyl) ether	ND		14	3.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Bis(2-ethylhexyl) phthalate	ND		14	5.9	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Butyl benzyl phthalate	ND		14	6.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Chrysene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Dibenz(a,h)anthracene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Dibenzofuran	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Diethyl phthalate	ND		14	3.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Dimethyl phthalate	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Di-n-butyl phthalate	ND		14	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Di-n-octyl phthalate	ND		14	6.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Fluoranthene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Fluorene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Hexachloro-1,3-butadiene	ND		14	3.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Hexachlorobenzene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Hexachlorocyclopentadiene	ND		41	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Hexachloroethane	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Indeno[1,2,3-cd]pyrene	ND		14	3.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Isophorone	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		14	3.8	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Nitrobenzene	ND		54	3.7	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
N-Nitrosodimethylamine	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
N-Nitrosodi-n-propylamine	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
n-Nitrosodiphenylamine(as diphenylamine)	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Pentachlorophenol	ND		68	50	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Phenanthrene	ND		14	2.0	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Phenol	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Pyrene	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25
Pyridine	ND		14	6.4	mg/Kg	☼	12/09/24 18:30	12/12/24 17:14	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/09/24 18:30*	*12/12/24 17:14*	*25*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*	*12/09/24 18:30*	*12/12/24 17:14*	*25*
2-Fluorophenol (Surr)	*67*		*10 - 123*	*12/09/24 18:30*	*12/12/24 17:14*	*25*
Nitrobenzene-d5 (Surr)	*71*		*10 - 129*	*12/09/24 18:30*	*12/12/24 17:14*	*25*
p-Terphenyl-d14 (Surr)	*73*		*31 - 139*	*12/09/24 18:30*	*12/12/24 17:14*	*25*
Phenol-d6 (Surr)	*69*		*10 - 120*	*12/09/24 18:30*	*12/12/24 17:14*	*25*

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4-Chloroaniline	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
4-Nitrophenol	ND		0.58	0.37	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzidine	ND	*1	5.8	0.67	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzo[a]anthracene	ND		0.58	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Dibenz(a,h)anthracene	ND		0.58	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Hexachloro-1,3-butadiene	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 134*	*12/09/24 18:30*	*12/12/24 17:37*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*14 - 142*	*12/09/24 18:30*	*12/12/24 17:37*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 123*	*12/09/24 18:30*	*12/12/24 17:37*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/09/24 18:30*	*12/12/24 17:37*	*1*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*	*12/09/24 18:30*	*12/12/24 17:37*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/09/24 18:30*	*12/12/24 17:37*	*1*

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
1,2-Dichlorobenzene	ND		0.58	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4-Dinitrophenol	ND		2.3	1.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2,6-Dinitrotoluene	ND		0.58	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
3-Nitroaniline	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Bromophenyl phenyl ether	ND		0.58	0.084	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Acenaphthene	ND		0.58	0.091	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Anthracene	ND		0.58	0.089	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Azobenzene	ND		0.58	0.090	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzidine	ND	*1	5.8	0.66	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzo[a]pyrene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Hexachlorobenzene	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
N-Nitrosodi-n-propylamine	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Phenanthrene	ND		0.58	0.083	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 134*	*12/09/24 18:30*	*12/12/24 18:01*	*1*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*	*12/09/24 18:30*	*12/12/24 18:01*	*1*
2-Fluorophenol (Surr)	*74*		*10 - 123*	*12/09/24 18:30*	*12/12/24 18:01*	*1*
Nitrobenzene-d5 (Surr)	*68*		*10 - 129*	*12/09/24 18:30*	*12/12/24 18:01*	*1*
p-Terphenyl-d14 (Surr)	*62*		*31 - 139*	*12/09/24 18:30*	*12/12/24 18:01*	*1*
Phenol-d6 (Surr)	*73*		*10 - 120*	*12/09/24 18:30*	*12/12/24 18:01*	*1*

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
1,2-Dichlorobenzene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
1,3-Dichlorobenzene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
1-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4,5-Trichlorophenol	ND		0.59	0.23	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4,6-Trichlorophenol	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4-Dichlorophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4-Dimethylphenol	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,4-Dinitrotoluene	ND		0.59	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,6-Dichlorophenol	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2,6-Dinitrotoluene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Chloronaphthalene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Chlorophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Methylnaphthalene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Methylphenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Nitroaniline	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
2-Nitrophenol	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
3,3'-Dichlorobenzidine	ND		3.0	0.63	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
3-Nitroaniline	ND		0.59	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Bromophenyl phenyl ether	ND		0.59	0.087	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Chloro-3-methylphenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Chloroaniline	ND		0.59	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Chlorophenyl phenyl ether	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Nitroaniline	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
4-Nitrophenol	ND		0.59	0.37	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Acenaphthene	ND		0.59	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Acenaphthylene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Aniline	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Anthracene	ND		0.59	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Azobenzene	ND		0.59	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzidine	ND	*1	5.9	0.68	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzo[a]anthracene	ND		0.59	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzo[a]pyrene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzo[b]fluoranthene	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzo[g,h,i]perylene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzo[k]fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzoic acid	ND		3.0	0.80	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Benzyl alcohol	ND		0.59	0.20	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Bis(2-chloroethoxy)methane	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
bis (2-Chloroisopropyl) ether	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Bis(2-ethylhexyl) phthalate	ND		0.59	0.26	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Butyl benzyl phthalate	ND		0.59	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Chrysene	ND		0.59	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Dibenz(a,h)anthracene	ND		0.59	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Dibenzofuran	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Diethyl phthalate	ND		0.59	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Dimethyl phthalate	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		0.59	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Di-n-octyl phthalate	ND		0.59	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Fluoranthene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Fluorene	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Hexachloro-1,3-butadiene	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Hexachlorobenzene	ND		0.59	0.095	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Hexachloroethane	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Indeno[1,2,3-cd]pyrene	ND		0.59	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Isophorone	ND		0.59	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Naphthalene	ND		0.59	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
N-Nitrosodimethylamine	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
N-Nitrosodi-n-propylamine	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.59	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Phenanthrene	ND		0.59	0.085	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Phenol	ND		0.59	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Pyrene	ND		0.59	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1
Pyridine	ND		0.59	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 134*	*12/09/24 18:30*	*12/12/24 18:23*	*1*
2-Fluorobiphenyl (Surr)	*67*		*14 - 142*	*12/09/24 18:30*	*12/12/24 18:23*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 123*	*12/09/24 18:30*	*12/12/24 18:23*	*1*
Nitrobenzene-d5 (Surr)	*61*		*10 - 129*	*12/09/24 18:30*	*12/12/24 18:23*	*1*
p-Terphenyl-d14 (Surr)	*69*		*31 - 139*	*12/09/24 18:30*	*12/12/24 18:23*	*1*
Phenol-d6 (Surr)	*68*		*10 - 120*	*12/09/24 18:30*	*12/12/24 18:23*	*1*

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		14	3.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
1,2-Dichlorobenzene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
1,3-Dichlorobenzene	ND		14	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
1,4-Dichlorobenzene	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
1-Methylnaphthalene	ND		14	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4,5-Trichlorophenol	ND		14	5.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4,6-Trichlorophenol	ND		14	3.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4-Dichlorophenol	ND		14	3.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4-Dimethylphenol	ND		14	3.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4-Dinitrophenol	ND		57	26	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,4-Dinitrotoluene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,6-Dichlorophenol	ND		14	3.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2,6-Dinitrotoluene	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2-Chloronaphthalene	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2-Chlorophenol	ND		14	3.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2-Methylnaphthalene	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2-Nitroaniline	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
2-Nitrophenol	ND		14	4.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
3,3'-Dichlorobenzidine	ND		72	15	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
3/4-Methylphenol	ND		29	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
3-Nitroaniline	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4,6-Dinitro-2-methylphenol	ND		72	27	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Bromophenyl phenyl ether	ND		14	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Chloro-3-methylphenol	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Chloroaniline	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Chlorophenyl phenyl ether	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Nitroaniline	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
4-Nitrophenol	ND		14	9.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Acenaphthene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Acenaphthylene	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Aniline	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Anthracene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Azobenzene	ND		14	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzidine	ND	*1	140	16	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzo[a]anthracene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzo[a]pyrene	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzo[b]fluoranthene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzo[g,h,i]perylene	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzo[k]fluoranthene	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzoic acid	ND		72	19	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Benzyl alcohol	ND		14	4.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Bis(2-chloroethoxy)methane	ND		14	3.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Bis(2-chloroethyl)ether	ND		72	3.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
bis (2-Chloroisopropyl) ether	ND		14	3.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Bis(2-ethylhexyl) phthalate	ND		14	6.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Butyl benzyl phthalate	ND		14	6.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Chrysene	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Dibenz(a,h)anthracene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Dibenzofuran	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Diethyl phthalate	ND		14	3.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Dimethyl phthalate	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Di-n-butyl phthalate	ND		14	3.2	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Di-n-octyl phthalate	ND		14	6.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Fluoranthene	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Fluorene	ND		14	2.7	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Hexachloro-1,3-butadiene	ND		14	3.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Hexachlorobenzene	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Hexachlorocyclopentadiene	ND		43	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Hexachloroethane	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Indeno[1,2,3-cd]pyrene	ND		14	3.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Isophorone	ND		14	2.3	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Naphthalene	ND		14	4.0	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Nitrobenzene	ND		57	3.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
N-Nitrosodimethylamine	ND		14	2.6	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		14	2.5	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
n-Nitrosodiphenylamine(as diphenylamine)	ND		14	2.4	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Pentachlorophenol	ND		72	53	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Phenanthrene	ND		14	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Phenol	ND		14	2.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Pyrene	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25
Pyridine	ND		14	6.8	mg/Kg	☼	12/09/24 18:30	12/12/24 18:46	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*10 - 134*	*12/09/24 18:30*	*12/12/24 18:46*	*25*
2-Fluorobiphenyl (Surr)	*91*		*14 - 142*	*12/09/24 18:30*	*12/12/24 18:46*	*25*
2-Fluorophenol (Surr)	*116*		*10 - 123*	*12/09/24 18:30*	*12/12/24 18:46*	*25*
Nitrobenzene-d5 (Surr)	*68*		*10 - 129*	*12/09/24 18:30*	*12/12/24 18:46*	*25*
p-Terphenyl-d14 (Surr)	*109*		*31 - 139*	*12/09/24 18:30*	*12/12/24 18:46*	*25*
Phenol-d6 (Surr)	*120*		*10 - 120*	*12/09/24 18:30*	*12/12/24 18:46*	*25*

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
1,2-Dichlorobenzene	ND		0.55	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
1,3-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
1,4-Dichlorobenzene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4,5-Trichlorophenol	ND		0.55	0.21	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4-Dinitrophenol	ND		2.2	0.99	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Chloronaphthalene	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Chlorophenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
3-Nitroaniline	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
4-Nitrophenol	ND		0.55	0.34	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Azobenzene	ND		0.55	0.085	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzo[b]fluoranthene	ND		0.55	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzo[g,h,i]perylene	ND		0.55	0.097	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Dibenz(a,h)anthracene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Hexachlorobenzene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Hexachlorocyclopentadiene	ND		1.6	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
N-Nitrosodimethylamine	ND		0.55	0.097	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
N-Nitrosodi-n-propylamine	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 134*	*12/09/24 18:30*	*12/13/24 14:01*	*1*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*	*12/09/24 18:30*	*12/13/24 14:01*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/09/24 18:30*	*12/13/24 14:01*	*1*
Nitrobenzene-d5 (Surr)	*69*		*10 - 129*	*12/09/24 18:30*	*12/13/24 14:01*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-18
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*67*		*31 - 139*	*12/09/24 18:30*	*12/13/24 14:01*	*1*
Phenol-d6 (Surr)	*80*		*10 - 120*	*12/09/24 18:30*	*12/13/24 14:01*	*1*

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
1,2-Dichlorobenzene	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
1,3-Dichlorobenzene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
1,4-Dichlorobenzene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
1-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4,5-Trichlorophenol	ND		0.58	0.23	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4,6-Trichlorophenol	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4-Dichlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4-Dimethylphenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4-Dinitrophenol	ND		2.3	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,4-Dinitrotoluene	ND		0.58	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,6-Dichlorophenol	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2,6-Dinitrotoluene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Chloronaphthalene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Chlorophenol	ND		0.58	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Methylnaphthalene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Nitroaniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
2-Nitrophenol	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
3,3'-Dichlorobenzidine	ND		2.9	0.62	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
3/4-Methylphenol	ND		1.2	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
3-Nitroaniline	ND		0.58	0.097	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4,6-Dinitro-2-methylphenol	ND		2.9	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Bromophenyl phenyl ether	ND		0.58	0.085	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Chloro-3-methylphenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Chloroaniline	ND		0.58	0.095	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Chlorophenyl phenyl ether	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Nitroaniline	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
4-Nitrophenol	ND		0.58	0.36	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Acenaphthene	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Acenaphthylene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Aniline	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Anthracene	ND		0.58	0.090	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Azobenzene	ND		0.58	0.091	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzidine	ND	*1	5.8	0.67	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzo[a]anthracene	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzo[a]pyrene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzo[b]fluoranthene	ND		0.58	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzo[g,h,i]perylene	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzo[k]fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzoic acid	ND		2.9	0.78	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Benzyl alcohol	ND		0.58	0.19	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Bis(2-chloroethyl)ether	ND		2.9	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
bis (2-Chloroisopropyl) ether	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Bis(2-ethylhexyl) phthalate	ND		0.58	0.25	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Butyl benzyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Chrysene	ND		0.58	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Dibenz(a,h)anthracene	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Dibenzofuran	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Diethyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Dimethyl phthalate	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Di-n-butyl phthalate	ND		0.58	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Di-n-octyl phthalate	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Fluoranthene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Fluorene	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Hexachloro-1,3-butadiene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Hexachlorobenzene	ND		0.58	0.093	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Hexachlorocyclopentadiene	ND		1.7	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Hexachloroethane	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Indeno[1,2,3-cd]pyrene	ND		0.58	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Isophorone	ND		0.58	0.092	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Naphthalene	ND		0.58	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Nitrobenzene	ND		2.3	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
N-Nitrosodimethylamine	ND		0.58	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
N-Nitrosodi-n-propylamine	ND		0.58	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.58	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Pentachlorophenol	ND		2.9	2.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Phenanthrene	ND		0.58	0.084	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Phenol	ND		0.58	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Pyrene	ND		0.58	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1
Pyridine	ND		0.58	0.27	mg/Kg	☼	12/09/24 18:30	12/12/24 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*	*12/09/24 18:30*	*12/12/24 19:09*	*1*
2-Fluorobiphenyl (Surr)	*79*		*14 - 142*	*12/09/24 18:30*	*12/12/24 19:09*	*1*
2-Fluorophenol (Surr)	*84*		*10 - 123*	*12/09/24 18:30*	*12/12/24 19:09*	*1*
Nitrobenzene-d5 (Surr)	*76*		*10 - 129*	*12/09/24 18:30*	*12/12/24 19:09*	*1*
p-Terphenyl-d14 (Surr)	*79*		*31 - 139*	*12/09/24 18:30*	*12/12/24 19:09*	*1*
Phenol-d6 (Surr)	*81*		*10 - 120*	*12/09/24 18:30*	*12/12/24 19:09*	*1*

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.60	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
1,2-Dichlorobenzene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
1,3-Dichlorobenzene	ND		0.60	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
1,4-Dichlorobenzene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
1-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,4,5-Trichlorophenol	ND		0.60	0.24	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.60	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,4-Dichlorophenol	ND		0.60	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,4-Dimethylphenol	ND		0.60	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,4-Dinitrophenol	ND		2.4	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,4-Dinitrotoluene	ND		0.60	0.098	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,6-Dichlorophenol	ND		0.60	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2,6-Dinitrotoluene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Chloronaphthalene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Chlorophenol	ND		0.60	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Methylnaphthalene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Methylphenol	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Nitroaniline	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
2-Nitrophenol	ND		0.60	0.17	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
3,3'-Dichlorobenzidine	ND		3.0	0.65	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
3/4-Methylphenol	ND		1.2	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
3-Nitroaniline	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4,6-Dinitro-2-methylphenol	ND		3.0	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Bromophenyl phenyl ether	ND		0.60	0.088	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Chloro-3-methylphenol	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Chloroaniline	ND		0.60	0.099	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Chlorophenyl phenyl ether	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Nitroaniline	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
4-Nitrophenol	ND		0.60	0.38	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Acenaphthene	ND		0.60	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Acenaphthylene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Aniline	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Anthracene	ND		0.60	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Azobenzene	ND		0.60	0.094	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzidine	ND	*1	6.0	0.69	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzo[a]anthracene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzo[a]pyrene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzo[b]fluoranthene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzo[g,h,i]perylene	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzo[k]fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzoic acid	ND		3.0	0.81	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Benzyl alcohol	ND		0.60	0.20	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Bis(2-chloroethoxy)methane	ND		0.60	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Bis(2-chloroethyl)ether	ND		3.0	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
bis (2-Chloroisopropyl) ether	ND		0.60	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Bis(2-ethylhexyl) phthalate	ND		0.60	0.26	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Butyl benzyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Chrysene	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Dibenz(a,h)anthracene	ND		0.60	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Dibenzofuran	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Diethyl phthalate	ND		0.60	0.14	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Dimethyl phthalate	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Di-n-butyl phthalate	ND		0.60	0.13	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Di-n-octyl phthalate	ND		0.60	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Fluoranthene	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Hexachloro-1,3-butadiene	ND		0.60	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Hexachlorobenzene	ND		0.60	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Hexachlorocyclopentadiene	ND		1.8	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Hexachloroethane	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Indeno[1,2,3-cd]pyrene	ND		0.60	0.15	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Isophorone	ND		0.60	0.096	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Naphthalene	ND		0.60	0.17	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Nitrobenzene	ND		2.4	0.16	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
N-Nitrosodimethylamine	ND		0.60	0.11	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
N-Nitrosodi-n-propylamine	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.60	0.10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Pentachlorophenol	ND		3.0	2.2	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Phenanthrene	ND		0.60	0.087	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Phenol	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Pyrene	ND		0.60	0.12	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1
Pyridine	ND		0.60	0.28	mg/Kg	☼	12/09/24 18:30	12/12/24 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 134*	*12/09/24 18:30*	*12/12/24 19:32*	*1*
2-Fluorobiphenyl (Surr)	*93*		*14 - 142*	*12/09/24 18:30*	*12/12/24 19:32*	*1*
2-Fluorophenol (Surr)	*91*		*10 - 123*	*12/09/24 18:30*	*12/12/24 19:32*	*1*
Nitrobenzene-d5 (Surr)	*86*		*10 - 129*	*12/09/24 18:30*	*12/12/24 19:32*	*1*
p-Terphenyl-d14 (Surr)	*79*		*31 - 139*	*12/09/24 18:30*	*12/12/24 19:32*	*1*
Phenol-d6 (Surr)	*88*		*10 - 120*	*12/09/24 18:30*	*12/12/24 19:32*	*1*

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.7	0.65	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
1,2-Dichlorobenzene	ND		2.7	0.46	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
1,3-Dichlorobenzene	ND		2.7	0.57	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
1,4-Dichlorobenzene	ND		2.7	0.52	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
1-Methylnaphthalene	ND		2.7	0.56	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4,5-Trichlorophenol	ND		2.7	1.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4,6-Trichlorophenol	ND		2.7	0.64	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4-Dichlorophenol	ND		2.7	0.72	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4-Dimethylphenol	ND		2.7	0.70	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4-Dinitrophenol	ND		11	4.9	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,4-Dinitrotoluene	ND		2.7	0.44	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,6-Dichlorophenol	ND		2.7	0.61	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2,6-Dinitrotoluene	ND		2.7	0.47	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Chloronaphthalene	ND		2.7	0.47	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Chlorophenol	ND		2.7	0.72	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Methylnaphthalene	ND		2.7	0.54	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Methylphenol	ND		2.7	0.52	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Nitroaniline	ND		2.7	0.50	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
2-Nitrophenol	ND		2.7	0.75	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		14	2.9	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
3/4-Methylphenol	ND		5.4	0.57	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
3-Nitroaniline	ND		2.7	0.45	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4,6-Dinitro-2-methylphenol	ND		14	5.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Bromophenyl phenyl ether	ND		2.7	0.40	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Chloro-3-methylphenol	ND		2.7	0.50	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Chloroaniline	ND		2.7	0.45	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Chlorophenyl phenyl ether	ND		2.7	0.55	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Nitroaniline	ND		2.7	0.55	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
4-Nitrophenol	ND		2.7	1.7	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Acenaphthene	ND		2.7	0.43	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Acenaphthylene	ND		2.7	0.52	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Aniline	ND		2.7	0.52	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Anthracene	ND		2.7	0.42	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Azobenzene	ND		2.7	0.43	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzidine	ND	*1	27	3.1	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzo[a]anthracene	ND		2.7	0.45	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzo[a]pyrene	ND		2.7	0.54	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzo[b]fluoranthene	ND		2.7	0.46	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzo[g,h,i]perylene	ND		2.7	0.48	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzo[k]fluoranthene	ND		2.7	0.51	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzoic acid	ND		14	3.7	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Benzyl alcohol	ND		2.7	0.91	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Bis(2-chloroethoxy)methane	ND		2.7	0.60	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Bis(2-chloroethyl)ether	ND		14	0.58	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
bis (2-Chloroisopropyl) ether	ND		2.7	0.64	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Bis(2-ethylhexyl) phthalate	ND		2.7	1.2	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Butyl benzyl phthalate	ND		2.7	1.3	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Chrysene	ND		2.7	0.45	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Dibenz(a,h)anthracene	ND		2.7	0.43	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Dibenzofuran	ND		2.7	0.51	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Diethyl phthalate	ND		2.7	0.62	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Dimethyl phthalate	ND		2.7	0.53	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Di-n-butyl phthalate	ND		2.7	0.60	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Di-n-octyl phthalate	ND		2.7	1.3	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Fluoranthene	ND		2.7	0.51	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Fluorene	ND		2.7	0.51	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Hexachloro-1,3-butadiene	ND		2.7	0.68	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Hexachlorobenzene	ND		2.7	0.43	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Hexachlorocyclopentadiene	ND		8.1	0.47	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Hexachloroethane	ND		2.7	0.50	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Indeno[1,2,3-cd]pyrene	ND		2.7	0.67	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Isophorone	ND		2.7	0.43	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Naphthalene	ND		2.7	0.75	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Nitrobenzene	ND		11	0.74	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
N-Nitrosodimethylamine	ND		2.7	0.48	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
N-Nitrosodi-n-propylamine	ND		2.7	0.46	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
n-Nitrosodiphenylamine(as diphenylamine)	ND		2.7	0.46	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Pentachlorophenol	ND		14	10	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		2.7	0.39	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Phenol	ND		2.7	0.53	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Pyrene	ND		2.7	0.55	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5
Pyridine	ND		2.7	1.3	mg/Kg	☼	12/09/24 18:30	12/12/24 19:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 134*	*12/09/24 18:30*	*12/12/24 19:55*	*5*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*	*12/09/24 18:30*	*12/12/24 19:55*	*5*
2-Fluorophenol (Surr)	*85*		*10 - 123*	*12/09/24 18:30*	*12/12/24 19:55*	*5*
Nitrobenzene-d5 (Surr)	*77*		*10 - 129*	*12/09/24 18:30*	*12/12/24 19:55*	*5*
p-Terphenyl-d14 (Surr)	*100*		*31 - 139*	*12/09/24 18:30*	*12/12/24 19:55*	*5*
Phenol-d6 (Surr)	*87*		*10 - 120*	*12/09/24 18:30*	*12/12/24 19:55*	*5*

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
1,2-Dichlorobenzene	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
1,3-Dichlorobenzene	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
1,4-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4,5-Trichlorophenol	ND		0.55	0.22	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
3/4-Methylphenol	ND		1.1	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
4-Nitrophenol	ND		0.55	0.35	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzo[b]fluoranthene	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzo[g,h,i]perylene	ND		0.55	0.098	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzoic acid	ND		2.7	0.74	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Dibenz(a,h)anthracene	ND		0.55	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Hexachlorocyclopentadiene	ND		1.6	0.095	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
N-Nitrosodimethylamine	ND		0.55	0.098	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 134*	*12/09/24 18:30*	*12/13/24 14:25*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*12/09/24 18:30*	*12/13/24 14:25*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 123*	*12/09/24 18:30*	*12/13/24 14:25*	*1*
Nitrobenzene-d5 (Surr)	*81*		*10 - 129*	*12/09/24 18:30*	*12/13/24 14:25*	*1*
p-Terphenyl-d14 (Surr)	*79*		*31 - 139*	*12/09/24 18:30*	*12/13/24 14:25*	*1*
Phenol-d6 (Surr)	*89*		*10 - 120*	*12/09/24 18:30*	*12/13/24 14:25*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.54	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
1,2-Dichlorobenzene	ND		0.54	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
1,3-Dichlorobenzene	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
1,4-Dichlorobenzene	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
1-Methylnaphthalene	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4,5-Trichlorophenol	ND		0.54	0.21	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4,6-Trichlorophenol	ND		0.54	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4-Dichlorophenol	ND		0.54	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4-Dimethylphenol	ND		0.54	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4-Dinitrophenol	ND		2.2	0.98	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,4-Dinitrotoluene	ND		0.54	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,6-Dichlorophenol	ND		0.54	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2,6-Dinitrotoluene	ND		0.54	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Chloronaphthalene	ND		0.54	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Chlorophenol	ND		0.54	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Methylnaphthalene	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Methylphenol	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Nitroaniline	ND		0.54	0.099	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
2-Nitrophenol	ND		0.54	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
3,3'-Dichlorobenzidine	ND		2.7	0.58	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
3-Nitroaniline	ND		0.54	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Bromophenyl phenyl ether	ND		0.54	0.079	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Chloro-3-methylphenol	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Chloroaniline	ND		0.54	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Chlorophenyl phenyl ether	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Nitroaniline	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
4-Nitrophenol	ND		0.54	0.34	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Acenaphthene	ND		0.54	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Acenaphthylene	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Aniline	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Anthracene	ND		0.54	0.084	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Azobenzene	ND		0.54	0.085	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzidine	ND	*1	5.4	0.62	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzo[a]anthracene	ND		0.54	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzo[a]pyrene	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzo[b]fluoranthene	ND		0.54	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzo[g,h,i]perylene	ND		0.54	0.096	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzo[k]fluoranthene	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzoic acid	ND		2.7	0.73	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Benzyl alcohol	ND		0.54	0.18	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Bis(2-chloroethoxy)methane	ND		0.54	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Bis(2-chloroethyl)ether	ND		2.7	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
bis (2-Chloroisopropyl) ether	ND		0.54	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Bis(2-ethylhexyl) phthalate	ND		0.54	0.24	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Butyl benzyl phthalate	ND		0.54	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Chrysene	ND		0.54	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Dibenz(a,h)anthracene	ND		0.54	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Diethyl phthalate	ND		0.54	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Dimethyl phthalate	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Di-n-butyl phthalate	ND		0.54	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Di-n-octyl phthalate	ND		0.54	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Fluoranthene	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Fluorene	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Hexachloro-1,3-butadiene	ND		0.54	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Hexachlorobenzene	ND		0.54	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Hexachlorocyclopentadiene	ND		1.6	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Hexachloroethane	ND		0.54	0.099	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Indeno[1,2,3-cd]pyrene	ND		0.54	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Isophorone	ND		0.54	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Naphthalene	ND		0.54	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
N-Nitrosodimethylamine	ND		0.54	0.096	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
N-Nitrosodi-n-propylamine	ND		0.54	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.54	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Phenanthrene	ND		0.54	0.078	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Phenol	ND		0.54	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Pyrene	ND		0.54	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1
Pyridine	ND		0.54	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 134*	*12/09/24 18:30*	*12/13/24 12:27*	*1*
2-Fluorobiphenyl (Surr)	*65*		*14 - 142*	*12/09/24 18:30*	*12/13/24 12:27*	*1*
2-Fluorophenol (Surr)	*75*		*10 - 123*	*12/09/24 18:30*	*12/13/24 12:27*	*1*
Nitrobenzene-d5 (Surr)	*71*		*10 - 129*	*12/09/24 18:30*	*12/13/24 12:27*	*1*
p-Terphenyl-d14 (Surr)	*71*		*31 - 139*	*12/09/24 18:30*	*12/13/24 12:27*	*1*
Phenol-d6 (Surr)	*78*		*10 - 120*	*12/09/24 18:30*	*12/13/24 12:27*	*1*

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		28	6.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
1,2-Dichlorobenzene	ND		28	4.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
1,3-Dichlorobenzene	ND		28	5.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
1,4-Dichlorobenzene	ND		28	5.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
1-Methylnaphthalene	ND		28	5.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4,5-Trichlorophenol	ND		28	11	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4,6-Trichlorophenol	ND		28	6.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4-Dichlorophenol	ND		28	7.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4-Dimethylphenol	ND		28	7.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4-Dinitrophenol	ND		110	51	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,4-Dinitrotoluene	ND		28	4.5	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,6-Dichlorophenol	ND		28	6.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2,6-Dinitrotoluene	ND		28	4.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		28	4.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2-Chlorophenol	ND		28	7.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2-Methylnaphthalene	**5.8**	**J**	28	5.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2-Methylphenol	ND		28	5.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2-Nitroaniline	ND		28	5.1	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
2-Nitrophenol	ND		28	7.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
3,3'-Dichlorobenzidine	ND		140	30	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
3/4-Methylphenol	ND		56	5.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
3-Nitroaniline	ND		28	4.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4,6-Dinitro-2-methylphenol	ND		140	53	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Bromophenyl phenyl ether	ND		28	4.1	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Chloro-3-methylphenol	ND		28	5.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Chloroaniline	ND		28	4.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Chlorophenyl phenyl ether	ND		28	5.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Nitroaniline	ND		28	5.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
4-Nitrophenol	ND		28	18	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Acenaphthene	ND		28	4.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Acenaphthylene	ND		28	5.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Aniline	ND		28	5.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Anthracene	ND		28	4.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Azobenzene	ND		28	4.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzidine	ND	*1	280	32	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzo[a]anthracene	ND		28	4.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzo[a]pyrene	ND		28	5.5	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzo[b]fluoranthene	ND		28	4.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzo[g,h,i]perylene	ND		28	5.0	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzo[k]fluoranthene	ND		28	5.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzoic acid	ND		140	37	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Benzyl alcohol	ND		28	9.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Bis(2-chloroethoxy)methane	ND		28	6.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Bis(2-chloroethyl)ether	ND		140	5.9	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
bis (2-Chloroisopropyl) ether	ND		28	6.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Bis(2-ethylhexyl) phthalate	ND		28	12	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Butyl benzyl phthalate	ND		28	13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Chrysene	ND		28	4.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Dibenz(a,h)anthracene	ND		28	4.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Dibenzofuran	ND		28	5.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Diethyl phthalate	ND		28	6.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Dimethyl phthalate	ND		28	5.5	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Di-n-butyl phthalate	ND		28	6.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Di-n-octyl phthalate	ND		28	13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Fluoranthene	ND		28	5.3	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Fluorene	ND		28	5.2	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Hexachloro-1,3-butadiene	ND		28	6.9	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Hexachlorobenzene	ND		28	4.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Hexachlorocyclopentadiene	ND		83	4.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Hexachloroethane	ND		28	5.1	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Indeno[1,2,3-cd]pyrene	ND		28	6.9	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Isophorone	ND		28	4.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		28	7.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Nitrobenzene	ND		110	7.6	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
N-Nitrosodimethylamine	ND		28	4.9	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
N-Nitrosodi-n-propylamine	ND		28	4.8	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
n-Nitrosodiphenylamine(as diphenylamine)	ND		28	4.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Pentachlorophenol	ND		140	100	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Phenanthrene	ND		28	4.0	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Phenol	ND		28	5.4	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Pyrene	ND		28	5.7	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50
Pyridine	ND		28	13	mg/Kg	☼	12/09/24 18:30	12/13/24 12:51	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*12/09/24 18:30*	*12/13/24 12:51*	*50*
2-Fluorobiphenyl (Surr)	*71*		*14 - 142*	*12/09/24 18:30*	*12/13/24 12:51*	*50*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*12/09/24 18:30*	*12/13/24 12:51*	*50*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*12/09/24 18:30*	*12/13/24 12:51*	*50*
p-Terphenyl-d14 (Surr)	*93*		*31 - 139*	*12/09/24 18:30*	*12/13/24 12:51*	*50*
Phenol-d6 (Surr)	*87*		*10 - 120*	*12/09/24 18:30*	*12/13/24 12:51*	*50*

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
1,2-Dichlorobenzene	ND		0.55	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
1,3-Dichlorobenzene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
1,4-Dichlorobenzene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
1-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4,5-Trichlorophenol	ND		0.55	0.21	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4,6-Trichlorophenol	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4-Dichlorophenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4-Dimethylphenol	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4-Dinitrophenol	ND		2.2	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,4-Dinitrotoluene	ND		0.55	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,6-Dichlorophenol	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2,6-Dinitrotoluene	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Chloronaphthalene	ND		0.55	0.095	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Chlorophenol	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Methylnaphthalene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Methylphenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Nitroaniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
2-Nitrophenol	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
3,3'-Dichlorobenzidine	ND		2.7	0.59	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
3-Nitroaniline	ND		0.55	0.092	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4,6-Dinitro-2-methylphenol	ND		2.7	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4-Bromophenyl phenyl ether	ND		0.55	0.080	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4-Chloro-3-methylphenol	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4-Chloroaniline	ND		0.55	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4-Nitroaniline	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
4-Nitrophenol	ND		0.55	0.34	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Acenaphthene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Acenaphthylene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Aniline	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Anthracene	ND		0.55	0.085	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Azobenzene	ND		0.55	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzidine	ND	*1	5.5	0.63	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzo[a]anthracene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzo[a]pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzo[b]fluoranthene	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzo[g,h,i]perylene	ND		0.55	0.098	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzo[k]fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzoic acid	ND		2.7	0.74	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Benzyl alcohol	ND		0.55	0.18	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Bis(2-chloroethoxy)methane	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Bis(2-chloroethyl)ether	ND		2.7	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.24	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Butyl benzyl phthalate	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Chrysene	ND		0.55	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Dibenz(a,h)anthracene	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Dibenzofuran	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Diethyl phthalate	ND		0.55	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Dimethyl phthalate	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Di-n-butyl phthalate	ND		0.55	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Di-n-octyl phthalate	ND		0.55	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Fluoranthene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Fluorene	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Hexachloro-1,3-butadiene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Hexachlorobenzene	ND		0.55	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Hexachlorocyclopentadiene	ND		1.6	0.095	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Hexachloroethane	ND		0.55	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Isophorone	ND		0.55	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Naphthalene	ND		0.55	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Nitrobenzene	ND		2.2	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
N-Nitrosodimethylamine	ND		0.55	0.097	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
N-Nitrosodi-n-propylamine	ND		0.55	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.55	0.093	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Pentachlorophenol	ND		2.7	2.0	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Phenanthrene	ND		0.55	0.079	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Phenol	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Pyrene	ND		0.55	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1
Pyridine	ND		0.55	0.26	mg/Kg	☼	12/09/24 18:30	12/13/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 134*	*12/09/24 18:30*	*12/13/24 13:14*	*1*

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-26
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*14 - 142*	*12/09/24 18:30*	*12/13/24 13:14*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/09/24 18:30*	*12/13/24 13:14*	*1*
Nitrobenzene-d5 (Surr)	*84*		*10 - 129*	*12/09/24 18:30*	*12/13/24 13:14*	*1*
p-Terphenyl-d14 (Surr)	*80*		*31 - 139*	*12/09/24 18:30*	*12/13/24 13:14*	*1*
Phenol-d6 (Surr)	*90*		*10 - 120*	*12/09/24 18:30*	*12/13/24 13:14*	*1*

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.53	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
1,2-Dichlorobenzene	ND		0.53	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
1,3-Dichlorobenzene	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
1,4-Dichlorobenzene	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
1-Methylnaphthalene	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4,5-Trichlorophenol	ND		0.53	0.21	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4,6-Trichlorophenol	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4-Dichlorophenol	ND		0.53	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4-Dimethylphenol	ND		0.53	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4-Dinitrophenol	ND		2.1	0.96	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,4-Dinitrotoluene	ND		0.53	0.086	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,6-Dichlorophenol	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2,6-Dinitrotoluene	ND		0.53	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Chloronaphthalene	ND		0.53	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Chlorophenol	ND		0.53	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Methylnaphthalene	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Methylphenol	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Nitroaniline	ND		0.53	0.096	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
2-Nitrophenol	ND		0.53	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
3,3'-Dichlorobenzidine	ND		2.6	0.57	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
3/4-Methylphenol	ND		1.1	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
3-Nitroaniline	ND		0.53	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4,6-Dinitro-2-methylphenol	ND		2.6	1.0	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Bromophenyl phenyl ether	ND		0.53	0.077	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Chloro-3-methylphenol	ND		0.53	0.098	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Chloroaniline	ND		0.53	0.087	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Chlorophenyl phenyl ether	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Nitroaniline	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
4-Nitrophenol	ND		0.53	0.33	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Acenaphthene	ND		0.53	0.084	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Acenaphthylene	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Aniline	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Anthracene	ND		0.53	0.082	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Azobenzene	ND		0.53	0.083	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzidine	ND	*1	5.3	0.61	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzo[a]anthracene	ND		0.53	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzo[a]pyrene	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzo[b]fluoranthene	ND		0.53	0.089	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzo[g,h,i]perylene	ND		0.53	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzoic acid	ND		2.6	0.71	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Benzyl alcohol	ND		0.53	0.18	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Bis(2-chloroethoxy)methane	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Bis(2-chloroethyl)ether	ND		2.6	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
bis (2-Chloroisopropyl) ether	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Bis(2-ethylhexyl) phthalate	ND		0.53	0.23	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Butyl benzyl phthalate	ND		0.53	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Chrysene	ND		0.53	0.088	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Dibenz(a,h)anthracene	ND		0.53	0.084	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Dibenzofuran	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Diethyl phthalate	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Dimethyl phthalate	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Di-n-butyl phthalate	ND		0.53	0.12	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Di-n-octyl phthalate	ND		0.53	0.24	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Fluoranthene	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Fluorene	ND		0.53	0.099	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Hexachloro-1,3-butadiene	ND		0.53	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Hexachlorobenzene	ND		0.53	0.084	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Hexachlorocyclopentadiene	ND		1.6	0.091	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Hexachloroethane	ND		0.53	0.097	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Indeno[1,2,3-cd]pyrene	ND		0.53	0.13	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Isophorone	ND		0.53	0.084	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Naphthalene	ND		0.53	0.15	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Nitrobenzene	ND		2.1	0.14	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
N-Nitrosodimethylamine	ND		0.53	0.094	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
N-Nitrosodi-n-propylamine	ND		0.53	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.53	0.090	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Pentachlorophenol	ND		2.6	1.9	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Phenanthrene	ND		0.53	0.076	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Phenol	ND		0.53	0.10	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Pyrene	ND		0.53	0.11	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1
Pyridine	ND		0.53	0.25	mg/Kg	☼	12/09/24 18:30	12/13/24 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 134*	*12/09/24 18:30*	*12/13/24 13:38*	*1*
2-Fluorobiphenyl (Surr)	*58*		*14 - 142*	*12/09/24 18:30*	*12/13/24 13:38*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 123*	*12/09/24 18:30*	*12/13/24 13:38*	*1*
Nitrobenzene-d5 (Surr)	*63*		*10 - 129*	*12/09/24 18:30*	*12/13/24 13:38*	*1*
p-Terphenyl-d14 (Surr)	*62*		*31 - 139*	*12/09/24 18:30*	*12/13/24 13:38*	*1*
Phenol-d6 (Surr)	*69*		*10 - 120*	*12/09/24 18:30*	*12/13/24 13:38*	*1*

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.79	ug/L		12/10/24 05:11	12/11/24 16:00	1
1,2-Dichlorobenzene	ND		10	0.61	ug/L		12/10/24 05:11	12/11/24 16:00	1
1,3-Dichlorobenzene	ND		10	0.78	ug/L		12/10/24 05:11	12/11/24 16:00	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		10	0.72	ug/L		12/10/24 05:11	12/11/24 16:00	1
1-Methylnaphthalene	ND		10	0.98	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4-Dimethylphenol	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4-Dinitrophenol	ND		51	13	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,6-Dichlorophenol	ND		10	1.6	ug/L		12/10/24 05:11	12/11/24 16:00	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Chloronaphthalene	ND		10	0.71	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Chlorophenol	ND		10	0.97	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Methylnaphthalene	ND		10	0.90	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Methylphenol	ND		10	0.82	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Nitroaniline	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
2-Nitrophenol	ND		10	2.4	ug/L		12/10/24 05:11	12/11/24 16:00	1
3,3'-Dichlorobenzidine	ND		10	2.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
3/4-Methylphenol	ND		10	0.78	ug/L		12/10/24 05:11	12/11/24 16:00	1
3-Nitroaniline	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 16:00	1
4,6-Dinitro-2-methylphenol	ND		51	12	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Bromophenyl phenyl ether	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Chloroaniline	ND		10	0.95	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Chlorophenyl phenyl ether	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Nitroaniline	ND		10	2.7	ug/L		12/10/24 05:11	12/11/24 16:00	1
4-Nitrophenol	ND		10	3.8	ug/L		12/10/24 05:11	12/11/24 16:00	1
Acenaphthene	ND		10	0.93	ug/L		12/10/24 05:11	12/11/24 16:00	1
Acenaphthylene	ND		10	0.89	ug/L		12/10/24 05:11	12/11/24 16:00	1
Aniline	ND		10	0.81	ug/L		12/10/24 05:11	12/11/24 16:00	1
Anthracene	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 16:00	1
Azobenzene	ND		10	0.76	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzidine	ND	*- *1	51	12	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzo[a]anthracene	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzo[b]fluoranthene	ND		10	1.8	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzo[k]fluoranthene	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzoic acid	ND		51	15	ug/L		12/10/24 05:11	12/11/24 16:00	1
Benzyl alcohol	ND		10	2.6	ug/L		12/10/24 05:11	12/11/24 16:00	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 16:00	1
Bis(2-chloroethyl)ether	ND		26	7.9	ug/L		12/10/24 05:11	12/11/24 16:00	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Bis(2-ethylhexyl) phthalate	ND		10	5.0	ug/L		12/10/24 05:11	12/11/24 16:00	1
Butyl benzyl phthalate	ND		10	4.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
Chrysene	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
Dibenz(a,h)anthracene	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 16:00	1
Dibenzofuran	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
Diethyl phthalate	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Dimethyl phthalate	ND		10	0.96	ug/L		12/10/24 05:11	12/11/24 16:00	1

Method: SW846 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 16:00	1
Di-n-octyl phthalate	ND		10	4.7	ug/L		12/10/24 05:11	12/11/24 16:00	1
Fluoranthene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Fluorene	ND		10	0.96	ug/L		12/10/24 05:11	12/11/24 16:00	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
Hexachlorobenzene	ND		10	0.92	ug/L		12/10/24 05:11	12/11/24 16:00	1
Hexachlorocyclopentadiene	ND		26	3.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
Hexachloroethane	ND		10	0.91	ug/L		12/10/24 05:11	12/11/24 16:00	1
Indeno[1,2,3-cd]pyrene	ND		10	3.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Isophorone	ND		10	1.5	ug/L		12/10/24 05:11	12/11/24 16:00	1
Naphthalene	ND		10	3.7	ug/L		12/10/24 05:11	12/11/24 16:00	1
Nitrobenzene	ND		26	7.7	ug/L		12/10/24 05:11	12/11/24 16:00	1
N-Nitrosodimethylamine	ND		10	0.76	ug/L		12/10/24 05:11	12/11/24 16:00	1
N-Nitrosodi-n-propylamine	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 16:00	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 16:00	1
Pentachlorophenol	ND		10	5.0	ug/L		12/10/24 05:11	12/11/24 16:00	1
Phenanthrene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Phenol	ND		10	0.44	ug/L		12/10/24 05:11	12/11/24 16:00	1
Pyrene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 16:00	1
Pyridine	ND		10	1.5	ug/L		12/10/24 05:11	12/11/24 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*27 - 140*	*12/10/24 05:11*	*12/11/24 16:00*	*1*
2-Fluorobiphenyl (Surr)	*79*		*28 - 120*	*12/10/24 05:11*	*12/11/24 16:00*	*1*
2-Fluorophenol (Surr)	*49*		*20 - 120*	*12/10/24 05:11*	*12/11/24 16:00*	*1*
Nitrobenzene-d5 (Surr)	*90*		*31 - 120*	*12/10/24 05:11*	*12/11/24 16:00*	*1*
p-Terphenyl-d14 (Surr)	*88*		*45 - 136*	*12/10/24 05:11*	*12/11/24 16:00*	*1*
Phenol-d6 (Surr)	*28*		*20 - 120*	*12/10/24 05:11*	*12/11/24 16:00*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.13	0.056	mg/Kg	☼	12/09/24 14:44	12/11/24 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/09/24 14:44*	*12/11/24 04:24*	*1*

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.049	mg/Kg	☼	12/09/24 14:44	12/11/24 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/09/24 14:44*	*12/11/24 04:48*	*1*

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.055	mg/Kg	☼	12/09/24 14:44	12/11/24 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/09/24 14:44*	*12/11/24 05:12*	*1*

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.38**		0.14	0.061	mg/Kg	☼	12/09/24 14:44	12/11/24 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*12/09/24 14:44*	*12/11/24 05:36*	*1*

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.097	0.043	mg/Kg	☼	12/09/24 14:44	12/11/24 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/09/24 14:44*	*12/11/24 05:59*	*1*

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/09/24 14:44	12/11/24 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/09/24 14:44*	*12/11/24 06:23*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	500		5.2	2.3	mg/Kg	☼	12/09/24 14:44	12/11/24 09:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*403*	*S1+*	*42 - 126*	*12/09/24 14:44*	*12/11/24 09:59*	*50*

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	1.4		0.13	0.056	mg/Kg	☼	12/09/24 14:44	12/11/24 07:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*42 - 126*	*12/09/24 14:44*	*12/11/24 07:11*	*1*

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.051	mg/Kg	☼	12/09/24 14:44	12/11/24 07:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*12/09/24 14:44*	*12/11/24 07:35*	*1*

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.19		0.12	0.052	mg/Kg	☼	12/09/24 14:44	12/11/24 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*12/09/24 14:44*	*12/11/24 07:59*	*1*

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.14	0.061	mg/Kg	☼	12/09/24 14:44	12/11/24 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/09/24 14:44*	*12/11/24 08:23*	*1*

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.045	mg/Kg	☼	12/09/24 14:44	12/11/24 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*12/09/24 14:44*	*12/11/24 08:47*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	770		49	22	mg/Kg	☼	12/09/24 14:44	12/12/24 02:38	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*42 - 126*	*12/09/24 14:44*	*12/12/24 02:38*	*500*

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	36		3.4	1.5	mg/Kg	☼	12/09/24 14:44	12/11/24 10:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*42 - 126*	*12/09/24 14:44*	*12/11/24 10:48*	*50*

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.045	mg/Kg	☼	12/09/24 14:44	12/11/24 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*42 - 126*	*12/09/24 14:44*	*12/11/24 05:46*	*1*

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12	0.054	mg/Kg	☼	12/09/24 14:44	12/11/24 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*42 - 126*	*12/09/24 14:44*	*12/11/24 06:05*	*1*

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091	0.040	mg/Kg	☼	12/09/24 14:44	12/11/24 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*42 - 126*	*12/09/24 14:44*	*12/11/24 06:24*	*1*

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/09/24 14:44	12/11/24 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*42 - 126*	*12/09/24 14:44*	*12/11/24 06:43*	*1*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091	0.040	mg/Kg	☼	12/09/24 14:44	12/12/24 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*12/09/24 14:44*	*12/12/24 02:14*	*1*

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.064**	**J**	0.097	0.043	mg/Kg	☼	12/09/24 14:44	12/12/24 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/09/24 14:44*	*12/12/24 05:25*	*1*

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.046	mg/Kg	☼	12/09/24 14:47	12/12/24 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*		*42 - 126*	*12/09/24 14:47*	*12/12/24 05:49*	*1*

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.086	0.038	mg/Kg	☼	12/09/24 14:47	12/12/24 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*12/09/24 14:47*	*12/12/24 06:13*	*1*

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.048	mg/Kg	☼	12/09/24 14:47	12/12/24 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/09/24 14:47*	*12/12/24 06:37*	*1*

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**580**		9.5	4.2	mg/Kg	☼	12/09/24 14:47	12/12/24 09:01	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*257*	*S1+*	*42 - 126*	*12/09/24 14:47*	*12/12/24 09:01*	*100*

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.089	0.039	mg/Kg	☼	12/09/24 14:48	12/12/24 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*12/09/24 14:48*	*12/12/24 07:01*	*1*

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11	0.047	mg/Kg	☼	12/09/24 14:48	12/12/24 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*12/09/24 14:48*	*12/12/24 07:25*	*1*

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*20 - 144*		*12/10/24 01:43*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.3	5.7	mg/Kg	☼	12/10/24 12:56	12/11/24 02:34	1
C23-C40	**11**		6.3	5.7	mg/Kg	☼	12/10/24 12:56	12/11/24 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 138*	*12/10/24 12:56*	*12/11/24 02:34*	*1*

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.1	mg/Kg	☼	12/10/24 12:56	12/11/24 03:01	1
C23-C40	**6.5**		5.6	5.1	mg/Kg	☼	12/10/24 12:56	12/11/24 03:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*60 - 138*	*12/10/24 12:56*	*12/11/24 03:01*	*1*

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.4	5.9	mg/Kg	☼	12/10/24 12:56	12/11/24 03:28	1
C23-C40	**6.0**	**J**	6.4	5.9	mg/Kg	☼	12/10/24 12:56	12/11/24 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*60 - 138*	*12/10/24 12:56*	*12/11/24 03:28*	*1*

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.6	5.1	mg/Kg	☼	12/10/24 12:56	12/11/24 08:53	1
C23-C40	**6.5**		5.6	5.1	mg/Kg	☼	12/10/24 12:56	12/11/24 08:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*113*		*60 - 138*	*12/10/24 12:56*	*12/11/24 08:53*	*1*

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.4	5.9	mg/Kg	☼	12/10/24 12:56	12/11/24 09:20	1
C23-C40	ND		6.4	5.9	mg/Kg	☼	12/10/24 12:56	12/11/24 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*115*		*60 - 138*	*12/10/24 12:56*	*12/11/24 09:20*	*1*

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**2000**		29	27	mg/Kg	☼	12/10/24 12:18	12/12/24 14:16	5
C23-C40	**1800**		29	27	mg/Kg	☼	12/10/24 12:18	12/12/24 14:16	5

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	104		60 - 138	12/10/24 12:18	12/12/24 14:16	5

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	12		6.1	5.6	mg/Kg	☼	12/10/24 12:18	12/12/24 14:38	1
C23-C40	17		6.1	5.6	mg/Kg	☼	12/10/24 12:18	12/12/24 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		60 - 138	12/10/24 12:18	12/12/24 14:38	1

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.0	5.5	mg/Kg	☼	12/10/24 12:18	12/12/24 15:01	1
C23-C40	ND		6.0	5.5	mg/Kg	☼	12/10/24 12:18	12/12/24 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	95		60 - 138	12/10/24 12:18	12/12/24 15:01	1

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.3	5.7	mg/Kg	☼	12/10/24 12:18	12/12/24 15:24	1
C23-C40	ND		6.3	5.7	mg/Kg	☼	12/10/24 12:18	12/12/24 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		60 - 138	12/10/24 12:18	12/12/24 15:24	1

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.2	5.7	mg/Kg	☼	12/10/24 12:18	12/12/24 15:47	1
C23-C40	5.9	J	6.2	5.7	mg/Kg	☼	12/10/24 12:18	12/12/24 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	96		60 - 138	12/10/24 12:18	12/12/24 15:47	1

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.9	5.4	mg/Kg	☼	12/10/24 12:18	12/12/24 16:10	1
C23-C40	ND		5.9	5.4	mg/Kg	☼	12/10/24 12:18	12/12/24 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		60 - 138	12/10/24 12:18	12/12/24 16:10	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	160		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 17:18	1
C23-C40	150		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*12/10/24 12:18*	*12/12/24 17:18*	*1*

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 17:42	1
C23-C40	ND		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*79*		*60 - 138*	*12/10/24 12:18*	*12/12/24 17:42*	*1*

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.9	5.4	mg/Kg	☼	12/10/24 12:18	12/12/24 18:05	1
C23-C40	12		5.9	5.4	mg/Kg	☼	12/10/24 12:18	12/12/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*12/10/24 12:18*	*12/12/24 18:05*	*1*

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	27		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 18:28	1
C23-C40	130		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 138*	*12/10/24 12:18*	*12/12/24 18:28*	*1*

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 18:51	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 138*	*12/10/24 12:18*	*12/12/24 18:51*	*1*

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 19:14	1
C23-C40	11		5.8	5.3	mg/Kg	☼	12/10/24 12:18	12/12/24 19:14	1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	96		60 - 138	12/10/24 12:18	12/12/24 19:14	1

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		6.0	5.5	mg/Kg	☼	12/10/24 12:18	12/12/24 20:00	1
C23-C40	**6.1**		6.0	5.5	mg/Kg	☼	12/10/24 12:18	12/12/24 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	95		60 - 138	12/10/24 12:18	12/12/24 20:00	1

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**17**		5.4	4.9	mg/Kg	☼	12/10/24 12:18	12/12/24 20:23	1
C23-C40	**53**		5.4	4.9	mg/Kg	☼	12/10/24 12:18	12/12/24 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	87		60 - 138	12/10/24 12:18	12/12/24 20:23	1

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.5	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 20:46	1
C23-C40	ND		5.5	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	91		60 - 138	12/10/24 12:18	12/12/24 20:46	1

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	4.9	mg/Kg	☼	12/10/24 12:18	12/12/24 21:09	1
C23-C40	ND		5.4	4.9	mg/Kg	☼	12/10/24 12:18	12/12/24 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	87		60 - 138	12/10/24 12:18	12/12/24 21:09	1

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	**8600**		55	50	mg/Kg	☼	12/10/24 12:18	12/12/24 21:32	10
C23-C40	**8000**		55	50	mg/Kg	☼	12/10/24 12:18	12/12/24 21:32	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	156	S1+	60 - 138	12/10/24 12:18	12/12/24 21:32	10

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.4	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 21:55	1
C23-C40	**5.3**	**J**	5.4	5.0	mg/Kg	☼	12/10/24 12:18	12/12/24 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 138*	*12/10/24 12:18*	*12/12/24 21:55*	*1*

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.3	4.8	mg/Kg	☼	12/10/24 12:18	12/12/24 13:53	1
C23-C40	ND		5.3	4.8	mg/Kg	☼	12/10/24 12:18	12/12/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*62*		*60 - 138*	*12/10/24 12:18*	*12/12/24 13:53*	*1*

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		49	41	ug/L		12/11/24 13:47	12/12/24 13:46	1
C23-C40	ND		49	41	ug/L		12/11/24 13:47	12/12/24 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*53 - 151*	*12/11/24 13:47*	*12/12/24 13:46*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) - DL

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	1100		13	12	mg/Kg	☼	12/10/24 12:56	12/13/24 10:36	2
C23-C40	2200		13	12	mg/Kg	☼	12/10/24 12:56	12/13/24 10:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*159*	*S1+*	*60 - 138*	*12/10/24 12:56*	*12/13/24 10:36*	*2*

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	2100		27	25	mg/Kg	☼	12/10/24 12:18	12/13/24 07:29	5
C23-C40	2000		27	25	mg/Kg	☼	12/10/24 12:18	12/13/24 07:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*60 - 138*	*12/10/24 12:18*	*12/13/24 07:29*	*5*

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.1	6.82	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Arsenic	**2.73**	**J**	3.62	2.34	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Barium	**70.8**		2.41	0.356	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Beryllium	**0.313**	**J**	0.482	0.113	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Cadmium	ND		0.482	0.184	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Chromium	**15.2**		1.21	0.640	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Cobalt	**5.81**		2.41	0.514	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Copper	**9.45**		2.41	0.686	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Lead	**5.26**		2.41	1.60	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Molybdenum	ND		4.82	1.18	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Nickel	**7.77**		2.41	1.37	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Selenium	ND		3.62	1.89	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Silver	ND		2.41	0.512	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Thallium	ND		12.1	3.44	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Vanadium	**31.1**		4.82	1.06	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2
Zinc	**31.7**		4.82	1.97	mg/Kg	☼	12/11/24 10:54	12/13/24 03:53	2

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.26	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Arsenic	ND		3.32	2.15	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Barium	**78.1**		2.21	0.327	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Beryllium	**0.731**		0.443	0.104	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Cadmium	ND		0.443	0.169	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Chromium	**26.9**		1.11	0.588	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Cobalt	**12.1**		2.21	0.472	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Copper	**15.1**		2.21	0.630	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Lead	**8.61**		2.21	1.46	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Molybdenum	ND		4.43	1.08	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Nickel	**16.3**		2.21	1.26	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Selenium	ND		3.32	1.73	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Silver	ND		2.21	0.470	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Thallium	ND		11.1	3.16	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Vanadium	**46.0**		4.43	0.970	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2
Zinc	**49.6**		4.43	1.81	mg/Kg	☼	12/11/24 10:54	12/13/24 03:44	2

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.5	7.10	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Arsenic	**7.93**		3.76	2.43	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Barium	**110**		2.51	0.370	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Beryllium	**0.702**		0.502	0.118	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Cadmium	ND		0.502	0.192	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Chromium	**28.9**		1.25	0.666	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Cobalt	**11.2**		2.51	0.534	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Copper	**24.0**		2.51	0.714	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**8.35**		2.51	1.66	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Molybdenum	ND		5.02	1.23	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Nickel	**22.2**		2.51	1.42	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Selenium	ND		3.76	1.96	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Silver	ND		2.51	0.533	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Thallium	ND		12.5	3.58	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Vanadium	**53.3**		5.02	1.10	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2
Zinc	**76.1**		5.02	2.05	mg/Kg	☼	12/11/24 10:54	12/13/24 03:55	2

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.2	6.91	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Arsenic	**3.03**	**J**	3.66	2.37	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Barium	**139**		2.44	0.360	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Beryllium	**0.439**	**J**	0.488	0.115	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Cadmium	ND		0.488	0.187	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Chromium	**21.0**		1.22	0.648	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Cobalt	**7.62**		2.44	0.520	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Copper	**16.8**		2.44	0.694	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Lead	**19.5**		2.44	1.61	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Molybdenum	ND		4.88	1.20	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Nickel	**18.3**		2.44	1.39	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Selenium	ND		3.66	1.91	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Silver	ND		2.44	0.519	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Thallium	ND		12.2	3.49	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Vanadium	**40.5**		4.88	1.07	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2
Zinc	**101**		4.88	1.99	mg/Kg	☼	12/11/24 10:54	12/13/24 04:02	2

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.9	6.15	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Arsenic	**4.04**		3.26	2.11	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Barium	**84.5**		2.17	0.320	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Beryllium	**0.456**		0.435	0.102	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Cadmium	ND		0.435	0.166	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Chromium	**18.4**		1.09	0.577	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Cobalt	**7.21**		2.17	0.463	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Copper	**11.4**		2.17	0.618	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Lead	**5.52**		2.17	1.44	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Molybdenum	ND		4.35	1.06	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Nickel	**12.3**		2.17	1.23	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Selenium	ND		3.26	1.70	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Silver	ND		2.17	0.462	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Thallium	ND		10.9	3.10	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Vanadium	**37.0**		4.35	0.952	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2
Zinc	**41.8**		4.35	1.77	mg/Kg	☼	12/11/24 10:54	12/13/24 04:04	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.9	7.27	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Arsenic	**4.78**		3.86	2.49	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Barium	**98.1**		2.57	0.379	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Beryllium	**0.848**		0.514	0.121	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Cadmium	ND		0.514	0.197	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Chromium	**26.3**		1.29	0.682	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Cobalt	**10.0**		2.57	0.547	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Copper	**23.2**		2.57	0.731	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Lead	**8.89**		2.57	1.70	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Molybdenum	ND		5.14	1.26	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Nickel	**18.0**		2.57	1.46	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Selenium	**2.18**	**J**	3.86	2.01	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Silver	ND		2.57	0.546	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Thallium	ND		12.9	3.67	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Vanadium	**42.5**		5.14	1.13	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2
Zinc	**78.5**		5.14	2.10	mg/Kg	☼	12/11/24 10:54	12/13/24 04:07	2

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.6	6.54	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Arsenic	**3.77**		3.47	2.24	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Barium	**73.8**		2.31	0.341	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Beryllium	**0.462**		0.462	0.109	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Cadmium	ND		0.462	0.177	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Chromium	**18.4**		1.16	0.613	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Cobalt	**7.92**		2.31	0.492	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Copper	**10.8**		2.31	0.657	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Lead	**5.24**		2.31	1.53	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Molybdenum	ND		4.62	1.13	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Nickel	**14.1**		2.31	1.31	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Selenium	ND		3.47	1.81	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Silver	ND		2.31	0.491	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Thallium	ND		11.6	3.30	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Vanadium	**38.3**		4.62	1.01	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2
Zinc	**385**		4.62	1.89	mg/Kg	☼	12/11/24 10:54	12/13/24 04:09	2

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.3	6.37	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Arsenic	**10.8**		3.38	2.19	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Barium	**107**		2.25	0.332	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Beryllium	**0.833**		0.450	0.106	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Cadmium	ND		0.450	0.172	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Chromium	**32.5**		1.13	0.598	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Cobalt	**13.3**		2.25	0.480	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Copper	**18.6**		2.25	0.641	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**7.97**		2.25	1.49	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Molybdenum	ND		4.50	1.10	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Nickel	**20.5**		2.25	1.28	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Selenium	ND		3.38	1.76	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Silver	ND		2.25	0.479	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Thallium	ND		11.3	3.22	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Vanadium	**53.3**		4.50	0.986	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2
Zinc	**63.9**		4.50	1.84	mg/Kg	☼	12/11/24 10:54	12/13/24 04:11	2

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	6.65	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Arsenic	**9.10**		3.53	2.28	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Barium	**82.3**		2.35	0.347	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Beryllium	**0.541**		0.470	0.111	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Cadmium	ND		0.470	0.180	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Chromium	**22.2**		1.18	0.624	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Cobalt	**8.25**		2.35	0.501	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Copper	**17.7**		2.35	0.669	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Lead	**7.52**		2.35	1.56	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Molybdenum	ND		4.70	1.15	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Nickel	**14.2**		2.35	1.34	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Selenium	ND		3.53	1.84	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Silver	ND		2.35	0.500	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Thallium	ND		11.8	3.36	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Vanadium	**49.2**		4.70	1.03	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2
Zinc	**59.4**		4.70	1.92	mg/Kg	☼	12/11/24 10:54	12/13/24 04:13	2

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.5	7.08	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Arsenic	**2.63**	**J**	3.75	2.43	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Barium	**98.7**		2.50	0.369	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Beryllium	**0.650**		0.500	0.118	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Cadmium	**0.225**	**J**	0.500	0.191	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Chromium	**24.2**		1.25	0.664	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Cobalt	**8.36**		2.50	0.533	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Copper	**12.5**		2.50	0.712	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Lead	**6.90**		2.50	1.65	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Molybdenum	ND		5.00	1.23	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Nickel	**16.1**		2.50	1.42	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Selenium	ND		3.75	1.96	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Silver	ND		2.50	0.532	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Thallium	ND		12.5	3.57	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Vanadium	**47.3**		5.00	1.10	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2
Zinc	**42.5**		5.00	2.04	mg/Kg	☼	12/11/24 10:54	12/13/24 04:16	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.5	7.06	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Arsenic	**2.90**	**J**	3.75	2.42	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Barium	**136**		2.50	0.368	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Beryllium	**0.799**		0.499	0.117	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Cadmium	ND		0.499	0.191	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Chromium	**31.4**		1.25	0.663	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Cobalt	**8.91**		2.50	0.532	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Copper	**13.0**		2.50	0.710	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Lead	**8.47**		2.50	1.65	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Molybdenum	ND		4.99	1.22	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Nickel	**17.9**		2.50	1.42	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Selenium	ND		3.75	1.96	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Silver	ND		2.50	0.531	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Thallium	ND		12.5	3.57	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Vanadium	**42.4**		4.99	1.09	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2
Zinc	**56.8**		4.99	2.04	mg/Kg	☼	12/11/24 10:54	12/13/24 04:18	2

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.21	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Arsenic	**3.80**		3.29	2.13	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Barium	**102**		2.19	0.324	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Beryllium	**0.636**		0.439	0.103	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Cadmium	ND		0.439	0.168	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Chromium	**26.2**		1.10	0.583	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Cobalt	**9.68**		2.19	0.467	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Copper	**21.5**		2.19	0.624	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Lead	**7.55**		2.19	1.45	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Molybdenum	ND		4.39	1.08	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Nickel	**17.6**		2.19	1.25	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Selenium	ND		3.29	1.72	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Silver	ND		2.19	0.466	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Thallium	ND		11.0	3.13	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Vanadium	**55.6**		4.39	0.961	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2
Zinc	**64.3**		4.39	1.79	mg/Kg	☼	12/11/24 10:54	12/13/24 04:20	2

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.27	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Arsenic	**2.20**	**J**	3.33	2.15	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Barium	**77.2**		2.22	0.327	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Beryllium	**0.466**		0.444	0.104	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Cadmium	ND		0.444	0.170	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Chromium	**18.5**		1.11	0.589	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Cobalt	**7.54**		2.22	0.472	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Copper	**11.0**		2.22	0.631	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.52**		2.22	1.47	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Molybdenum	ND		4.44	1.09	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Nickel	**11.4**		2.22	1.26	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Selenium	ND		3.33	1.74	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Silver	ND		2.22	0.471	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Thallium	ND		11.1	3.17	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Vanadium	**37.3**		4.44	0.971	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2
Zinc	**33.4**		4.44	1.81	mg/Kg	☼	12/11/24 10:54	12/13/24 04:23	2

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.0	6.25	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Arsenic	ND		3.31	2.14	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Barium	**79.4**		2.21	0.326	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Beryllium	**0.442**		0.442	0.104	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Cadmium	ND		0.442	0.169	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Chromium	**21.8**		1.10	0.586	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Cobalt	**4.70**		2.21	0.470	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Copper	**11.0**		2.21	0.628	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Lead	**6.56**		2.21	1.46	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Molybdenum	ND		4.42	1.08	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Nickel	**10.9**		2.21	1.25	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Selenium	ND		3.31	1.73	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Silver	ND		2.21	0.469	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Thallium	ND		11.0	3.15	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Vanadium	**34.3**		4.42	0.967	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2
Zinc	**42.5**		4.42	1.80	mg/Kg	☼	12/11/24 10:54	12/13/24 04:29	2

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.3	6.39	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Arsenic	**10.3**		3.39	2.19	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Barium	**102**		2.26	0.333	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Beryllium	**0.610**		0.452	0.106	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Cadmium	ND		0.452	0.173	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Chromium	**22.7**		1.13	0.600	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Cobalt	**10.3**		2.26	0.481	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Copper	**20.3**		2.26	0.643	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Lead	**8.81**		2.26	1.49	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Molybdenum	ND		4.52	1.11	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Nickel	**17.4**		2.26	1.28	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Selenium	ND		3.39	1.77	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Silver	ND		2.26	0.480	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Thallium	ND		11.3	3.23	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Vanadium	**49.8**		4.52	0.990	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2
Zinc	**64.3**		4.52	1.84	mg/Kg	☼	12/11/24 10:54	12/13/24 04:32	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	6.67	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Arsenic	**2.81**	**J**	3.54	2.29	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Barium	**76.8**		2.36	0.348	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Beryllium	**0.472**		0.472	0.111	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Cadmium	ND		0.472	0.180	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Chromium	**19.4**		1.18	0.626	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Cobalt	**7.83**		2.36	0.502	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Copper	**15.1**		2.36	0.671	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Lead	**6.06**		2.36	1.56	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Molybdenum	**1.84**	**J**	4.72	1.16	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Nickel	**13.2**		2.36	1.34	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Selenium	ND		3.54	1.85	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Silver	ND		2.36	0.501	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Thallium	ND		11.8	3.37	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Vanadium	**41.9**		4.72	1.03	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2
Zinc	**51.4**		4.72	1.92	mg/Kg	☼	12/11/24 10:54	12/13/24 04:34	2

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.7	6.06	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Arsenic	**2.87**	**J**	3.21	2.08	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Barium	**83.7**		2.14	0.316	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Beryllium	**0.514**		0.429	0.101	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Cadmium	ND		0.429	0.164	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Chromium	**21.3**		1.07	0.569	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Cobalt	**7.89**		2.14	0.457	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Copper	**14.0**		2.14	0.610	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Lead	**6.62**		2.14	1.42	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Molybdenum	ND		4.29	1.05	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Nickel	**12.9**		2.14	1.22	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Selenium	ND		3.21	1.68	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Silver	ND		2.14	0.455	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Thallium	ND		10.7	3.06	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Vanadium	**41.1**		4.29	0.939	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2
Zinc	**46.6**		4.29	1.75	mg/Kg	☼	12/11/24 10:54	12/13/24 04:36	2

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.5	5.92	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Arsenic	**8.10**		3.14	2.03	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Barium	**70.1**		2.09	0.309	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Beryllium	**0.418**		0.418	0.0983	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Cadmium	ND		0.418	0.160	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Chromium	**18.7**		1.05	0.555	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Cobalt	**7.17**		2.09	0.446	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Copper	**15.3**		2.09	0.595	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**5.40**		2.09	1.38	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Molybdenum	ND		4.18	1.02	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Nickel	**12.8**		2.09	1.19	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Selenium	ND		3.14	1.64	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Silver	ND		2.09	0.444	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Thallium	ND		10.5	2.99	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Vanadium	**39.2**		4.18	0.916	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2
Zinc	**48.6**		4.18	1.71	mg/Kg	☼	12/11/24 10:54	12/13/24 04:39	2

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.52	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Arsenic	**2.47**	**J**	3.46	2.24	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Barium	**71.5**		2.30	0.340	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Beryllium	**0.230**	**J**	0.461	0.108	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Cadmium	**0.968**		0.461	0.176	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Chromium	**14.5**		1.15	0.612	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Cobalt	**4.52**		2.30	0.491	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Copper	**10.8**		2.30	0.655	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Lead	**2.76**		2.30	1.52	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Molybdenum	**4.05**	**J**	4.61	1.13	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Nickel	**14.8**		2.30	1.31	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Selenium	ND		3.46	1.80	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Silver	ND		2.30	0.490	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Thallium	ND		11.5	3.29	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Vanadium	**31.0**		4.61	1.01	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2
Zinc	**38.1**		4.61	1.88	mg/Kg	☼	12/11/24 10:54	12/13/24 04:41	2

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.1	6.29	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Arsenic	**3.60**		3.34	2.16	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Barium	**105**		2.22	0.328	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Beryllium	**0.245**	**J**	0.445	0.105	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Cadmium	**1.25**		0.445	0.170	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Chromium	**17.1**		1.11	0.591	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Cobalt	**5.01**		2.22	0.474	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Copper	**11.4**		2.22	0.633	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Lead	**7.12**		2.22	1.47	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Molybdenum	**3.67**	**J**	4.45	1.09	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Nickel	**16.0**		2.22	1.26	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Selenium	ND		3.34	1.74	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Silver	ND		2.22	0.473	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Thallium	ND		11.1	3.18	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Vanadium	**37.3**		4.45	0.974	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2
Zinc	**44.1**		4.45	1.82	mg/Kg	☼	12/11/24 10:54	12/13/24 04:43	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.7	6.04	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Arsenic	ND		3.20	2.07	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Barium	**52.7**		2.14	0.315	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Beryllium	**0.320**	**J**	0.427	0.100	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Cadmium	ND		0.427	0.163	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Chromium	**15.8**		1.07	0.567	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Cobalt	**5.90**		2.14	0.455	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Copper	**10.9**		2.14	0.608	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Lead	**4.17**		2.14	1.41	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Molybdenum	ND		4.27	1.05	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Nickel	**7.01**		2.14	1.21	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Selenium	ND		3.20	1.67	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Silver	ND		2.14	0.454	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Thallium	ND		10.7	3.05	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Vanadium	**30.9**		4.27	0.936	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2
Zinc	**30.7**		4.27	1.74	mg/Kg	☼	12/12/24 10:01	12/12/24 17:20	2

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.51	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Arsenic	**2.81**	**J**	3.45	2.23	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Barium	**99.9**		2.30	0.340	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Beryllium	**0.414**	**J**	0.460	0.108	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Cadmium	ND		0.460	0.176	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Chromium	**16.0**		1.15	0.611	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Cobalt	**5.75**		2.30	0.490	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Copper	**10.8**		2.30	0.655	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Lead	**5.39**		2.30	1.52	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Molybdenum	ND		4.60	1.13	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Nickel	**10.7**		2.30	1.31	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Selenium	ND		3.45	1.80	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Silver	ND		2.30	0.489	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Thallium	ND		11.5	3.29	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Vanadium	**33.4**		4.60	1.01	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2
Zinc	**35.9**		4.60	1.88	mg/Kg	☼	12/12/24 10:01	12/12/24 17:41	2

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.6	6.02	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Arsenic	**5.59**		3.19	2.06	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Barium	**102**		2.13	0.314	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Beryllium	**0.489**		0.425	0.0999	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Cadmium	ND		0.425	0.163	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Chromium	**21.5**		1.06	0.565	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Cobalt	**9.82**		2.13	0.453	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Copper	**14.2**		2.13	0.605	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2

Method: SW846 6010B - Metals (ICP) (Continued)

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**6.46**		2.13	1.41	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Molybdenum	ND		4.25	1.04	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Nickel	**15.3**		2.13	1.21	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Selenium	ND		3.19	1.66	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Silver	ND		2.13	0.452	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Thallium	ND		10.6	3.04	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Vanadium	**46.3**		4.25	0.931	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2
Zinc	**54.0**		4.25	1.74	mg/Kg	☼	12/12/24 10:01	12/12/24 17:44	2

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.5	6.53	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Arsenic	ND		3.46	2.24	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Barium	**323**		2.31	0.341	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Beryllium	**0.277**	**J**	0.462	0.109	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Cadmium	ND		0.462	0.177	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Chromium	**12.7**		1.15	0.613	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Cobalt	**3.90**		2.31	0.492	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Copper	**10.9**		2.31	0.657	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Lead	**13.5**		2.31	1.53	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Molybdenum	ND		4.62	1.13	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Nickel	**13.3**		2.31	1.31	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Selenium	ND		3.46	1.81	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Silver	ND		2.31	0.491	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Thallium	ND		11.5	3.30	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Vanadium	**23.7**		4.62	1.01	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2
Zinc	**111**		4.62	1.88	mg/Kg	☼	12/12/24 10:01	12/12/24 17:46	2

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.95	5.63	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Arsenic	**2.11**	**J**	2.98	1.93	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Barium	**56.2**		1.99	0.293	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Beryllium	**0.338**	**J**	0.398	0.0935	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Cadmium	ND		0.398	0.152	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Chromium	**14.9**		0.995	0.528	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Cobalt	**5.67**		1.99	0.424	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Copper	**8.85**		1.99	0.566	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Lead	**4.58**		1.99	1.32	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Molybdenum	ND		3.98	0.975	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Nickel	**9.15**		1.99	1.13	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Selenium	ND		2.98	1.56	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Silver	ND		1.99	0.423	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Thallium	ND		9.95	2.84	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Vanadium	**29.3**		3.98	0.871	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2
Zinc	**30.9**		3.98	1.62	mg/Kg	☼	12/12/24 10:01	12/12/24 17:48	2

Method: SW846 6010B - Metals (ICP)

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.4	6.43	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Arsenic	**2.86**	**J**	3.41	2.21	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Barium	**39.9**		2.27	0.335	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Beryllium	**0.318**	**J**	0.454	0.107	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Cadmium	ND		0.454	0.174	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Chromium	**14.1**		1.14	0.603	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Cobalt	**5.50**		2.27	0.484	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Copper	**10.1**		2.27	0.646	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Lead	**3.86**		2.27	1.50	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Molybdenum	ND		4.54	1.11	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Nickel	**10.3**		2.27	1.29	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Selenium	ND		3.41	1.78	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Silver	ND		2.27	0.483	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Thallium	ND		11.4	3.24	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Vanadium	**32.6**		4.54	0.995	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2
Zinc	**33.6**		4.54	1.85	mg/Kg	☼	12/12/24 10:01	12/12/24 17:50	2

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		10.0	2.59	ug/L		12/10/24 08:10	12/11/24 06:15	1
Arsenic	ND		100	19.9	ug/L		12/10/24 08:10	12/11/24 06:15	1
Barium	ND		10.0	1.11	ug/L		12/10/24 08:10	12/11/24 06:15	1
Beryllium	ND		10.0	1.27	ug/L		12/10/24 08:10	12/11/24 06:15	1
Cadmium	ND		10.0	0.620	ug/L		12/10/24 08:10	12/11/24 06:15	1
Cobalt	ND		50.0	0.880	ug/L		12/10/24 08:10	12/11/24 06:15	1
Chromium	ND		50.0	2.96	ug/L		12/10/24 08:10	12/11/24 06:15	1
Copper	ND		50.0	2.69	ug/L		12/10/24 08:10	12/11/24 06:15	1
Molybdenum	ND		50.0	3.91	ug/L		12/10/24 08:10	12/11/24 06:15	1
Nickel	ND		50.0	3.07	ug/L		12/10/24 08:10	12/11/24 06:15	1
Antimony	ND		100	25.5	ug/L		12/10/24 08:10	12/11/24 06:15	1
Selenium	ND		50.0	16.2	ug/L		12/10/24 08:10	12/11/24 06:15	1
Thallium	ND		50.0	9.96	ug/L		12/10/24 08:10	12/11/24 06:15	1
Vanadium	ND		10.0	2.39	ug/L		12/10/24 08:10	12/11/24 06:15	1
Zinc	ND		250	13.3	ug/L		12/10/24 08:10	12/11/24 06:15	1
Lead	ND		50.0	5.27	ug/L		12/10/24 08:10	12/11/24 06:15	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: SW846 7470A - Mercury (CVAA)

Client Sample ID: EB-20241206
Date Collected: 12/06/24 15:10
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/12/24 09:21	12/12/24 14:04	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.106	0.0293	mg/Kg	☼	12/10/24 09:45	12/11/24 14:05	1

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0341**	**J**	0.0903	0.0249	mg/Kg	☼	12/10/24 09:45	12/11/24 14:07	1

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.111	0.0307	mg/Kg	☼	12/10/24 09:45	12/11/24 13:59	1

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.121**		0.103	0.0283	mg/Kg	☼	12/10/24 09:45	12/11/24 14:09	1

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0948	0.0262	mg/Kg	☼	12/10/24 09:45	12/11/24 14:11	1

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0576**	**J**	0.103	0.0283	mg/Kg	☼	12/10/24 09:45	12/11/24 14:17	1

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0996	0.0275	mg/Kg	☼	12/10/24 09:45	12/11/24 14:19	1

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0411**	**J**	0.104	0.0288	mg/Kg	☼	12/10/24 09:45	12/11/24 14:21	1

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0970	0.0268	mg/Kg	☼	12/10/24 09:45	12/11/24 14:24	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.105	0.0291	mg/Kg	☼	12/10/24 09:45	12/11/24 14:26	1

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0285**	**J**	0.102	0.0280	mg/Kg	☼	12/10/24 09:45	12/11/24 14:28	1

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0944	0.0261	mg/Kg	☼	12/10/24 09:45	12/11/24 14:30	1

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0875	0.0241	mg/Kg	☼	12/10/24 09:45	12/11/24 14:32	1

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.103	0.0285	mg/Kg	☼	12/10/24 09:45	12/11/24 14:34	1

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0310**	**J**	0.0981	0.0271	mg/Kg	☼	12/10/24 09:45	12/11/24 14:36	1

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.101	0.0279	mg/Kg	☼	12/10/24 09:45	12/11/24 14:42	1

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0923	0.0255	mg/Kg	☼	12/10/24 09:45	12/11/24 14:44	1

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0876	0.0242	mg/Kg	☼	12/10/24 09:45	12/11/24 14:46	1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.101	0.0279	mg/Kg	☼	12/10/24 09:45	12/11/24 14:48	1

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.101	0.0278	mg/Kg	☼	12/10/24 09:45	12/11/24 14:50	1

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0907	0.0250	mg/Kg	☼	12/10/24 10:10	12/10/24 17:48	1

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0953	0.0263	mg/Kg	☼	12/10/24 10:10	12/10/24 17:56	1

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0347**	**J *1**	0.0957	0.0264	mg/Kg	☼	12/10/24 10:10	12/10/24 17:58	1

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0874	0.0241	mg/Kg	☼	12/10/24 10:10	12/10/24 18:00	1

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0400**	**J *1**	0.0881	0.0243	mg/Kg	☼	12/10/24 10:10	12/10/24 18:06	1

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*1	0.0899	0.0248	mg/Kg	☼	12/10/24 10:10	12/10/24 18:08	1

General Chemistry

Client Sample ID: SB25-2.0
Date Collected: 12/06/24 08:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	21.4		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB25-5.0
Date Collected: 12/06/24 08:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.2		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB25-15.0
Date Collected: 12/06/24 08:15
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	23.6		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB27-1.0
Date Collected: 12/06/24 08:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	23.3		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB27-5.0
Date Collected: 12/06/24 08:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	12.1		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB27-15.0
Date Collected: 12/06/24 08:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	23.3		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB26-2.0
Date Collected: 12/06/24 09:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.6		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB26-5.0
Date Collected: 12/06/24 09:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	20.1		0.100	0.100	%			12/09/24 11:31	1

General Chemistry

Client Sample ID: SB26-15.0
Date Collected: 12/06/24 09:40
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.4		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB42-2.0
Date Collected: 12/06/24 10:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	22.5		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB42-5.0
Date Collected: 12/06/24 10:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	19.6		0.100	0.100	%			12/09/24 11:31	1

Client Sample ID: SB42-15.0
Date Collected: 12/06/24 10:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	15.2		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB44-2.0
Date Collected: 12/06/24 15:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.42		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB44-5.0
Date Collected: 12/06/24 10:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.2		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB44-15.0
Date Collected: 12/06/24 11:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.3		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB48-2.0
Date Collected: 12/06/24 12:05
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	15.8		0.100	0.100	%			12/09/24 13:53	1

General Chemistry

Client Sample ID: SB48-5.0
Date Collected: 12/06/24 12:10
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	13.2		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB48-15.0
Date Collected: 12/06/24 12:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.50		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB49-2.0
Date Collected: 12/06/24 13:20
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	14.2		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB49-5.0
Date Collected: 12/06/24 13:30
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.3		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.12		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	8.96		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB45-15.0
Date Collected: 12/06/24 14:00
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	7.37		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB39-2.0
Date Collected: 12/06/24 14:25
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	10.0		0.100	0.100	%			12/09/24 13:53	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

General Chemistry

Client Sample ID: SB39-5.0
Date Collected: 12/06/24 14:35
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	9.01		0.100	0.100	%			12/09/24 13:53	1

Client Sample ID: SB39-15.0
Date Collected: 12/06/24 14:45
Date Received: 12/06/24 17:15
Lab Sample ID: 570-209997-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	5.45		0.100	0.100	%			12/09/24 13:53	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209997-1	SB25-2.0	100	97	95	98
570-209997-2	SB25-5.0	101	98	96	98
570-209997-3	SB25-15.0	104	99	96	97
570-209997-4	SB27-1.0	105	94	95	105
570-209997-5	SB27-5.0	105	101	97	99
570-209997-6	SB27-15.0	108	101	98	98
570-209997-7	SB26-2.0	94	76 S1-	89	103
570-209997-8	SB26-5.0	106	99	99	102
570-209997-9	SB26-15.0	107	102	98	102
570-209997-10	SB42-2.0	104	103	94	100
570-209997-11	SB42-5.0	109	103	103	99
570-209997-12	SB42-15.0	110	101	100	101
570-209997-13	SB44-2.0	88	77 S1-	89	103
570-209997-14	SB44-5.0	96	93	91	99
570-209997-15	SB44-15.0	108	102	100	100
570-209997-16	SB48-2.0	116	99	102	101
570-209997-17	SB48-5.0	104	100	98	100
570-209997-18	SB48-15.0	111	100	98	101
570-209997-20	SB49-2.0	109	101	99	100
570-209997-21	SB49-5.0	108	100	100	100
570-209997-22	SB45-1.0	103	99	96	99
570-209997-23	SB45-5.0	111	100	102	102
570-209997-24	SB45-15.0	113	102	103	101
570-209997-25	SB39-2.0	93	81	90	104
570-209997-26	SB39-5.0	110	100	101	100
570-209997-27	SB39-15.0	98	98	93	98
LCS 570-511762/3	Lab Control Sample	98	101	101	103
LCS 570-511764/3	Lab Control Sample	93	95	95	101
LCS 570-511986/4	Lab Control Sample	97	96	100	100
LCS 570-514557/3	Lab Control Sample	100	96	97	101
LCSD 570-511762/4	Lab Control Sample Dup	94	99	98	101
LCSD 570-511764/4	Lab Control Sample Dup	94	97	95	101
LCSD 570-511986/5	Lab Control Sample Dup	97	97	100	100
LCSD 570-514557/4	Lab Control Sample Dup	99	96	95	102
MB 570-511762/5	Method Blank	97	101	99	100
MB 570-511762/6	Method Blank	96	98	96	99
MB 570-511764/5	Method Blank	97	98	93	98
MB 570-511986/8	Method Blank	97	93	94	99
MB 570-514557/5	Method Blank	104	100	98	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-209997-28	EB-20241206	93	90	96	97
570-209997-28 - RA	EB-20241206	93	98	95	98
570-209997-29	TB-20241206	93	90	97	97
570-209997-29 - RA	TB-20241206	94	98	96	100
LCS 570-511477/1007	Lab Control Sample	91	94	95	97
LCS 570-511998/1002	Lab Control Sample	94	98	98	100
LCSD 570-511477/8	Lab Control Sample Dup	91	93	95	96
LCSD 570-511998/3	Lab Control Sample Dup	95	98	99	99
MB 570-511477/11	Method Blank	93	90	95	97
MB 570-511998/6	Method Blank	96	96	99	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-209997-1	SB25-2.0	71	85	79	73	74	69
570-209997-2	SB25-5.0	62	85	73	78	111	76
570-209997-3	SB25-15.0	43	80	56	74	65	56
570-209997-4	SB27-1.0	73	69	69	49	73	69
570-209997-5	SB27-5.0	73	95	83	88	90	89
570-209997-6	SB27-15.0	71	76	78	76	92	82
570-209997-7	SB26-2.0	109	97	100	83	114	105
570-209997-8	SB26-5.0	81	87	81	79	99	85
570-209997-9	SB26-15.0	66	95	79	80	84	79
570-209997-10	SB42-2.0	72	87	83	72	77	80
570-209997-11	SB42-5.0	82	90	88	87	98	92
570-209997-12	SB42-15.0	56	62	63	65	59	63
570-209997-12 MS	SB42-15.0	59	61	71	62	61	72
570-209997-12 MSD	SB42-15.0	65	63	74	61	65	74
570-209997-13	SB44-2.0	76	80	67	71	73	69
570-209997-14	SB44-5.0	72	70	85	76	74	80
570-209997-15	SB44-15.0	61	64	74	68	62	73
570-209997-16	SB48-2.0	57	67	65	61	69	68
570-209997-17	SB48-5.0	103	91	116	68	109	120
570-209997-18	SB48-15.0	69	64	79	69	67	80
570-209997-20	SB49-2.0	74	79	84	76	79	81
570-209997-21	SB49-5.0	79	93	91	86	79	88
570-209997-22	SB45-1.0	81	88	85	77	100	87
570-209997-23	SB45-5.0	78	74	86	81	79	89
570-209997-24	SB45-15.0	79	65	75	71	71	78
570-209997-25	SB39-2.0	73	71	79	72	93	87
570-209997-26	SB39-5.0	87	77	88	84	80	90
570-209997-27	SB39-15.0	57	58	68	63	62	69

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
LCS 570-511822/2-A	Lab Control Sample	83	89	102	94	108	99
LCS 570-511848/2-A	Lab Control Sample	85	80	92	74	81	90
LCSD 570-511822/3-A	Lab Control Sample Dup	93	89	111	98	123	108
LCSD 570-511848/3-A	Lab Control Sample Dup	80	73	80	73	78	82
MB 570-511822/1-A	Method Blank	76	88	96	82	89	95
MB 570-511848/1-A	Method Blank	76	79	88	82	81	84

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(27-140)	(28-120)	(20-120)	(31-120)	(45-136)	(20-120)
570-209997-28	EB-20241206	74	79	49	90	88	28
LCS 570-511926/2-A	Lab Control Sample	83	79	43	82	90	28
LCSD 570-511926/3-A	Lab Control Sample Dup	91	86	54	100	93	34
MB 570-511926/1-A	Method Blank	71	74	44	83	85	25

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209997-1	SB25-2.0	79	82	72
570-209997-2	SB25-5.0	94	99	85
570-209997-3	SB25-15.0	85	90	76
570-209997-3 MS	SB25-15.0	85	87	76
570-209997-3 MSD	SB25-15.0	86	88	75
570-209997-4	SB27-1.0	86	88	92
570-209997-5	SB27-5.0	87	95	81
570-209997-6	SB27-15.0	88	98	82
570-209997-7	SB26-2.0	83	190 S1+	97
570-209997-8	SB26-5.0	76	74	79
570-209997-9	SB26-15.0	75	74	79
570-209997-10	SB42-2.0	78	78	80

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-209997-11	SB42-5.0	84	82	87
570-209997-12	SB42-15.0	61	67	87
570-209997-12 MS	SB42-15.0	51	53	72
570-209997-12 MSD	SB42-15.0	62	62	77
570-209997-13	SB44-2.0	83	119	89
570-209997-14	SB44-5.0	71	69	74
570-209997-15	SB44-15.0	76	74	77
570-209997-16	SB48-2.0	77	72	78
570-209997-17	SB48-5.0	76	73	82
570-209997-18	SB48-15.0	73	70	72
570-209997-20	SB49-2.0	80	75	83
570-209997-21	SB49-5.0	78	73	80
570-209997-22	SB45-1.0	67	63	70
570-209997-23	SB45-5.0	78	70	77
570-209997-24	SB45-15.0	75	73	80
570-209997-25	SB39-2.0	72	102	88
570-209997-26	SB39-5.0	80	79	82
570-209997-27	SB39-15.0	74	69	76
LCS 570-511840/2-A	Lab Control Sample	91	93	82
LCS 570-511850/2-A	Lab Control Sample	73	73	91
LCSD 570-511840/3-A	Lab Control Sample Dup	91	92	81
LCSD 570-511850/3-A	Lab Control Sample Dup	75	73	92
MB 570-511840/1-A	Method Blank	95	103	83
MB 570-511850/1-A	Method Blank	70	76	90

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-209997-28	EB-20241206	89	85	87
LCS 570-512178/2-A	Lab Control Sample	90	83	84
LCSD 570-512178/3-A	Lab Control Sample Dup	90	80	80
MB 570-512178/1-A	Method Blank	92	90	91

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	BFB1 (42-126)							
570-209997-1	SB25-2.0	71							
570-209997-2	SB25-5.0	69							
570-209997-3	SB25-15.0	69							
570-209997-4	SB27-1.0	78							
570-209997-5	SB27-5.0	73							
570-209997-6	SB27-15.0	73							
570-209997-7	SB26-2.0	403 S1+							
570-209997-8	SB26-5.0	117							
570-209997-9	SB26-15.0	75							
570-209997-10	SB42-2.0	83							
570-209997-11	SB42-5.0	73							
570-209997-12	SB42-15.0	73							
570-209997-13	SB44-2.0	160 S1+							
570-209997-14	SB44-5.0	123							
570-209997-15	SB44-15.0	114							
570-209997-16	SB48-2.0	116							
570-209997-17	SB48-5.0	106							
570-209997-18	SB48-15.0	113							
570-209997-20	SB49-2.0	70							
570-209997-21	SB49-5.0	71							
570-209997-22	SB45-1.0	62							
570-209997-23	SB45-5.0	71							
570-209997-24	SB45-15.0	69							
570-209997-25	SB39-2.0	257 S1+							
570-209997-26	SB39-5.0	72							
570-209997-27	SB39-15.0	66							
LCS 570-512317/31	Lab Control Sample	92							
LCS 570-512397/28	Lab Control Sample	107							
LCS 570-512651/4	Lab Control Sample	95							
LCS 570-512890/34	Lab Control Sample	92							
LCSD 570-512317/32	Lab Control Sample Dup	92							
LCSD 570-512397/29	Lab Control Sample Dup	104							
LCSD 570-512651/5	Lab Control Sample Dup	93							
LCSD 570-512890/35	Lab Control Sample Dup	92							
MB 570-512317/33	Method Blank	71							
MB 570-512317/34	Method Blank	62							
MB 570-512397/30	Method Blank	104							
MB 570-512651/6	Method Blank	69							
MB 570-512651/7	Method Blank	63							
MB 570-512890/36	Method Blank	67							
MB 570-512890/37	Method Blank	64							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (20-144)
570-209997-28	EB-20241206	88
LCS 570-511806/32	Lab Control Sample	94
LCSD 570-511806/33	Lab Control Sample Dup	93
MB 570-511806/34	Method Blank	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-209997-1	SB25-2.0	114
570-209997-2	SB25-5.0	112
570-209997-3	SB25-15.0	111
570-209997-4 - DL	SB27-1.0	159 S1+
570-209997-5	SB27-5.0	113
570-209997-6	SB27-15.0	115
570-209997-7	SB26-2.0	104
570-209997-8	SB26-5.0	97
570-209997-9	SB26-15.0	95
570-209997-10	SB42-2.0	94
570-209997-11	SB42-5.0	96
570-209997-12	SB42-15.0	94
570-209997-13 - DL	SB44-2.0	104
570-209997-14	SB44-5.0	94
570-209997-15	SB44-15.0	79
570-209997-16	SB48-2.0	91
570-209997-17	SB48-5.0	96
570-209997-18	SB48-15.0	102
570-209997-20	SB49-2.0	96
570-209997-21	SB49-5.0	95
570-209997-22	SB45-1.0	87
570-209997-23	SB45-5.0	91
570-209997-24	SB45-15.0	87
570-209997-25	SB39-2.0	156 S1+
570-209997-26	SB39-5.0	94
570-209997-27	SB39-15.0	62
570-209997-27 MS	SB39-15.0	68
570-209997-27 MSD	SB39-15.0	65
LCS 570-512153/2-A	Lab Control Sample	96
LCS 570-512176/2-A	Lab Control Sample	102
LCSD 570-512153/3-A	Lab Control Sample Dup	94
LCSD 570-512176/3-A	Lab Control Sample Dup	103
MB 570-512153/1-A	Method Blank	106
MB 570-512176/1-A	Method Blank	104

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)								
570-209997-28	EB-20241206	96								
LCS 570-512704/2-A	Lab Control Sample	111								
LCS 570-512704/4-A	Lab Control Sample	70								
LCSD 570-512704/3-A	Lab Control Sample Dup	103								
LCSD 570-512704/5-A	Lab Control Sample Dup	98								
MB 570-512704/1-A	Method Blank	100								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-511477/11
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.36	ug/L			12/09/24 11:34	1
1,1,1-Trichloroethane	ND		1.0	0.36	ug/L			12/09/24 11:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.31	ug/L			12/09/24 11:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	2.5	ug/L			12/09/24 11:34	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/09/24 11:34	1
1,1-Dichloroethane	ND		1.0	0.34	ug/L			12/09/24 11:34	1
1,1-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 11:34	1
1,1-Dichloropropene	ND		1.0	0.41	ug/L			12/09/24 11:34	1
1,2,3-Trichlorobenzene	ND		1.0	0.59	ug/L			12/09/24 11:34	1
1,2,3-Trichloropropane	ND		5.0	0.42	ug/L			12/09/24 11:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.71	ug/L			12/09/24 11:34	1
1,2,4-Trimethylbenzene	ND		1.0	0.34	ug/L			12/09/24 11:34	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			12/09/24 11:34	1
1,2-Dibromoethane	ND		1.0	0.41	ug/L			12/09/24 11:34	1
1,2-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 11:34	1
1,2-Dichloroethane	ND		0.50	0.25	ug/L			12/09/24 11:34	1
1,2-Dichloropropane	ND		1.0	0.42	ug/L			12/09/24 11:34	1
1,3,5-Trimethylbenzene	ND		1.0	0.50	ug/L			12/09/24 11:34	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			12/09/24 11:34	1
1,3-Dichloropropane	ND		1.0	0.32	ug/L			12/09/24 11:34	1
1,4-Dichlorobenzene	ND		1.0	0.28	ug/L			12/09/24 11:34	1
2,2-Dichloropropane	ND		1.0	0.50	ug/L			12/09/24 11:34	1
2-Butanone (MEK)	ND		10	4.5	ug/L			12/09/24 11:34	1
2-Chlorotoluene	ND		1.0	0.33	ug/L			12/09/24 11:34	1
2-Hexanone	ND		10	2.7	ug/L			12/09/24 11:34	1
4-Chlorotoluene	ND		1.0	0.35	ug/L			12/09/24 11:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	3.2	ug/L			12/09/24 11:34	1
Acetone	ND		10	7.4	ug/L			12/09/24 11:34	1
Benzene	ND		0.50	0.24	ug/L			12/09/24 11:34	1
Bromobenzene	ND		1.0	0.29	ug/L			12/09/24 11:34	1
Bromochloromethane	ND		2.0	0.38	ug/L			12/09/24 11:34	1
Bromodichloromethane	ND		1.0	0.29	ug/L			12/09/24 11:34	1
Bromoform	ND		5.0	1.9	ug/L			12/09/24 11:34	1
Bromomethane	ND		25	7.4	ug/L			12/09/24 11:34	1
cis-1,2-Dichloroethene	ND		1.0	0.39	ug/L			12/09/24 11:34	1
cis-1,3-Dichloropropene	ND		0.50	0.26	ug/L			12/09/24 11:34	1
Carbon disulfide	ND		10	0.42	ug/L			12/09/24 11:34	1
Carbon tetrachloride	ND		0.50	0.37	ug/L			12/09/24 11:34	1
Chlorobenzene	ND		1.0	0.26	ug/L			12/09/24 11:34	1
Chloroethane	ND		5.0	1.9	ug/L			12/09/24 11:34	1
Chloroform	ND		1.0	0.32	ug/L			12/09/24 11:34	1
Chloromethane	ND		10	2.2	ug/L			12/09/24 11:34	1
Dibromochloromethane	ND		2.0	0.37	ug/L			12/09/24 11:34	1
Dibromomethane	ND		1.0	0.33	ug/L			12/09/24 11:34	1
Dichlorodifluoromethane	ND		5.0	0.62	ug/L			12/09/24 11:34	1
Di-isopropyl ether (DIPE)	ND		2.0	0.33	ug/L			12/09/24 11:34	1
Ethanol	ND		100	52	ug/L			12/09/24 11:34	1
Ethylbenzene	ND		1.0	0.30	ug/L			12/09/24 11:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511477/11
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/09/24 11:34	1
Isopropylbenzene	ND		1.0	0.41	ug/L			12/09/24 11:34	1
Methylene Chloride	ND		10	3.0	ug/L			12/09/24 11:34	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.30	ug/L			12/09/24 11:34	1
Naphthalene	ND		10	4.9	ug/L			12/09/24 11:34	1
n-Butylbenzene	ND		1.0	0.53	ug/L			12/09/24 11:34	1
N-Propylbenzene	ND		1.0	0.47	ug/L			12/09/24 11:34	1
o-Xylene	ND		1.0	0.27	ug/L			12/09/24 11:34	1
m,p-Xylene	ND		2.0	0.49	ug/L			12/09/24 11:34	1
p-Isopropyltoluene	ND		1.0	0.47	ug/L			12/09/24 11:34	1
sec-Butylbenzene	ND		1.0	0.37	ug/L			12/09/24 11:34	1
Styrene	ND		1.0	0.38	ug/L			12/09/24 11:34	1
trans-1,2-Dichloroethene	ND		1.0	0.42	ug/L			12/09/24 11:34	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/09/24 11:34	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.39	ug/L			12/09/24 11:34	1
tert-Butyl alcohol (TBA)	ND		10	2.7	ug/L			12/09/24 11:34	1
tert-Butylbenzene	ND		1.0	0.38	ug/L			12/09/24 11:34	1
Tetrachloroethene	ND		1.0	0.40	ug/L			12/09/24 11:34	1
Toluene	ND		1.0	0.30	ug/L			12/09/24 11:34	1
Trichloroethene	ND		1.0	0.39	ug/L			12/09/24 11:34	1
Trichlorofluoromethane	ND		10	0.75	ug/L			12/09/24 11:34	1
Vinyl acetate	ND		10	5.0	ug/L			12/09/24 11:34	1
Vinyl chloride	ND		0.50	0.43	ug/L			12/09/24 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 123*		*12/09/24 11:34*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*12/09/24 11:34*	*1*
Dibromofluoromethane (Surr)	*95*		*78 - 120*		*12/09/24 11:34*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/09/24 11:34*	*1*

Lab Sample ID: LCS 570-511477/1007
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.07		ug/L		95	80 - 122
1,1,1-Trichloroethane	20.0	17.87		ug/L		89	78 - 125
1,1,2,2-Tetrachloroethane	20.0	18.80		ug/L		94	79 - 127
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.39		ug/L		92	72 - 138
1,1,2-Trichloroethane	20.0	19.25		ug/L		96	80 - 124
1,1-Dichloroethane	20.0	18.13		ug/L		91	80 - 127
1,1-Dichloroethene	20.0	19.75		ug/L		99	80 - 133
1,1-Dichloropropene	20.0	19.01		ug/L		95	79 - 126
1,2,3-Trichlorobenzene	20.0	18.90		ug/L		95	79 - 128
1,2,3-Trichloropropane	20.0	18.64		ug/L		93	71 - 128
1,2,4-Trichlorobenzene	20.0	18.18		ug/L		91	77 - 126
1,2,4-Trimethylbenzene	20.0	18.42		ug/L		92	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	15.72		ug/L		79	66 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511477/1007
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	20.0	19.33		ug/L		97	80 - 120
1,2-Dichlorobenzene	20.0	18.83		ug/L		94	80 - 121
1,2-Dichloroethane	20.0	19.69		ug/L		98	77 - 122
1,2-Dichloropropane	20.0	19.33		ug/L		97	80 - 122
1,3,5-Trimethylbenzene	20.0	19.56		ug/L		98	80 - 123
1,3-Dichlorobenzene	20.0	18.52		ug/L		93	80 - 120
1,3-Dichloropropane	20.0	20.11		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	18.48		ug/L		92	80 - 120
2,2-Dichloropropane	20.0	14.22		ug/L		71	68 - 143
2-Butanone (MEK)	20.0	19.04		ug/L		95	61 - 139
2-Chlorotoluene	20.0	18.83		ug/L		94	80 - 121
2-Hexanone	20.0	16.91		ug/L		85	63 - 134
4-Chlorotoluene	20.0	17.65		ug/L		88	80 - 121
4-Methyl-2-pentanone (MIBK)	20.0	17.30		ug/L		87	67 - 125
Acetone	20.0	15.95		ug/L		80	45 - 150
Benzene	20.0	19.98		ug/L		100	80 - 121
Bromobenzene	20.0	20.34		ug/L		102	80 - 120
Bromochloromethane	20.0	19.26		ug/L		96	80 - 121
Bromodichloromethane	20.0	19.29		ug/L		96	80 - 121
Bromoform	20.0	19.15		ug/L		96	78 - 124
Bromomethane	20.0	20.35	J	ug/L		102	48 - 156
cis-1,2-Dichloroethene	20.0	18.54		ug/L		93	80 - 125
cis-1,3-Dichloropropene	20.0	19.63		ug/L		98	80 - 120
Carbon disulfide	20.0	18.53		ug/L		93	76 - 129
Carbon tetrachloride	20.0	18.53		ug/L		93	71 - 137
Chlorobenzene	20.0	20.22		ug/L		101	80 - 120
Chloroethane	20.0	18.78		ug/L		94	73 - 138
Chloroform	20.0	18.82		ug/L		94	80 - 121
Chloromethane	20.0	18.75		ug/L		94	57 - 138
Dibromochloromethane	20.0	19.45		ug/L		97	80 - 126
Dibromomethane	20.0	20.39		ug/L		102	80 - 120
Dichlorodifluoromethane	20.0	16.80		ug/L		84	44 - 148
Di-isopropyl ether (DIPE)	20.0	18.68		ug/L		93	75 - 134
Ethanol	200	274.3		ug/L		137	50 - 168
Ethylbenzene	20.0	19.87		ug/L		99	80 - 121
Isopropylbenzene	20.0	18.08		ug/L		90	80 - 121
Methylene Chloride	20.0	18.76		ug/L		94	80 - 121
Methyl-t-Butyl Ether (MTBE)	20.0	16.72		ug/L		84	78 - 123
Naphthalene	20.0	19.28		ug/L		96	65 - 133
n-Butylbenzene	20.0	18.02		ug/L		90	80 - 125
N-Propylbenzene	20.0	19.57		ug/L		98	80 - 125
o-Xylene	20.0	19.82		ug/L		99	80 - 122
m,p-Xylene	40.0	40.22		ug/L		101	80 - 123
p-Isopropyltoluene	20.0	18.29		ug/L		91	80 - 124
sec-Butylbenzene	20.0	17.43		ug/L		87	80 - 122
Styrene	20.0	19.48		ug/L		97	80 - 120
trans-1,2-Dichloroethene	20.0	18.55		ug/L		93	80 - 122
Tert-amyl-methyl ether (TAME)	20.0	16.15		ug/L		81	74 - 125
tert-Butyl alcohol (TBA)	100	93.29		ug/L		93	70 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511477/1007
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	20.0	18.93		ug/L		95	80 - 122
Tetrachloroethene	20.0	20.35		ug/L		102	80 - 122
Toluene	20.0	20.00		ug/L		100	80 - 120
Trichloroethene	20.0	18.99		ug/L		95	80 - 120
Trichlorofluoromethane	20.0	18.29		ug/L		91	67 - 142
Vinyl acetate	20.0	13.40		ug/L		67	62 - 140
Vinyl chloride	20.0	19.01		ug/L		95	66 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*78 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 570-511477/8
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	19.14		ug/L		96	80 - 122	0	20
1,1,1-Trichloroethane	20.0	17.06		ug/L		85	78 - 125	5	20
1,1,2,2-Tetrachloroethane	20.0	19.54		ug/L		98	79 - 127	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.95		ug/L		90	72 - 138	2	20
1,1,2-Trichloroethane	20.0	19.65		ug/L		98	80 - 124	2	20
1,1-Dichloroethane	20.0	17.42		ug/L		87	80 - 127	4	20
1,1-Dichloroethene	20.0	18.92		ug/L		95	80 - 133	4	20
1,1-Dichloropropene	20.0	18.13		ug/L		91	79 - 126	5	20
1,2,3-Trichlorobenzene	20.0	19.40		ug/L		97	79 - 128	3	20
1,2,3-Trichloropropane	20.0	18.66		ug/L		93	71 - 128	0	20
1,2,4-Trichlorobenzene	20.0	18.69		ug/L		93	77 - 126	3	20
1,2,4-Trimethylbenzene	20.0	17.93		ug/L		90	80 - 121	3	20
1,2-Dibromo-3-Chloropropane	20.0	15.87		ug/L		79	66 - 122	1	20
1,2-Dibromoethane	20.0	19.16		ug/L		96	80 - 120	1	20
1,2-Dichlorobenzene	20.0	19.14		ug/L		96	80 - 121	2	20
1,2-Dichloroethane	20.0	19.12		ug/L		96	77 - 122	3	20
1,2-Dichloropropane	20.0	19.19		ug/L		96	80 - 122	1	20
1,3,5-Trimethylbenzene	20.0	19.15		ug/L		96	80 - 123	2	20
1,3-Dichlorobenzene	20.0	18.81		ug/L		94	80 - 120	2	20
1,3-Dichloropropane	20.0	19.68		ug/L		98	80 - 121	2	20
1,4-Dichlorobenzene	20.0	18.58		ug/L		93	80 - 120	1	20
2,2-Dichloropropane	20.0	13.74		ug/L		69	68 - 143	3	20
2-Butanone (MEK)	20.0	18.56		ug/L		93	61 - 139	3	25
2-Chlorotoluene	20.0	18.95		ug/L		95	80 - 121	1	20
2-Hexanone	20.0	16.36		ug/L		82	63 - 134	3	21
4-Chlorotoluene	20.0	17.17		ug/L		86	80 - 121	3	20
4-Methyl-2-pentanone (MIBK)	20.0	16.66		ug/L		83	67 - 125	4	20
Acetone	20.0	15.60		ug/L		78	45 - 150	2	23
Benzene	20.0	19.91		ug/L		100	80 - 121	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511477/8
Matrix: Water
Analysis Batch: 511477

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromobenzene			20.0	20.38		ug/L		102	80 - 120	0	20
Bromochloromethane			20.0	18.99		ug/L		95	80 - 121	1	20
Bromodichloromethane			20.0	19.08		ug/L		95	80 - 121	1	20
Bromoform			20.0	19.15		ug/L		96	78 - 124	0	20
Bromomethane			20.0	18.63	J	ug/L		93	48 - 156	9	21
cis-1,2-Dichloroethene			20.0	18.31		ug/L		92	80 - 125	1	20
cis-1,3-Dichloropropene			20.0	19.53		ug/L		98	80 - 120	1	20
Carbon disulfide			20.0	17.58		ug/L		88	76 - 129	5	20
Carbon tetrachloride			20.0	18.27		ug/L		91	71 - 137	1	20
Chlorobenzene			20.0	19.86		ug/L		99	80 - 120	2	20
Chloroethane			20.0	17.86		ug/L		89	73 - 138	5	20
Chloroform			20.0	17.82		ug/L		89	80 - 121	5	20
Chloromethane			20.0	17.83		ug/L		89	57 - 138	5	20
Dibromochloromethane			20.0	19.30		ug/L		96	80 - 126	1	20
Dibromomethane			20.0	19.88		ug/L		99	80 - 120	3	20
Dichlorodifluoromethane			20.0	16.24		ug/L		81	44 - 148	3	28
Di-isopropyl ether (DIPE)			20.0	18.27		ug/L		91	75 - 134	2	20
Ethanol			200	265.7		ug/L		133	50 - 168	3	29
Ethylbenzene			20.0	19.52		ug/L		98	80 - 121	2	20
Isopropylbenzene			20.0	17.80		ug/L		89	80 - 121	2	20
Methylene Chloride			20.0	18.08		ug/L		90	80 - 121	4	20
Methyl-t-Butyl Ether (MTBE)			20.0	16.61		ug/L		83	78 - 123	1	20
Naphthalene			20.0	19.73		ug/L		99	65 - 133	2	20
n-Butylbenzene			20.0	18.11		ug/L		91	80 - 125	0	20
N-Propylbenzene			20.0	19.54		ug/L		98	80 - 125	0	20
o-Xylene			20.0	19.44		ug/L		97	80 - 122	2	20
m,p-Xylene			40.0	39.07		ug/L		98	80 - 123	3	20
p-Isopropyltoluene			20.0	18.00		ug/L		90	80 - 124	2	20
sec-Butylbenzene			20.0	17.15		ug/L		86	80 - 122	2	20
Styrene			20.0	19.36		ug/L		97	80 - 120	1	20
trans-1,2-Dichloroethene			20.0	17.60		ug/L		88	80 - 122	5	20
Tert-amyl-methyl ether (TAME)			20.0	16.35		ug/L		82	74 - 125	1	20
tert-Butyl alcohol (TBA)			100	88.73		ug/L		89	70 - 141	5	20
tert-Butylbenzene			20.0	18.58		ug/L		93	80 - 122	2	20
Tetrachloroethene			20.0	20.21		ug/L		101	80 - 122	1	20
Toluene			20.0	19.35		ug/L		97	80 - 120	3	20
Trichloroethene			20.0	18.37		ug/L		92	80 - 120	3	20
Trichlorofluoromethane			20.0	17.43		ug/L		87	67 - 142	5	20
Vinyl acetate			20.0	15.30		ug/L		77	62 - 140	13	21
Vinyl chloride			20.0	18.08		ug/L		90	66 - 136	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 123*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*78 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511762/5
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/09/24 22:37	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/09/24 22:37	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/09/24 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/09/24 22:37	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/09/24 22:37	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/09/24 22:37	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/09/24 22:37	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/09/24 22:37	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/09/24 22:37	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/09/24 22:37	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/09/24 22:37	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/09/24 22:37	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/09/24 22:37	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/09/24 22:37	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 22:37	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/09/24 22:37	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/09/24 22:37	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/09/24 22:37	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 22:37	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/09/24 22:37	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/09/24 22:37	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/09/24 22:37	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/09/24 22:37	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/09/24 22:37	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/09/24 22:37	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/09/24 22:37	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/09/24 22:37	1
Acetone	ND		0.020	0.0098	mg/Kg			12/09/24 22:37	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/09/24 22:37	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 22:37	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/09/24 22:37	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/09/24 22:37	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/09/24 22:37	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/09/24 22:37	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/09/24 22:37	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/09/24 22:37	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/09/24 22:37	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/09/24 22:37	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/09/24 22:37	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/09/24 22:37	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/09/24 22:37	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/09/24 22:37	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/09/24 22:37	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/09/24 22:37	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/09/24 22:37	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/09/24 22:37	1
Ethanol	ND		0.25	0.092	mg/Kg			12/09/24 22:37	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 22:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511762/5
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/09/24 22:37	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/09/24 22:37	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/09/24 22:37	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/09/24 22:37	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/09/24 22:37	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 22:37	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/09/24 22:37	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/09/24 22:37	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/09/24 22:37	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/09/24 22:37	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/09/24 22:37	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/09/24 22:37	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/09/24 22:37	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/09/24 22:37	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/09/24 22:37	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/09/24 22:37	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 22:37	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/09/24 22:37	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/09/24 22:37	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/09/24 22:37	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/09/24 22:37	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/09/24 22:37	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/09/24 22:37	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/09/24 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*		*12/09/24 22:37*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*12/09/24 22:37*	*1*
Dibromofluoromethane (Surr)	*99*		*58 - 147*		*12/09/24 22:37*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/09/24 22:37*	*1*

Lab Sample ID: MB 570-511762/6
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/09/24 22:59	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/09/24 22:59	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/09/24 22:59	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/09/24 22:59	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/09/24 22:59	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/09/24 22:59	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/09/24 22:59	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/09/24 22:59	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/09/24 22:59	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511762/6
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/09/24 22:59	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/09/24 22:59	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/09/24 22:59	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/09/24 22:59	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/09/24 22:59	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/09/24 22:59	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/09/24 22:59	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/09/24 22:59	50
Acetone	ND		1.0	0.49	mg/Kg			12/09/24 22:59	50
Benzene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/09/24 22:59	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/09/24 22:59	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/09/24 22:59	50
Bromoform	ND		0.25	0.066	mg/Kg			12/09/24 22:59	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/09/24 22:59	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/09/24 22:59	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/09/24 22:59	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/09/24 22:59	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
Chloroethane	ND		0.10	0.037	mg/Kg			12/09/24 22:59	50
Chloroform	ND		0.050	0.029	mg/Kg			12/09/24 22:59	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/09/24 22:59	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/09/24 22:59	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/09/24 22:59	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/09/24 22:59	50
Ethanol	ND		13	4.6	mg/Kg			12/09/24 22:59	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/09/24 22:59	50
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/09/24 22:59	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/09/24 22:59	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/09/24 22:59	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/09/24 22:59	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/09/24 22:59	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/09/24 22:59	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/09/24 22:59	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/09/24 22:59	50
Styrene	ND		0.050	0.016	mg/Kg			12/09/24 22:59	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/09/24 22:59	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511762/6
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/09/24 22:59	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/09/24 22:59	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/09/24 22:59	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/09/24 22:59	50
Toluene	ND		0.050	0.013	mg/Kg			12/09/24 22:59	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/09/24 22:59	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/09/24 22:59	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/09/24 22:59	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/09/24 22:59	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/09/24 22:59	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*		*12/09/24 22:59*	*50*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/09/24 22:59*	*50*
Dibromofluoromethane (Surr)	*96*		*58 - 147*		*12/09/24 22:59*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/09/24 22:59*	*50*

Lab Sample ID: LCS 570-511762/3
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05274		mg/Kg		105	80 - 125
1,1,1-Trichloroethane	0.0500	0.05215		mg/Kg		104	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04892		mg/Kg		98	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05516		mg/Kg		110	73 - 130
1,1,2-Trichloroethane	0.0500	0.05091		mg/Kg		102	80 - 123
1,1-Dichloroethane	0.0500	0.05241		mg/Kg		105	79 - 124
1,1-Dichloroethene	0.0500	0.05171		mg/Kg		103	74 - 132
1,1-Dichloropropene	0.0500	0.05304		mg/Kg		106	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05295		mg/Kg		106	80 - 123
1,2,3-Trichloropropane	0.0500	0.04960		mg/Kg		99	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05520		mg/Kg		110	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05261		mg/Kg		105	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05319		mg/Kg		106	67 - 120
1,2-Dibromoethane	0.0500	0.04984		mg/Kg		100	80 - 120
1,2-Dichlorobenzene	0.0500	0.05098		mg/Kg		102	80 - 120
1,2-Dichloroethane	0.0500	0.04905		mg/Kg		98	77 - 120
1,2-Dichloropropane	0.0500	0.05131		mg/Kg		103	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05165		mg/Kg		103	80 - 121
1,3-Dichlorobenzene	0.0500	0.05106		mg/Kg		102	80 - 120
1,3-Dichloropropane	0.0500	0.05070		mg/Kg		101	80 - 120
1,4-Dichlorobenzene	0.0500	0.05040		mg/Kg		101	80 - 120
2,2-Dichloropropane	0.0500	0.05458		mg/Kg		109	73 - 135
2-Butanone (MEK)	0.0500	0.04585		mg/Kg		92	67 - 136
2-Chlorotoluene	0.0500	0.05052		mg/Kg		101	80 - 120
2-Hexanone	0.0500	0.04842		mg/Kg		97	70 - 137

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511762/3
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorotoluene	0.0500	0.05094		mg/Kg		102	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05259		mg/Kg		105	74 - 124
Acetone	0.0500	0.04695		mg/Kg		94	61 - 142
Benzene	0.0500	0.05098		mg/Kg		102	80 - 120
Bromobenzene	0.0500	0.05156		mg/Kg		103	80 - 120
Bromochloromethane	0.0500	0.05302		mg/Kg		106	80 - 120
Bromodichloromethane	0.0500	0.05128		mg/Kg		103	80 - 125
Bromoform	0.0500	0.05116		mg/Kg		102	74 - 138
Bromomethane	0.0500	0.04875		mg/Kg		98	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05144		mg/Kg		103	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05309		mg/Kg		106	80 - 123
Carbon disulfide	0.0500	0.04951		mg/Kg		99	68 - 128
Carbon tetrachloride	0.0500	0.05126		mg/Kg		103	75 - 140
Chlorobenzene	0.0500	0.05061		mg/Kg		101	80 - 120
Chloroethane	0.0500	0.05481		mg/Kg		110	76 - 137
Chloroform	0.0500	0.05123		mg/Kg		102	80 - 121
Chloromethane	0.0500	0.04451		mg/Kg		89	74 - 133
Dibromochloromethane	0.0500	0.05048		mg/Kg		101	80 - 132
Dibromomethane	0.0500	0.04902		mg/Kg		98	80 - 120
Dichlorodifluoromethane	0.0500	0.04430		mg/Kg		89	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05067		mg/Kg		101	73 - 132
Ethanol	0.500	0.4217		mg/Kg		84	46 - 159
Ethylbenzene	0.0500	0.05145		mg/Kg		103	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05480		mg/Kg		110	77 - 129
Isopropylbenzene	0.0500	0.05232		mg/Kg		105	80 - 122
Methylene Chloride	0.0500	0.04043		mg/Kg		81	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.05569		mg/Kg		111	79 - 123
Naphthalene	0.0500	0.05391		mg/Kg		108	79 - 121
n-Butylbenzene	0.0500	0.05432		mg/Kg		109	79 - 131
N-Propylbenzene	0.0500	0.05124		mg/Kg		102	80 - 122
o-Xylene	0.0500	0.05160		mg/Kg		103	80 - 120
m,p-Xylene	0.100	0.1055		mg/Kg		106	80 - 120
p-Isopropyltoluene	0.0500	0.05287		mg/Kg		106	80 - 126
sec-Butylbenzene	0.0500	0.05263		mg/Kg		105	80 - 125
Styrene	0.0500	0.05201		mg/Kg		104	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05233		mg/Kg		105	75 - 123
trans-1,3-Dichloropropene	0.0500	0.05427		mg/Kg		109	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.05570		mg/Kg		111	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2592		mg/Kg		104	74 - 123
tert-Butylbenzene	0.0500	0.05296		mg/Kg		106	80 - 124
Tetrachloroethene	0.0500	0.05160		mg/Kg		103	80 - 122
Toluene	0.0500	0.05081		mg/Kg		102	80 - 120
Trichloroethene	0.0500	0.05144		mg/Kg		103	80 - 127
Trichlorofluoromethane	0.0500	0.05170		mg/Kg		103	70 - 144
Vinyl acetate	0.0500	0.05261		mg/Kg		105	71 - 125
Vinyl chloride	0.0500	0.05215		mg/Kg		104	79 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511762/3
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		32 - 179
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	101		58 - 147
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 570-511762/4
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05359		mg/Kg		107	80 - 125	2	20
1,1,1-Trichloroethane			0.0500	0.05104		mg/Kg		102	78 - 130	2	20
1,1,2,2-Tetrachloroethane			0.0500	0.05042		mg/Kg		101	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05238		mg/Kg		105	73 - 130	5	20
1,1,2-Trichloroethane			0.0500	0.05063		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.05181		mg/Kg		104	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.05035		mg/Kg		101	74 - 132	3	20
1,1-Dichloropropene			0.0500	0.05268		mg/Kg		105	78 - 130	1	20
1,2,3-Trichlorobenzene			0.0500	0.04913		mg/Kg		98	80 - 123	7	20
1,2,3-Trichloropropane			0.0500	0.04996		mg/Kg		100	79 - 120	1	20
1,2,4-Trichlorobenzene			0.0500	0.05013		mg/Kg		100	80 - 125	10	20
1,2,4-Trimethylbenzene			0.0500	0.05163		mg/Kg		103	80 - 124	2	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05072		mg/Kg		101	67 - 120	5	20
1,2-Dibromoethane			0.0500	0.04938		mg/Kg		99	80 - 120	1	20
1,2-Dichlorobenzene			0.0500	0.04945		mg/Kg		99	80 - 120	3	20
1,2-Dichloroethane			0.0500	0.04853		mg/Kg		97	77 - 120	1	20
1,2-Dichloropropane			0.0500	0.05062		mg/Kg		101	80 - 126	1	20
1,3,5-Trimethylbenzene			0.0500	0.05195		mg/Kg		104	80 - 121	1	20
1,3-Dichlorobenzene			0.0500	0.04905		mg/Kg		98	80 - 120	4	20
1,3-Dichloropropane			0.0500	0.05145		mg/Kg		103	80 - 120	1	20
1,4-Dichlorobenzene			0.0500	0.04856		mg/Kg		97	80 - 120	4	20
2,2-Dichloropropane			0.0500	0.05441		mg/Kg		109	73 - 135	0	20
2-Butanone (MEK)			0.0500	0.04988		mg/Kg		100	67 - 136	8	20
2-Chlorotoluene			0.0500	0.05107		mg/Kg		102	80 - 120	1	20
2-Hexanone			0.0500	0.04837		mg/Kg		97	70 - 137	0	20
4-Chlorotoluene			0.0500	0.04914		mg/Kg		98	80 - 121	4	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.05038		mg/Kg		101	74 - 124	4	20
Acetone			0.0500	0.04764		mg/Kg		95	61 - 142	1	23
Benzene			0.0500	0.05047		mg/Kg		101	80 - 120	1	20
Bromobenzene			0.0500	0.05250		mg/Kg		105	80 - 120	2	20
Bromochloromethane			0.0500	0.05194		mg/Kg		104	80 - 120	2	20
Bromodichloromethane			0.0500	0.05106		mg/Kg		102	80 - 125	0	20
Bromoform			0.0500	0.05163		mg/Kg		103	74 - 138	1	20
Bromomethane			0.0500	0.04780		mg/Kg		96	58 - 136	2	20
cis-1,2-Dichloroethene			0.0500	0.05073		mg/Kg		101	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05340		mg/Kg		107	80 - 123	1	20
Carbon disulfide			0.0500	0.04921		mg/Kg		98	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05055		mg/Kg		101	75 - 140	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511762/4
Matrix: Solid
Analysis Batch: 511762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene			0.0500	0.04972		mg/Kg		99	80 - 120	2	20
Chloroethane			0.0500	0.05250		mg/Kg		105	76 - 137	4	20
Chloroform			0.0500	0.05076		mg/Kg		102	80 - 121	1	20
Chloromethane			0.0500	0.04559		mg/Kg		91	74 - 133	2	20
Dibromochloromethane			0.0500	0.05149		mg/Kg		103	80 - 132	2	20
Dibromomethane			0.0500	0.04927		mg/Kg		99	80 - 120	1	20
Dichlorodifluoromethane			0.0500	0.04474		mg/Kg		89	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.05213		mg/Kg		104	73 - 132	3	20
Ethanol			0.500	0.5355		mg/Kg		107	46 - 159	24	30
Ethylbenzene			0.0500	0.05113		mg/Kg		102	80 - 120	1	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.05582		mg/Kg		112	77 - 129	2	20
Isopropylbenzene			0.0500	0.05251		mg/Kg		105	80 - 122	0	20
Methylene Chloride			0.0500	0.04018		mg/Kg		80	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.05386		mg/Kg		108	79 - 123	3	20
Naphthalene			0.0500	0.05166		mg/Kg		103	79 - 121	4	20
n-Butylbenzene			0.0500	0.05179		mg/Kg		104	79 - 131	5	20
N-Propylbenzene			0.0500	0.05126		mg/Kg		103	80 - 122	0	20
o-Xylene			0.0500	0.05153		mg/Kg		103	80 - 120	0	20
m,p-Xylene			0.100	0.1053		mg/Kg		105	80 - 120	0	20
p-Isopropyltoluene			0.0500	0.05155		mg/Kg		103	80 - 126	3	20
sec-Butylbenzene			0.0500	0.05193		mg/Kg		104	80 - 125	1	20
Styrene			0.0500	0.05143		mg/Kg		103	80 - 120	1	20
trans-1,2-Dichloroethene			0.0500	0.04990		mg/Kg		100	75 - 123	5	20
trans-1,3-Dichloropropene			0.0500	0.05456		mg/Kg		109	80 - 124	1	20
Tert-amyl-methyl ether (TAME)			0.0500	0.05643		mg/Kg		113	80 - 120	1	20
tert-Butyl alcohol (TBA)			0.250	0.2517		mg/Kg		101	74 - 123	3	20
tert-Butylbenzene			0.0500	0.05155		mg/Kg		103	80 - 124	3	20
Tetrachloroethene			0.0500	0.05182		mg/Kg		104	80 - 122	0	20
Toluene			0.0500	0.05068		mg/Kg		101	80 - 120	0	20
Trichloroethene			0.0500	0.05025		mg/Kg		100	80 - 127	2	20
Trichlorofluoromethane			0.0500	0.05175		mg/Kg		103	70 - 144	0	20
Vinyl acetate			0.0500	0.05365		mg/Kg		107	71 - 125	2	20
Vinyl chloride			0.0500	0.05162		mg/Kg		103	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-511764/5
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/09/24 21:10	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/09/24 21:10	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/09/24 21:10	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511764/5
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/09/24 21:10	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/09/24 21:10	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/09/24 21:10	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/09/24 21:10	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/09/24 21:10	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/09/24 21:10	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/09/24 21:10	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/09/24 21:10	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/09/24 21:10	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/09/24 21:10	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/09/24 21:10	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 21:10	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/09/24 21:10	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/09/24 21:10	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/09/24 21:10	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 21:10	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/09/24 21:10	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/09/24 21:10	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/09/24 21:10	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/09/24 21:10	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/09/24 21:10	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/09/24 21:10	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/09/24 21:10	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/09/24 21:10	1
Acetone	ND		0.020	0.0098	mg/Kg			12/09/24 21:10	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/09/24 21:10	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 21:10	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/09/24 21:10	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/09/24 21:10	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/09/24 21:10	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/09/24 21:10	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/09/24 21:10	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/09/24 21:10	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/09/24 21:10	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/09/24 21:10	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/09/24 21:10	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/09/24 21:10	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/09/24 21:10	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/09/24 21:10	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/09/24 21:10	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/09/24 21:10	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/09/24 21:10	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/09/24 21:10	1
Ethanol	ND		0.25	0.092	mg/Kg			12/09/24 21:10	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 21:10	1
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/09/24 21:10	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/09/24 21:10	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/09/24 21:10	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/09/24 21:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511764/5
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.010	0.0039	mg/Kg			12/09/24 21:10	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/09/24 21:10	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/09/24 21:10	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/09/24 21:10	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/09/24 21:10	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/09/24 21:10	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/09/24 21:10	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/09/24 21:10	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/09/24 21:10	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/09/24 21:10	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/09/24 21:10	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/09/24 21:10	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/09/24 21:10	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/09/24 21:10	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/09/24 21:10	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/09/24 21:10	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/09/24 21:10	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/09/24 21:10	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/09/24 21:10	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/09/24 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*		*12/09/24 21:10*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/09/24 21:10*	*1*
Dibromofluoromethane (Surr)	*93*		*58 - 147*		*12/09/24 21:10*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/09/24 21:10*	*1*

Lab Sample ID: LCS 570-511764/3
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05278		mg/Kg		106	80 - 125
1,1,1-Trichloroethane	0.0500	0.04529		mg/Kg		91	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04347		mg/Kg		87	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.04534		mg/Kg		91	73 - 130
1,1,2-Trichloroethane	0.0500	0.04697		mg/Kg		94	80 - 123
1,1-Dichloroethane	0.0500	0.04431		mg/Kg		89	79 - 124
1,1-Dichloroethene	0.0500	0.04418		mg/Kg		88	74 - 132
1,1-Dichloropropene	0.0500	0.04316		mg/Kg		86	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05310		mg/Kg		106	80 - 123
1,2,3-Trichloropropane	0.0500	0.04545		mg/Kg		91	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05221		mg/Kg		104	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04533		mg/Kg		91	80 - 124
1,2-Dibromo-3-Chloropropane	0.0500	0.05166		mg/Kg		103	67 - 120
1,2-Dibromoethane	0.0500	0.04692		mg/Kg		94	80 - 120
1,2-Dichlorobenzene	0.0500	0.04518		mg/Kg		90	80 - 120
1,2-Dichloroethane	0.0500	0.04482		mg/Kg		90	77 - 120

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511764/3
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.0500	0.04780		mg/Kg		96	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04432		mg/Kg		89	80 - 121
1,3-Dichlorobenzene	0.0500	0.04531		mg/Kg		91	80 - 120
1,3-Dichloropropane	0.0500	0.04549		mg/Kg		91	80 - 120
1,4-Dichlorobenzene	0.0500	0.04463		mg/Kg		89	80 - 120
2,2-Dichloropropane	0.0500	0.04772		mg/Kg		95	73 - 135
2-Butanone (MEK)	0.0500	0.04448		mg/Kg		89	67 - 136
2-Chlorotoluene	0.0500	0.04319		mg/Kg		86	80 - 120
2-Hexanone	0.0500	0.04635		mg/Kg		93	70 - 137
4-Chlorotoluene	0.0500	0.04436		mg/Kg		89	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04744		mg/Kg		95	74 - 124
Acetone	0.0500	0.04235		mg/Kg		85	61 - 142
Benzene	0.0500	0.04482		mg/Kg		90	80 - 120
Bromobenzene	0.0500	0.04726		mg/Kg		95	80 - 120
Bromochloromethane	0.0500	0.04605		mg/Kg		92	80 - 120
Bromodichloromethane	0.0500	0.04841		mg/Kg		97	80 - 125
Bromoform	0.0500	0.05486		mg/Kg		110	74 - 138
Bromomethane	0.0500	0.03993		mg/Kg		80	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04328		mg/Kg		87	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05086		mg/Kg		102	80 - 123
Carbon disulfide	0.0500	0.04347		mg/Kg		87	68 - 128
Carbon tetrachloride	0.0500	0.05071		mg/Kg		101	75 - 140
Chlorobenzene	0.0500	0.04577		mg/Kg		92	80 - 120
Chloroethane	0.0500	0.04251		mg/Kg		85	76 - 137
Chloroform	0.0500	0.04092		mg/Kg		82	80 - 121
Chloromethane	0.0500	0.04389		mg/Kg		88	74 - 133
Dibromochloromethane	0.0500	0.04887		mg/Kg		98	80 - 132
Dibromomethane	0.0500	0.04599		mg/Kg		92	80 - 120
Dichlorodifluoromethane	0.0500	0.04814		mg/Kg		96	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04555		mg/Kg		91	73 - 132
Ethanol	0.500	0.5145		mg/Kg		103	46 - 159
Ethylbenzene	0.0500	0.04461		mg/Kg		89	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04570		mg/Kg		91	77 - 129
Isopropylbenzene	0.0500	0.04450		mg/Kg		89	80 - 122
Methylene Chloride	0.0500	0.04171		mg/Kg		83	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04402		mg/Kg		88	79 - 123
Naphthalene	0.0500	0.04890		mg/Kg		98	79 - 121
n-Butylbenzene	0.0500	0.04485		mg/Kg		90	79 - 131
N-Propylbenzene	0.0500	0.04373		mg/Kg		87	80 - 122
o-Xylene	0.0500	0.04293		mg/Kg		86	80 - 120
m,p-Xylene	0.100	0.08536		mg/Kg		85	80 - 120
p-Isopropyltoluene	0.0500	0.04593		mg/Kg		92	80 - 126
sec-Butylbenzene	0.0500	0.04505		mg/Kg		90	80 - 125
Styrene	0.0500	0.04369		mg/Kg		87	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04345		mg/Kg		87	75 - 123
trans-1,3-Dichloropropene	0.0500	0.04924		mg/Kg		98	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04795		mg/Kg		96	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2322		mg/Kg		93	74 - 123
tert-Butylbenzene	0.0500	0.04543		mg/Kg		91	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511764/3
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tetrachloroethene			0.0500	0.04877		mg/Kg		98	80 - 122		
Toluene			0.0500	0.04437		mg/Kg		89	80 - 120		
Trichloroethene			0.0500	0.04809		mg/Kg		96	80 - 127		
Trichlorofluoromethane			0.0500	0.04201		mg/Kg		84	70 - 144		
Vinyl acetate			0.0500	0.04612		mg/Kg		92	71 - 125		
Vinyl chloride			0.0500	0.04291		mg/Kg		86	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*32 - 179*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-511764/4
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05274		mg/Kg		105	80 - 125	0	20
1,1,1-Trichloroethane			0.0500	0.04555		mg/Kg		91	78 - 130	1	20
1,1,2,2-Tetrachloroethane			0.0500	0.04288		mg/Kg		86	80 - 124	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.04475		mg/Kg		89	73 - 130	1	20
1,1,2-Trichloroethane			0.0500	0.04732		mg/Kg		95	80 - 123	1	20
1,1-Dichloroethane			0.0500	0.04369		mg/Kg		87	79 - 124	1	20
1,1-Dichloroethene			0.0500	0.04359		mg/Kg		87	74 - 132	1	20
1,1-Dichloropropene			0.0500	0.04397		mg/Kg		88	78 - 130	2	20
1,2,3-Trichlorobenzene			0.0500	0.05413		mg/Kg		108	80 - 123	2	20
1,2,3-Trichloropropane			0.0500	0.04560		mg/Kg		91	79 - 120	0	20
1,2,4-Trichlorobenzene			0.0500	0.05453		mg/Kg		109	80 - 125	4	20
1,2,4-Trimethylbenzene			0.0500	0.04542		mg/Kg		91	80 - 124	0	20
1,2-Dibromo-3-Chloropropane			0.0500	0.05102		mg/Kg		102	67 - 120	1	20
1,2-Dibromoethane			0.0500	0.04645		mg/Kg		93	80 - 120	1	20
1,2-Dichlorobenzene			0.0500	0.04574		mg/Kg		91	80 - 120	1	20
1,2-Dichloroethane			0.0500	0.04455		mg/Kg		89	77 - 120	1	20
1,2-Dichloropropane			0.0500	0.04855		mg/Kg		97	80 - 126	2	20
1,3,5-Trimethylbenzene			0.0500	0.04485		mg/Kg		90	80 - 121	1	20
1,3-Dichlorobenzene			0.0500	0.04620		mg/Kg		92	80 - 120	2	20
1,3-Dichloropropane			0.0500	0.04593		mg/Kg		92	80 - 120	1	20
1,4-Dichlorobenzene			0.0500	0.04591		mg/Kg		92	80 - 120	3	20
2,2-Dichloropropane			0.0500	0.04799		mg/Kg		96	73 - 135	1	20
2-Butanone (MEK)			0.0500	0.04535		mg/Kg		91	67 - 136	2	20
2-Chlorotoluene			0.0500	0.04320		mg/Kg		86	80 - 120	0	20
2-Hexanone			0.0500	0.04751		mg/Kg		95	70 - 137	2	20
4-Chlorotoluene			0.0500	0.04442		mg/Kg		89	80 - 121	0	20
4-Methyl-2-pentanone (MIBK)			0.0500	0.04672		mg/Kg		93	74 - 124	2	20
Acetone			0.0500	0.04364		mg/Kg		87	61 - 142	3	23
Benzene			0.0500	0.04485		mg/Kg		90	80 - 120	0	20
Bromobenzene			0.0500	0.04842		mg/Kg		97	80 - 120	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511764/4
Matrix: Solid
Analysis Batch: 511764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromochloromethane			0.0500	0.04597		mg/Kg		92	80 - 120	0	20
Bromodichloromethane			0.0500	0.04964		mg/Kg		99	80 - 125	3	20
Bromoform			0.0500	0.05484		mg/Kg		110	74 - 138	0	20
Bromomethane			0.0500	0.03925		mg/Kg		79	58 - 136	2	20
cis-1,2-Dichloroethene			0.0500	0.04358		mg/Kg		87	80 - 124	1	20
cis-1,3-Dichloropropene			0.0500	0.05223		mg/Kg		104	80 - 123	3	20
Carbon disulfide			0.0500	0.04363		mg/Kg		87	68 - 128	0	20
Carbon tetrachloride			0.0500	0.05084		mg/Kg		102	75 - 140	0	20
Chlorobenzene			0.0500	0.04583		mg/Kg		92	80 - 120	0	20
Chloroethane			0.0500	0.04205		mg/Kg		84	76 - 137	1	20
Chloroform			0.0500	0.04137		mg/Kg		83	80 - 121	1	20
Chloromethane			0.0500	0.04320		mg/Kg		86	74 - 133	2	20
Dibromochloromethane			0.0500	0.04878		mg/Kg		98	80 - 132	0	20
Dibromomethane			0.0500	0.04610		mg/Kg		92	80 - 120	0	20
Dichlorodifluoromethane			0.0500	0.04772		mg/Kg		95	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.04581		mg/Kg		92	73 - 132	1	20
Ethanol			0.500	0.5264		mg/Kg		105	46 - 159	2	30
Ethylbenzene			0.0500	0.04463		mg/Kg		89	80 - 120	0	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04555		mg/Kg		91	77 - 129	0	20
Isopropylbenzene			0.0500	0.04451		mg/Kg		89	80 - 122	0	20
Methylene Chloride			0.0500	0.04110		mg/Kg		82	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04434		mg/Kg		89	79 - 123	1	20
Naphthalene			0.0500	0.04903		mg/Kg		98	79 - 121	0	20
n-Butylbenzene			0.0500	0.04634		mg/Kg		93	79 - 131	3	20
N-Propylbenzene			0.0500	0.04399		mg/Kg		88	80 - 122	1	20
o-Xylene			0.0500	0.04262		mg/Kg		85	80 - 120	1	20
m,p-Xylene			0.100	0.08598		mg/Kg		86	80 - 120	1	20
p-Isopropyltoluene			0.0500	0.04641		mg/Kg		93	80 - 126	1	20
sec-Butylbenzene			0.0500	0.04501		mg/Kg		90	80 - 125	0	20
Styrene			0.0500	0.04385		mg/Kg		88	80 - 120	0	20
trans-1,2-Dichloroethene			0.0500	0.04394		mg/Kg		88	75 - 123	1	20
trans-1,3-Dichloropropene			0.0500	0.05017		mg/Kg		100	80 - 124	2	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04865		mg/Kg		97	80 - 120	1	20
tert-Butyl alcohol (TBA)			0.250	0.2313		mg/Kg		93	74 - 123	0	20
tert-Butylbenzene			0.0500	0.04559		mg/Kg		91	80 - 124	0	20
Tetrachloroethene			0.0500	0.04894		mg/Kg		98	80 - 122	0	20
Toluene			0.0500	0.04511		mg/Kg		90	80 - 120	2	20
Trichloroethene			0.0500	0.04812		mg/Kg		96	80 - 127	0	20
Trichlorofluoromethane			0.0500	0.04226		mg/Kg		85	70 - 144	1	20
Vinyl acetate			0.0500	0.04457		mg/Kg		89	71 - 125	3	20
Vinyl chloride			0.0500	0.04265		mg/Kg		85	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*32 - 179*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511986/8
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
1,1,1-Trichloroethane	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
1,1,2,2-Tetrachloroethane	ND		0.10	0.027	mg/Kg			12/10/24 10:32	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.023	mg/Kg			12/10/24 10:32	50
1,1,2-Trichloroethane	ND		0.050	0.023	mg/Kg			12/10/24 10:32	50
1,1-Dichloroethane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,1-Dichloroethene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,1-Dichloropropene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
1,2,3-Trichlorobenzene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
1,2,3-Trichloropropane	ND		0.10	0.021	mg/Kg			12/10/24 10:32	50
1,2,4-Trichlorobenzene	ND		0.10	0.021	mg/Kg			12/10/24 10:32	50
1,2,4-Trimethylbenzene	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
1,2-Dibromo-3-Chloropropane	ND		0.50	0.17	mg/Kg			12/10/24 10:32	50
1,2-Dibromoethane	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50
1,2-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,2-Dichloroethane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,2-Dichloropropane	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
1,3,5-Trimethylbenzene	ND		0.10	0.013	mg/Kg			12/10/24 10:32	50
1,3-Dichlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
1,3-Dichloropropane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
1,4-Dichlorobenzene	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
2,2-Dichloropropane	ND		0.25	0.014	mg/Kg			12/10/24 10:32	50
2-Butanone (MEK)	ND		1.0	0.23	mg/Kg			12/10/24 10:32	50
2-Chlorotoluene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
2-Hexanone	ND		1.0	0.15	mg/Kg			12/10/24 10:32	50
4-Chlorotoluene	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
4-Methyl-2-pentanone (MIBK)	ND		1.0	0.15	mg/Kg			12/10/24 10:32	50
Acetone	ND		1.0	0.49	mg/Kg			12/10/24 10:32	50
Benzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Bromobenzene	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50
Bromochloromethane	ND		0.10	0.022	mg/Kg			12/10/24 10:32	50
Bromodichloromethane	ND		0.050	0.016	mg/Kg			12/10/24 10:32	50
Bromoform	ND		0.25	0.066	mg/Kg			12/10/24 10:32	50
Bromomethane	ND		1.0	0.33	mg/Kg			12/10/24 10:32	50
cis-1,2-Dichloroethene	ND		0.050	0.017	mg/Kg			12/10/24 10:32	50
cis-1,3-Dichloropropene	ND		0.050	0.017	mg/Kg			12/10/24 10:32	50
Carbon disulfide	ND		0.50	0.020	mg/Kg			12/10/24 10:32	50
Carbon tetrachloride	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
Chlorobenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Chloroethane	ND		0.10	0.037	mg/Kg			12/10/24 10:32	50
Chloroform	ND		0.050	0.029	mg/Kg			12/10/24 10:32	50
Chloromethane	ND		1.0	0.077	mg/Kg			12/10/24 10:32	50
Dibromochloromethane	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
Dibromomethane	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
Dichlorodifluoromethane	ND		0.10	0.023	mg/Kg			12/10/24 10:32	50
Di-isopropyl ether (DIPE)	ND		0.050	0.025	mg/Kg			12/10/24 10:32	50
Ethanol	ND		13	4.6	mg/Kg			12/10/24 10:32	50
Ethylbenzene	ND		0.050	0.010	mg/Kg			12/10/24 10:32	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511986/8
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.050	0.012	mg/Kg			12/10/24 10:32	50
Isopropylbenzene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
Methylene Chloride	ND		0.50	0.16	mg/Kg			12/10/24 10:32	50
Methyl-t-Butyl Ether (MTBE)	ND		0.10	0.0094	mg/Kg			12/10/24 10:32	50
Naphthalene	ND		0.50	0.20	mg/Kg			12/10/24 10:32	50
n-Butylbenzene	ND		0.050	0.011	mg/Kg			12/10/24 10:32	50
N-Propylbenzene	ND		0.10	0.013	mg/Kg			12/10/24 10:32	50
o-Xylene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
m,p-Xylene	ND		0.10	0.024	mg/Kg			12/10/24 10:32	50
p-Isopropyltoluene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
sec-Butylbenzene	ND		0.050	0.014	mg/Kg			12/10/24 10:32	50
Styrene	ND		0.050	0.016	mg/Kg			12/10/24 10:32	50
trans-1,2-Dichloroethene	ND		0.050	0.015	mg/Kg			12/10/24 10:32	50
trans-1,3-Dichloropropene	ND		0.10	0.014	mg/Kg			12/10/24 10:32	50
Tert-amyl-methyl ether (TAME)	ND		0.050	0.0097	mg/Kg			12/10/24 10:32	50
tert-Butyl alcohol (TBA)	ND		1.0	0.35	mg/Kg			12/10/24 10:32	50
tert-Butylbenzene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Tetrachloroethene	ND		0.050	0.011	mg/Kg			12/10/24 10:32	50
Toluene	ND		0.050	0.013	mg/Kg			12/10/24 10:32	50
Trichloroethene	ND		0.10	0.019	mg/Kg			12/10/24 10:32	50
Trichlorofluoromethane	ND		0.50	0.014	mg/Kg			12/10/24 10:32	50
Vinyl acetate	ND		0.50	0.20	mg/Kg			12/10/24 10:32	50
Vinyl chloride	ND		0.050	0.019	mg/Kg			12/10/24 10:32	50
Xylenes, Total	ND		0.10	0.030	mg/Kg			12/10/24 10:32	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*		*12/10/24 10:32*	*50*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*12/10/24 10:32*	*50*
Dibromofluoromethane (Surr)	*94*		*58 - 147*		*12/10/24 10:32*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/10/24 10:32*	*50*

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05241		mg/Kg		105	80 - 125
1,1,1-Trichloroethane	0.0500	0.05375		mg/Kg		107	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04922		mg/Kg		98	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05176		mg/Kg		104	73 - 130
1,1,2-Trichloroethane	0.0500	0.04993		mg/Kg		100	80 - 123
1,1-Dichloroethane	0.0500	0.04978		mg/Kg		100	79 - 124
1,1-Dichloroethene	0.0500	0.05036		mg/Kg		101	74 - 132
1,1-Dichloropropene	0.0500	0.04962		mg/Kg		99	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05102		mg/Kg		102	80 - 123
1,2,3-Trichloropropane	0.0500	0.04587		mg/Kg		92	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05097		mg/Kg		102	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04939		mg/Kg		99	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.04439		mg/Kg		89	67 - 120
1,2-Dibromoethane	0.0500	0.05228		mg/Kg		105	80 - 120
1,2-Dichlorobenzene	0.0500	0.04912		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0500	0.04688		mg/Kg		94	77 - 120
1,2-Dichloropropane	0.0500	0.05033		mg/Kg		101	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05047		mg/Kg		101	80 - 121
1,3-Dichlorobenzene	0.0500	0.05063		mg/Kg		101	80 - 120
1,3-Dichloropropane	0.0500	0.04854		mg/Kg		97	80 - 120
1,4-Dichlorobenzene	0.0500	0.04966		mg/Kg		99	80 - 120
2,2-Dichloropropane	0.0500	0.05293		mg/Kg		106	73 - 135
2-Butanone (MEK)	0.0500	0.05789		mg/Kg		116	67 - 136
2-Chlorotoluene	0.0500	0.04895		mg/Kg		98	80 - 120
2-Hexanone	0.0500	0.04848		mg/Kg		97	70 - 137
4-Chlorotoluene	0.0500	0.04776		mg/Kg		96	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04639		mg/Kg		93	74 - 124
Acetone	0.0500	0.05293		mg/Kg		106	61 - 142
Benzene	0.0500	0.04963		mg/Kg		99	80 - 120
Bromobenzene	0.0500	0.05032		mg/Kg		101	80 - 120
Bromochloromethane	0.0500	0.05143		mg/Kg		103	80 - 120
Bromodichloromethane	0.0500	0.05320		mg/Kg		106	80 - 125
Bromoform	0.0500	0.05387		mg/Kg		108	74 - 138
Bromomethane	0.0500	0.04750		mg/Kg		95	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05022		mg/Kg		100	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05268		mg/Kg		105	80 - 123
Carbon disulfide	0.0500	0.05033		mg/Kg		101	68 - 128
Carbon tetrachloride	0.0500	0.05843		mg/Kg		117	75 - 140
Chlorobenzene	0.0500	0.04932		mg/Kg		99	80 - 120
Chloroethane	0.0500	0.04405		mg/Kg		88	76 - 137
Chloroform	0.0500	0.04959		mg/Kg		99	80 - 121
Chloromethane	0.0500	0.04278		mg/Kg		86	74 - 133
Dibromochloromethane	0.0500	0.05280		mg/Kg		106	80 - 132
Dibromomethane	0.0500	0.05180		mg/Kg		104	80 - 120
Dichlorodifluoromethane	0.0500	0.04628		mg/Kg		93	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.04824		mg/Kg		96	73 - 132
Ethanol	0.500	0.4673		mg/Kg		93	46 - 159
Ethylbenzene	0.0500	0.04893		mg/Kg		98	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04835		mg/Kg		97	77 - 129
Isopropylbenzene	0.0500	0.05029		mg/Kg		101	80 - 122
Methylene Chloride	0.0500	0.04883		mg/Kg		98	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04639		mg/Kg		93	79 - 123
Naphthalene	0.0500	0.04807		mg/Kg		96	79 - 121
n-Butylbenzene	0.0500	0.05190		mg/Kg		104	79 - 131
N-Propylbenzene	0.0500	0.05089		mg/Kg		102	80 - 122
o-Xylene	0.0500	0.04944		mg/Kg		99	80 - 120
m,p-Xylene	0.100	0.09871		mg/Kg		99	80 - 120
p-Isopropyltoluene	0.0500	0.04980		mg/Kg		100	80 - 126
sec-Butylbenzene	0.0500	0.05050		mg/Kg		101	80 - 125
Styrene	0.0500	0.04975		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0500	0.05074		mg/Kg		101	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511986/4
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0500	0.05321		mg/Kg		106	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04718		mg/Kg		94	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2636		mg/Kg		105	74 - 123
tert-Butylbenzene	0.0500	0.05051		mg/Kg		101	80 - 124
Tetrachloroethene	0.0500	0.05149		mg/Kg		103	80 - 122
Toluene	0.0500	0.05062		mg/Kg		101	80 - 120
Trichloroethene	0.0500	0.05236		mg/Kg		105	80 - 127
Trichlorofluoromethane	0.0500	0.05051		mg/Kg		101	70 - 144
Vinyl acetate	0.0500	0.05289		mg/Kg		106	71 - 125
Vinyl chloride	0.0500	0.04748		mg/Kg		95	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05383		mg/Kg		108	80 - 125	3	20
1,1,1-Trichloroethane	0.0500	0.05414		mg/Kg		108	78 - 130	1	20
1,1,2,2-Tetrachloroethane	0.0500	0.05050		mg/Kg		101	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05154		mg/Kg		103	73 - 130	0	20
1,1,2-Trichloroethane	0.0500	0.05040		mg/Kg		101	80 - 123	1	20
1,1-Dichloroethane	0.0500	0.05036		mg/Kg		101	79 - 124	1	20
1,1-Dichloroethene	0.0500	0.05050		mg/Kg		101	74 - 132	0	20
1,1-Dichloropropene	0.0500	0.05015		mg/Kg		100	78 - 130	1	20
1,2,3-Trichlorobenzene	0.0500	0.05297		mg/Kg		106	80 - 123	4	20
1,2,3-Trichloropropane	0.0500	0.04590		mg/Kg		92	79 - 120	0	20
1,2,4-Trichlorobenzene	0.0500	0.05146		mg/Kg		103	80 - 125	1	20
1,2,4-Trimethylbenzene	0.0500	0.05074		mg/Kg		101	80 - 124	3	20
1,2-Dibromo-3-Chloropropane	0.0500	0.04571		mg/Kg		91	67 - 120	3	20
1,2-Dibromoethane	0.0500	0.05221		mg/Kg		104	80 - 120	0	20
1,2-Dichlorobenzene	0.0500	0.05060		mg/Kg		101	80 - 120	3	20
1,2-Dichloroethane	0.0500	0.04726		mg/Kg		95	77 - 120	1	20
1,2-Dichloropropane	0.0500	0.05090		mg/Kg		102	80 - 126	1	20
1,3,5-Trimethylbenzene	0.0500	0.05116		mg/Kg		102	80 - 121	1	20
1,3-Dichlorobenzene	0.0500	0.05199		mg/Kg		104	80 - 120	3	20
1,3-Dichloropropane	0.0500	0.04990		mg/Kg		100	80 - 120	3	20
1,4-Dichlorobenzene	0.0500	0.05083		mg/Kg		102	80 - 120	2	20
2,2-Dichloropropane	0.0500	0.05378		mg/Kg		108	73 - 135	2	20
2-Butanone (MEK)	0.0500	0.05900		mg/Kg		118	67 - 136	2	20
2-Chlorotoluene	0.0500	0.04969		mg/Kg		99	80 - 120	2	20
2-Hexanone	0.0500	0.04504		mg/Kg		90	70 - 137	7	20
4-Chlorotoluene	0.0500	0.04940		mg/Kg		99	80 - 121	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			0.0500	0.04689		mg/Kg		94	74 - 124	1	20
Acetone			0.0500	0.04699		mg/Kg		94	61 - 142	12	23
Benzene			0.0500	0.04992		mg/Kg		100	80 - 120	1	20
Bromobenzene			0.0500	0.05139		mg/Kg		103	80 - 120	2	20
Bromochloromethane			0.0500	0.05109		mg/Kg		102	80 - 120	1	20
Bromodichloromethane			0.0500	0.05412		mg/Kg		108	80 - 125	2	20
Bromoform			0.0500	0.05450		mg/Kg		109	74 - 138	1	20
Bromomethane			0.0500	0.04781		mg/Kg		96	58 - 136	1	20
cis-1,2-Dichloroethene			0.0500	0.05118		mg/Kg		102	80 - 124	2	20
cis-1,3-Dichloropropene			0.0500	0.05414		mg/Kg		108	80 - 123	3	20
Carbon disulfide			0.0500	0.05095		mg/Kg		102	68 - 128	1	20
Carbon tetrachloride			0.0500	0.05881		mg/Kg		118	75 - 140	1	20
Chlorobenzene			0.0500	0.05064		mg/Kg		101	80 - 120	3	20
Chloroethane			0.0500	0.04448		mg/Kg		89	76 - 137	1	20
Chloroform			0.0500	0.04996		mg/Kg		100	80 - 121	1	20
Chloromethane			0.0500	0.04374		mg/Kg		87	74 - 133	2	20
Dibromochloromethane			0.0500	0.05351		mg/Kg		107	80 - 132	1	20
Dibromomethane			0.0500	0.05224		mg/Kg		104	80 - 120	1	20
Dichlorodifluoromethane			0.0500	0.04609		mg/Kg		92	63 - 146	0	20
Di-isopropyl ether (DIPE)			0.0500	0.04936		mg/Kg		99	73 - 132	2	20
Ethanol			0.500	0.4455		mg/Kg		89	46 - 159	5	30
Ethylbenzene			0.0500	0.05013		mg/Kg		100	80 - 120	2	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04966		mg/Kg		99	77 - 129	3	20
Isopropylbenzene			0.0500	0.05132		mg/Kg		103	80 - 122	2	20
Methylene Chloride			0.0500	0.04927		mg/Kg		99	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04739		mg/Kg		95	79 - 123	2	20
Naphthalene			0.0500	0.04937		mg/Kg		99	79 - 121	3	20
n-Butylbenzene			0.0500	0.05289		mg/Kg		106	79 - 131	2	20
N-Propylbenzene			0.0500	0.05155		mg/Kg		103	80 - 122	1	20
o-Xylene			0.0500	0.05021		mg/Kg		100	80 - 120	2	20
m,p-Xylene			0.100	0.1007		mg/Kg		101	80 - 120	2	20
p-Isopropyltoluene			0.0500	0.05138		mg/Kg		103	80 - 126	3	20
sec-Butylbenzene			0.0500	0.05245		mg/Kg		105	80 - 125	4	20
Styrene			0.0500	0.05090		mg/Kg		102	80 - 120	2	20
trans-1,2-Dichloroethene			0.0500	0.05146		mg/Kg		103	75 - 123	1	20
trans-1,3-Dichloropropene			0.0500	0.05408		mg/Kg		108	80 - 124	2	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04846		mg/Kg		97	80 - 120	3	20
tert-Butyl alcohol (TBA)			0.250	0.2511		mg/Kg		100	74 - 123	5	20
tert-Butylbenzene			0.0500	0.05208		mg/Kg		104	80 - 124	3	20
Tetrachloroethene			0.0500	0.05245		mg/Kg		105	80 - 122	2	20
Toluene			0.0500	0.05164		mg/Kg		103	80 - 120	2	20
Trichloroethene			0.0500	0.05297		mg/Kg		106	80 - 127	1	20
Trichlorofluoromethane			0.0500	0.05007		mg/Kg		100	70 - 144	1	20
Vinyl acetate			0.0500	0.05406		mg/Kg		108	71 - 125	2	20
Vinyl chloride			0.0500	0.04780		mg/Kg		96	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511986/5
Matrix: Solid
Analysis Batch: 511986

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		58 - 147
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: MB 570-511998/6
Matrix: Water
Analysis Batch: 511998

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.35	ug/L			12/10/24 09:27	1
trans-1,3-Dichloropropene	ND		0.50	0.31	ug/L			12/10/24 09:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		70 - 123		12/10/24 09:27	1
4-Bromofluorobenzene (Surr)	96		80 - 120		12/10/24 09:27	1
Dibromofluoromethane (Surr)	99		78 - 120		12/10/24 09:27	1
Toluene-d8 (Surr)	97		80 - 120		12/10/24 09:27	1

Lab Sample ID: LCS 570-511998/1002
Matrix: Water
Analysis Batch: 511998

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethyl-t-butyl ether (ETBE)			20.0	19.96		ug/L		100	80 - 124		
trans-1,3-Dichloropropene			20.0	20.83		ug/L		104	80 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 123
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	98		78 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 570-511998/3
Matrix: Water
Analysis Batch: 511998

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl-t-butyl ether (ETBE)			20.0	18.82		ug/L		94	80 - 124	6	20
trans-1,3-Dichloropropene			20.0	19.76		ug/L		99	80 - 125	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 123
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	99		78 - 120
Toluene-d8 (Surr)	99		80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-514557/5
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg			12/16/24 19:28	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg			12/16/24 19:28	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg			12/16/24 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg			12/16/24 19:28	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg			12/16/24 19:28	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/16/24 19:28	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg			12/16/24 19:28	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg			12/16/24 19:28	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg			12/16/24 19:28	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg			12/16/24 19:28	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg			12/16/24 19:28	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg			12/16/24 19:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg			12/16/24 19:28	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg			12/16/24 19:28	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/16/24 19:28	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg			12/16/24 19:28	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg			12/16/24 19:28	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg			12/16/24 19:28	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg			12/16/24 19:28	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg			12/16/24 19:28	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg			12/16/24 19:28	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg			12/16/24 19:28	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg			12/16/24 19:28	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg			12/16/24 19:28	1
2-Hexanone	ND		0.020	0.0031	mg/Kg			12/16/24 19:28	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg			12/16/24 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg			12/16/24 19:28	1
Acetone	ND		0.020	0.0098	mg/Kg			12/16/24 19:28	1
Benzene	ND		0.0010	0.00026	mg/Kg			12/16/24 19:28	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg			12/16/24 19:28	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg			12/16/24 19:28	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg			12/16/24 19:28	1
Bromoform	ND		0.0050	0.0013	mg/Kg			12/16/24 19:28	1
Bromomethane	ND		0.020	0.0066	mg/Kg			12/16/24 19:28	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg			12/16/24 19:28	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg			12/16/24 19:28	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg			12/16/24 19:28	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg			12/16/24 19:28	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg			12/16/24 19:28	1
Chloroethane	ND		0.0020	0.00074	mg/Kg			12/16/24 19:28	1
Chloroform	ND		0.0010	0.00059	mg/Kg			12/16/24 19:28	1
Chloromethane	ND		0.020	0.0015	mg/Kg			12/16/24 19:28	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg			12/16/24 19:28	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg			12/16/24 19:28	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg			12/16/24 19:28	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg			12/16/24 19:28	1
Ethanol	ND		0.25	0.092	mg/Kg			12/16/24 19:28	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg			12/16/24 19:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-514557/5
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg			12/16/24 19:28	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg			12/16/24 19:28	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg			12/16/24 19:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg			12/16/24 19:28	1
Naphthalene	ND		0.010	0.0039	mg/Kg			12/16/24 19:28	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg			12/16/24 19:28	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg			12/16/24 19:28	1
o-Xylene	ND		0.0010	0.00026	mg/Kg			12/16/24 19:28	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg			12/16/24 19:28	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg			12/16/24 19:28	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg			12/16/24 19:28	1
Styrene	ND		0.0010	0.00032	mg/Kg			12/16/24 19:28	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg			12/16/24 19:28	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg			12/16/24 19:28	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg			12/16/24 19:28	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg			12/16/24 19:28	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg			12/16/24 19:28	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg			12/16/24 19:28	1
Toluene	ND		0.0010	0.00027	mg/Kg			12/16/24 19:28	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg			12/16/24 19:28	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg			12/16/24 19:28	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg			12/16/24 19:28	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg			12/16/24 19:28	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg			12/16/24 19:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*32 - 179*		*12/16/24 19:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/16/24 19:28*	*1*
Dibromofluoromethane (Surr)	*98*		*58 - 147*		*12/16/24 19:28*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/16/24 19:28*	*1*

Lab Sample ID: LCS 570-514557/3
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05097		mg/Kg		102	80 - 125
1,1,1-Trichloroethane	0.0500	0.04792		mg/Kg		96	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04453		mg/Kg		89	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05119		mg/Kg		102	73 - 130
1,1,2-Trichloroethane	0.0500	0.04814		mg/Kg		96	80 - 123
1,1-Dichloroethane	0.0500	0.04976		mg/Kg		100	79 - 124
1,1-Dichloroethene	0.0500	0.05455		mg/Kg		109	74 - 132
1,1-Dichloropropene	0.0500	0.04766		mg/Kg		95	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05090		mg/Kg		102	80 - 123
1,2,3-Trichloropropane	0.0500	0.04625		mg/Kg		92	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05054		mg/Kg		101	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.04680		mg/Kg		94	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-514557/3
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05211		mg/Kg		104	67 - 120
1,2-Dibromoethane	0.0500	0.04563		mg/Kg		91	80 - 120
1,2-Dichlorobenzene	0.0500	0.04473		mg/Kg		89	80 - 120
1,2-Dichloroethane	0.0500	0.04836		mg/Kg		97	77 - 120
1,2-Dichloropropane	0.0500	0.05114		mg/Kg		102	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.04541		mg/Kg		91	80 - 121
1,3-Dichlorobenzene	0.0500	0.04582		mg/Kg		92	80 - 120
1,3-Dichloropropane	0.0500	0.04720		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0500	0.04470		mg/Kg		89	80 - 120
2,2-Dichloropropane	0.0500	0.05028		mg/Kg		101	73 - 135
2-Butanone (MEK)	0.0500	0.05140		mg/Kg		103	67 - 136
2-Chlorotoluene	0.0500	0.04442		mg/Kg		89	80 - 120
2-Hexanone	0.0500	0.04916		mg/Kg		98	70 - 137
4-Chlorotoluene	0.0500	0.04588		mg/Kg		92	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.04814		mg/Kg		96	74 - 124
Acetone	0.0500	0.05387		mg/Kg		108	61 - 142
Benzene	0.0500	0.04763		mg/Kg		95	80 - 120
Bromobenzene	0.0500	0.04655		mg/Kg		93	80 - 120
Bromochloromethane	0.0500	0.04581		mg/Kg		92	80 - 120
Bromodichloromethane	0.0500	0.05019		mg/Kg		100	80 - 125
Bromoform	0.0500	0.05361		mg/Kg		107	74 - 138
Bromomethane	0.0500	0.04712		mg/Kg		94	58 - 136
cis-1,2-Dichloroethene	0.0500	0.04548		mg/Kg		91	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05204		mg/Kg		104	80 - 123
Carbon disulfide	0.0500	0.04773		mg/Kg		95	68 - 128
Carbon tetrachloride	0.0500	0.05303		mg/Kg		106	75 - 140
Chlorobenzene	0.0500	0.04565		mg/Kg		91	80 - 120
Chloroethane	0.0500	0.05270		mg/Kg		105	76 - 137
Chloroform	0.0500	0.04469		mg/Kg		89	80 - 121
Chloromethane	0.0500	0.05504		mg/Kg		110	74 - 133
Dibromochloromethane	0.0500	0.04828		mg/Kg		97	80 - 132
Dibromomethane	0.0500	0.04591		mg/Kg		92	80 - 120
Dichlorodifluoromethane	0.0500	0.06190		mg/Kg		124	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05213		mg/Kg		104	73 - 132
Ethanol	0.500	0.6809		mg/Kg		136	46 - 159
Ethylbenzene	0.0500	0.04608		mg/Kg		92	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.04803		mg/Kg		96	77 - 129
Isopropylbenzene	0.0500	0.04486		mg/Kg		90	80 - 122
Methylene Chloride	0.0500	0.04468		mg/Kg		89	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04444		mg/Kg		89	79 - 123
Naphthalene	0.0500	0.04629		mg/Kg		93	79 - 121
n-Butylbenzene	0.0500	0.04807		mg/Kg		96	79 - 131
N-Propylbenzene	0.0500	0.04532		mg/Kg		91	80 - 122
o-Xylene	0.0500	0.04373		mg/Kg		87	80 - 120
m,p-Xylene	0.100	0.08752		mg/Kg		88	80 - 120
p-Isopropyltoluene	0.0500	0.04650		mg/Kg		93	80 - 126
sec-Butylbenzene	0.0500	0.04685		mg/Kg		94	80 - 125
Styrene	0.0500	0.04386		mg/Kg		88	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04645		mg/Kg		93	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-514557/3
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	0.0500	0.04956		mg/Kg		99	80 - 124
Tert-amyl-methyl ether (TAME)	0.0500	0.04619		mg/Kg		92	80 - 120
tert-Butyl alcohol (TBA)	0.250	0.2502		mg/Kg		100	74 - 123
tert-Butylbenzene	0.0500	0.04588		mg/Kg		92	80 - 124
Tetrachloroethene	0.0500	0.04947		mg/Kg		99	80 - 122
Toluene	0.0500	0.04541		mg/Kg		91	80 - 120
Trichloroethene	0.0500	0.04994		mg/Kg		100	80 - 127
Trichlorofluoromethane	0.0500	0.04855		mg/Kg		97	70 - 144
Vinyl acetate	0.0500	0.04561		mg/Kg		91	71 - 125
Vinyl chloride	0.0500	0.05345		mg/Kg		107	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*32 - 179*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-514557/4
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.0500	0.05206		mg/Kg		104	80 - 125	2	20
1,1,1-Trichloroethane	0.0500	0.04856		mg/Kg		97	78 - 130	1	20
1,1,2,2-Tetrachloroethane	0.0500	0.04605		mg/Kg		92	80 - 124	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05007		mg/Kg		100	73 - 130	2	20
1,1,2-Trichloroethane	0.0500	0.04854		mg/Kg		97	80 - 123	1	20
1,1-Dichloroethane	0.0500	0.05000		mg/Kg		100	79 - 124	0	20
1,1-Dichloroethene	0.0500	0.05168		mg/Kg		103	74 - 132	5	20
1,1-Dichloropropene	0.0500	0.04889		mg/Kg		98	78 - 130	3	20
1,2,3-Trichlorobenzene	0.0500	0.05263		mg/Kg		105	80 - 123	3	20
1,2,3-Trichloropropane	0.0500	0.04765		mg/Kg		95	79 - 120	3	20
1,2,4-Trichlorobenzene	0.0500	0.05301		mg/Kg		106	80 - 125	5	20
1,2,4-Trimethylbenzene	0.0500	0.04824		mg/Kg		96	80 - 124	3	20
1,2-Dibromo-3-Chloropropane	0.0500	0.05348		mg/Kg		107	67 - 120	3	20
1,2-Dibromoethane	0.0500	0.04704		mg/Kg		94	80 - 120	3	20
1,2-Dichlorobenzene	0.0500	0.04603		mg/Kg		92	80 - 120	3	20
1,2-Dichloroethane	0.0500	0.04906		mg/Kg		98	77 - 120	1	20
1,2-Dichloropropane	0.0500	0.05252		mg/Kg		105	80 - 126	3	20
1,3,5-Trimethylbenzene	0.0500	0.04720		mg/Kg		94	80 - 121	4	20
1,3-Dichlorobenzene	0.0500	0.04667		mg/Kg		93	80 - 120	2	20
1,3-Dichloropropane	0.0500	0.04788		mg/Kg		96	80 - 120	1	20
1,4-Dichlorobenzene	0.0500	0.04582		mg/Kg		92	80 - 120	2	20
2,2-Dichloropropane	0.0500	0.05142		mg/Kg		103	73 - 135	2	20
2-Butanone (MEK)	0.0500	0.05218		mg/Kg		104	67 - 136	2	20
2-Chlorotoluene	0.0500	0.04541		mg/Kg		91	80 - 120	2	20
2-Hexanone	0.0500	0.05115		mg/Kg		102	70 - 137	4	20
4-Chlorotoluene	0.0500	0.04701		mg/Kg		94	80 - 121	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-514557/4
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			0.0500	0.05066		mg/Kg		101	74 - 124	5	20
Acetone			0.0500	0.05380		mg/Kg		108	61 - 142	0	23
Benzene			0.0500	0.04887		mg/Kg		98	80 - 120	3	20
Bromobenzene			0.0500	0.04718		mg/Kg		94	80 - 120	1	20
Bromochloromethane			0.0500	0.04565		mg/Kg		91	80 - 120	0	20
Bromodichloromethane			0.0500	0.05075		mg/Kg		101	80 - 125	1	20
Bromoform			0.0500	0.05499		mg/Kg		110	74 - 138	3	20
Bromomethane			0.0500	0.04739		mg/Kg		95	58 - 136	1	20
cis-1,2-Dichloroethene			0.0500	0.04632		mg/Kg		93	80 - 124	2	20
cis-1,3-Dichloropropene			0.0500	0.05367		mg/Kg		107	80 - 123	3	20
Carbon disulfide			0.0500	0.04960		mg/Kg		99	68 - 128	4	20
Carbon tetrachloride			0.0500	0.05439		mg/Kg		109	75 - 140	3	20
Chlorobenzene			0.0500	0.04635		mg/Kg		93	80 - 120	2	20
Chloroethane			0.0500	0.05108		mg/Kg		102	76 - 137	3	20
Chloroform			0.0500	0.04502		mg/Kg		90	80 - 121	1	20
Chloromethane			0.0500	0.05587		mg/Kg		112	74 - 133	1	20
Dibromochloromethane			0.0500	0.04802		mg/Kg		96	80 - 132	1	20
Dibromomethane			0.0500	0.04731		mg/Kg		95	80 - 120	3	20
Dichlorodifluoromethane			0.0500	0.06152		mg/Kg		123	63 - 146	1	20
Di-isopropyl ether (DIPE)			0.0500	0.05253		mg/Kg		105	73 - 132	1	20
Ethanol			0.500	0.6764		mg/Kg		135	46 - 159	1	30
Ethylbenzene			0.0500	0.04742		mg/Kg		95	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)			0.0500	0.04833		mg/Kg		97	77 - 129	1	20
Isopropylbenzene			0.0500	0.04647		mg/Kg		93	80 - 122	4	20
Methylene Chloride			0.0500	0.04437		mg/Kg		89	74 - 120	1	20
Methyl-t-Butyl Ether (MTBE)			0.0500	0.04487		mg/Kg		90	79 - 123	1	20
Naphthalene			0.0500	0.04754		mg/Kg		95	79 - 121	3	20
n-Butylbenzene			0.0500	0.05021		mg/Kg		100	79 - 131	4	20
N-Propylbenzene			0.0500	0.04716		mg/Kg		94	80 - 122	4	20
o-Xylene			0.0500	0.04508		mg/Kg		90	80 - 120	3	20
m,p-Xylene			0.100	0.09040		mg/Kg		90	80 - 120	3	20
p-Isopropyltoluene			0.0500	0.04818		mg/Kg		96	80 - 126	4	20
sec-Butylbenzene			0.0500	0.04862		mg/Kg		97	80 - 125	4	20
Styrene			0.0500	0.04554		mg/Kg		91	80 - 120	4	20
trans-1,2-Dichloroethene			0.0500	0.04713		mg/Kg		94	75 - 123	1	20
trans-1,3-Dichloropropene			0.0500	0.05014		mg/Kg		100	80 - 124	1	20
Tert-amyl-methyl ether (TAME)			0.0500	0.04718		mg/Kg		94	80 - 120	2	20
tert-Butyl alcohol (TBA)			0.250	0.2466		mg/Kg		99	74 - 123	1	20
tert-Butylbenzene			0.0500	0.04761		mg/Kg		95	80 - 124	4	20
Tetrachloroethene			0.0500	0.05153		mg/Kg		103	80 - 122	4	20
Toluene			0.0500	0.04684		mg/Kg		94	80 - 120	3	20
Trichloroethene			0.0500	0.05075		mg/Kg		102	80 - 127	2	20
Trichlorofluoromethane			0.0500	0.04871		mg/Kg		97	70 - 144	0	20
Vinyl acetate			0.0500	0.04838		mg/Kg		97	71 - 125	6	20
Vinyl chloride			0.0500	0.05316		mg/Kg		106	79 - 133	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-514557/4
Matrix: Solid
Analysis Batch: 514557

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-511822/1-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Aniline	ND		0.50	0.095	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Anthracene	ND		0.50	0.078	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzidine	ND		5.0	0.58	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/09/24 17:26	12/12/24 10:02	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511822/1-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511822

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Chrysene	ND		0.50	0.083	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Fluorene	ND		0.50	0.094	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Isophorone	ND		0.50	0.080	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Phenol	ND		0.50	0.097	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Pyrene	ND		0.50	0.10	mg/Kg		12/09/24 17:26	12/12/24 10:02	1
Pyridine	ND		0.50	0.24	mg/Kg		12/09/24 17:26	12/12/24 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/09/24 17:26*	*12/12/24 10:02*	*1*
2-Fluorobiphenyl (Surr)	*88*		*14 - 142*	*12/09/24 17:26*	*12/12/24 10:02*	*1*
2-Fluorophenol (Surr)	*96*		*10 - 123*	*12/09/24 17:26*	*12/12/24 10:02*	*1*
Nitrobenzene-d5 (Surr)	*82*		*10 - 129*	*12/09/24 17:26*	*12/12/24 10:02*	*1*
p-Terphenyl-d14 (Surr)	*89*		*31 - 139*	*12/09/24 17:26*	*12/12/24 10:02*	*1*
Phenol-d6 (Surr)	*95*		*10 - 120*	*12/09/24 17:26*	*12/12/24 10:02*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511822/2-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.763		mg/Kg		95	24 - 137
1,2-Dichlorobenzene	5.00	4.328		mg/Kg		87	24 - 148
1,3-Dichlorobenzene	5.00	4.232		mg/Kg		85	22 - 144
1,4-Dichlorobenzene	5.00	4.191		mg/Kg		84	24 - 143
1-Methylnaphthalene	5.00	4.512		mg/Kg		90	26 - 143
2,4,5-Trichlorophenol	5.00	4.954		mg/Kg		99	24 - 139
2,4,6-Trichlorophenol	5.00	4.940		mg/Kg		99	26 - 140
2,4-Dichlorophenol	5.00	4.867		mg/Kg		97	24 - 139
2,4-Dimethylphenol	5.00	5.018		mg/Kg		100	23 - 136
2,4-Dinitrophenol	5.00	5.587		mg/Kg		112	10 - 174
2,4-Dinitrotoluene	5.00	4.669		mg/Kg		93	28 - 166
2,6-Dichlorophenol	5.00	5.043		mg/Kg		101	23 - 134
2,6-Dinitrotoluene	5.00	4.697		mg/Kg		94	30 - 157
2-Chloronaphthalene	5.00	4.700		mg/Kg		94	30 - 144
2-Chlorophenol	5.00	5.085		mg/Kg		102	26 - 157
2-Methylnaphthalene	5.00	5.022		mg/Kg		100	23 - 134
2-Methylphenol	5.00	5.414		mg/Kg		108	30 - 161
2-Nitroaniline	5.00	4.226		mg/Kg		85	16 - 142
2-Nitrophenol	5.00	4.774		mg/Kg		95	23 - 142
3,3'-Dichlorobenzidine	5.00	2.963		mg/Kg		59	28 - 143
3/4-Methylphenol	10.0	10.96		mg/Kg		110	10 - 120
3-Nitroaniline	5.00	3.817		mg/Kg		76	25 - 138
4,6-Dinitro-2-methylphenol	5.00	4.890		mg/Kg		98	10 - 144
4-Bromophenyl phenyl ether	5.00	4.448		mg/Kg		89	33 - 150
4-Chloro-3-methylphenol	5.00	4.953		mg/Kg		99	23 - 142
4-Chloroaniline	5.00	3.248		mg/Kg		65	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.813		mg/Kg		96	29 - 143
4-Nitroaniline	5.00	4.668		mg/Kg		93	26 - 147
4-Nitrophenol	5.00	3.683		mg/Kg		74	10 - 145
Acenaphthene	5.00	4.632		mg/Kg		93	30 - 144
Acenaphthylene	5.00	4.557		mg/Kg		91	28 - 148
Aniline	5.00	3.734		mg/Kg		75	10 - 120
Anthracene	5.00	4.632		mg/Kg		93	30 - 149
Azobenzene	5.00	4.423		mg/Kg		88	14 - 147
Benzidine	5.00	1.095	J	mg/Kg		22	10 - 120
Benzo[a]anthracene	5.00	5.071		mg/Kg		101	27 - 156
Benzo[a]pyrene	5.00	3.827		mg/Kg		77	36 - 157
Benzo[b]fluoranthene	5.00	3.816		mg/Kg		76	35 - 159
Benzo[g,h,i]perylene	5.00	4.428		mg/Kg		89	30 - 156
Benzo[k]fluoranthene	5.00	4.081		mg/Kg		82	35 - 159
Benzoic acid	5.00	3.521		mg/Kg		70	10 - 136
Benzyl alcohol	5.00	4.808		mg/Kg		96	18 - 154
Bis(2-chloroethoxy)methane	5.00	5.267		mg/Kg		105	21 - 140
Bis(2-chloroethyl)ether	5.00	4.952		mg/Kg		99	22 - 151
bis (2-Chloroisopropyl) ether	5.00	4.059		mg/Kg		81	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.786		mg/Kg		96	23 - 166
Butyl benzyl phthalate	5.00	5.034		mg/Kg		101	18 - 170
Chrysene	5.00	4.629		mg/Kg		93	28 - 145

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511822/2-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511822

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	5.00	4.498		mg/Kg		90	32 - 149
Dibenzofuran	5.00	4.764		mg/Kg		95	29 - 143
Diethyl phthalate	5.00	4.494		mg/Kg		90	26 - 151
Dimethyl phthalate	5.00	4.311		mg/Kg		86	27 - 150
Di-n-butyl phthalate	5.00	4.184		mg/Kg		84	27 - 152
Di-n-octyl phthalate	5.00	4.256		mg/Kg		85	40 - 178
Fluoranthene	5.00	4.079		mg/Kg		82	33 - 156
Fluorene	5.00	4.810		mg/Kg		96	27 - 146
Hexachloro-1,3-butadiene	5.00	5.015		mg/Kg		100	22 - 140
Hexachlorobenzene	5.00	3.857		mg/Kg		77	20 - 143
Hexachlorocyclopentadiene	5.00	4.741		mg/Kg		95	10 - 172
Hexachloroethane	5.00	4.109		mg/Kg		82	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.739		mg/Kg		95	38 - 157
Isophorone	5.00	4.626		mg/Kg		93	15 - 165
Naphthalene	5.00	4.487		mg/Kg		90	25 - 140
Nitrobenzene	5.00	5.087		mg/Kg		102	17 - 136
N-Nitrosodimethylamine	5.00	4.638		mg/Kg		93	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.358		mg/Kg		87	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.236		mg/Kg		105	33 - 166
Pentachlorophenol	5.00	5.070		mg/Kg		101	10 - 141
Phenanthrene	5.00	4.380		mg/Kg		88	29 - 144
Phenol	5.00	4.800		mg/Kg		96	19 - 164
Pyrene	5.00	6.093		mg/Kg		122	17 - 156
Pyridine	5.00	3.451		mg/Kg		69	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 134*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*
2-Fluorophenol (Surr)	*102*		*10 - 123*
Nitrobenzene-d5 (Surr)	*94*		*10 - 129*
p-Terphenyl-d14 (Surr)	*108*		*31 - 139*
Phenol-d6 (Surr)	*99*		*10 - 120*

Lab Sample ID: LCSD 570-511822/3-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511822

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	5.107		mg/Kg		102	24 - 137	7	30
1,2-Dichlorobenzene	5.00	4.827		mg/Kg		97	24 - 148	11	30
1,3-Dichlorobenzene	5.00	4.583		mg/Kg		92	22 - 144	8	30
1,4-Dichlorobenzene	5.00	4.310		mg/Kg		86	24 - 143	3	30
1-Methylnaphthalene	5.00	4.953		mg/Kg		99	26 - 143	9	24
2,4,5-Trichlorophenol	5.00	4.976		mg/Kg		100	24 - 139	0	21
2,4,6-Trichlorophenol	5.00	4.789		mg/Kg		96	26 - 140	3	23
2,4-Dichlorophenol	5.00	5.618		mg/Kg		112	24 - 139	14	27
2,4-Dimethylphenol	5.00	5.226		mg/Kg		105	23 - 136	4	27
2,4-Dinitrophenol	5.00	6.041		mg/Kg		121	10 - 174	8	27

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511822/3-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511822

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrotoluene	5.00	5.112		mg/Kg		102	28 - 166	9	27
2,6-Dichlorophenol	5.00	5.564		mg/Kg		111	23 - 134	10	25
2,6-Dinitrotoluene	5.00	4.743		mg/Kg		95	30 - 157	1	25
2-Chloronaphthalene	5.00	5.060		mg/Kg		101	30 - 144	7	22
2-Chlorophenol	5.00	5.247		mg/Kg		105	26 - 157	3	30
2-Methylnaphthalene	5.00	5.475		mg/Kg		110	23 - 134	9	27
2-Methylphenol	5.00	5.663		mg/Kg		113	30 - 161	5	28
2-Nitroaniline	5.00	4.540		mg/Kg		91	16 - 142	7	30
2-Nitrophenol	5.00	5.244		mg/Kg		105	23 - 142	9	30
3,3'-Dichlorobenzidine	5.00	2.940		mg/Kg		59	28 - 143	1	23
3/4-Methylphenol	10.0	11.13		mg/Kg		111	10 - 120	1	30
3-Nitroaniline	5.00	3.935		mg/Kg		79	25 - 138	3	27
4,6-Dinitro-2-methylphenol	5.00	5.242		mg/Kg		105	10 - 144	7	23
4-Bromophenyl phenyl ether	5.00	4.805		mg/Kg		96	33 - 150	8	22
4-Chloro-3-methylphenol	5.00	5.630		mg/Kg		113	23 - 142	13	30
4-Chloroaniline	5.00	3.553		mg/Kg		71	12 - 120	9	29
4-Chlorophenyl phenyl ether	5.00	5.010		mg/Kg		100	29 - 143	4	23
4-Nitroaniline	5.00	4.498		mg/Kg		90	26 - 147	4	29
4-Nitrophenol	5.00	3.724		mg/Kg		74	10 - 145	1	30
Acenaphthene	5.00	4.974		mg/Kg		99	30 - 144	7	22
Acenaphthylene	5.00	4.818		mg/Kg		96	28 - 148	6	25
Aniline	5.00	3.898		mg/Kg		78	10 - 120	4	30
Anthracene	5.00	5.101		mg/Kg		102	30 - 149	10	24
Azobenzene	5.00	4.918		mg/Kg		98	14 - 147	11	30
Benzidine	5.00	1.046	J	mg/Kg		21	10 - 120	5	30
Benzo[a]anthracene	5.00	5.244		mg/Kg		105	27 - 156	3	24
Benzo[a]pyrene	5.00	4.409		mg/Kg		88	36 - 157	14	21
Benzo[b]fluoranthene	5.00	4.266		mg/Kg		85	35 - 159	11	21
Benzo[g,h,i]perylene	5.00	4.897		mg/Kg		98	30 - 156	10	25
Benzo[k]fluoranthene	5.00	4.534		mg/Kg		91	35 - 159	11	22
Benzoic acid	5.00	3.987		mg/Kg		80	10 - 136	12	20
Benzyl alcohol	5.00	4.996		mg/Kg		100	18 - 154	4	30
Bis(2-chloroethoxy)methane	5.00	5.922		mg/Kg		118	21 - 140	12	29
Bis(2-chloroethyl)ether	5.00	5.127		mg/Kg		103	22 - 151	3	30
bis (2-Chloroisopropyl) ether	5.00	4.063		mg/Kg		81	10 - 179	0	30
Bis(2-ethylhexyl) phthalate	5.00	5.033		mg/Kg		101	23 - 166	5	27
Butyl benzyl phthalate	5.00	5.192		mg/Kg		104	18 - 170	3	29
Chrysene	5.00	4.693		mg/Kg		94	28 - 145	1	21
Dibenz(a,h)anthracene	5.00	4.820		mg/Kg		96	32 - 149	7	25
Dibenzofuran	5.00	5.102		mg/Kg		102	29 - 143	7	24
Diethyl phthalate	5.00	4.591		mg/Kg		92	26 - 151	2	26
Dimethyl phthalate	5.00	4.673		mg/Kg		93	27 - 150	8	24
Di-n-butyl phthalate	5.00	4.563		mg/Kg		91	27 - 152	9	27
Di-n-octyl phthalate	5.00	4.270		mg/Kg		85	40 - 178	0	21
Fluoranthene	5.00	4.335		mg/Kg		87	33 - 156	6	26
Fluorene	5.00	5.121		mg/Kg		102	27 - 146	6	26
Hexachloro-1,3-butadiene	5.00	5.469		mg/Kg		109	22 - 140	9	30
Hexachlorobenzene	5.00	4.312		mg/Kg		86	20 - 143	11	25
Hexachlorocyclopentadiene	5.00	5.191		mg/Kg		104	10 - 172	9	27

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511822/3-A
Matrix: Solid
Analysis Batch: 513024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511822

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane			5.00	4.249		mg/Kg		85	22 - 144	3	30
Indeno[1,2,3-cd]pyrene			5.00	5.207		mg/Kg		104	38 - 157	9	25
Isophorone			5.00	5.132		mg/Kg		103	15 - 165	10	30
Naphthalene			5.00	5.021		mg/Kg		100	25 - 140	11	28
Nitrobenzene			5.00	5.440		mg/Kg		109	17 - 136	7	30
N-Nitrosodimethylamine			5.00	5.316		mg/Kg		106	10 - 134	14	30
N-Nitrosodi-n-propylamine			5.00	4.589		mg/Kg		92	16 - 158	5	30
n-Nitrosodiphenylamine(as diphenylamine)			5.00	5.638		mg/Kg		113	33 - 166	7	23
Pentachlorophenol			5.00	5.486		mg/Kg		110	10 - 141	8	25
Phenanthrene			5.00	4.884		mg/Kg		98	29 - 144	11	23
Phenol			5.00	5.112		mg/Kg		102	19 - 164	6	30
Pyrene			5.00	6.469		mg/Kg		129	17 - 156	6	27
Pyridine			5.00	3.557		mg/Kg		71	10 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*10 - 134*
2-Fluorobiphenyl (Surr)	*89*		*14 - 142*
2-Fluorophenol (Surr)	*111*		*10 - 123*
Nitrobenzene-d5 (Surr)	*98*		*10 - 129*
p-Terphenyl-d14 (Surr)	*123*		*31 - 139*
Phenol-d6 (Surr)	*108*		*10 - 120*

Lab Sample ID: MB 570-511848/1-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.12	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
1,2-Dichlorobenzene	ND		0.50	0.084	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
1,3-Dichlorobenzene	ND		0.50	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
1,4-Dichlorobenzene	ND		0.50	0.096	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
1-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4,5-Trichlorophenol	ND		0.50	0.20	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4,6-Trichlorophenol	ND		0.50	0.12	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4-Dichlorophenol	ND		0.50	0.13	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4-Dimethylphenol	ND		0.50	0.13	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4-Dinitrophenol	ND		2.0	0.91	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,4-Dinitrotoluene	ND		0.50	0.081	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,6-Dichlorophenol	ND		0.50	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2,6-Dinitrotoluene	ND		0.50	0.086	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Chloronaphthalene	ND		0.50	0.087	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Chlorophenol	ND		0.50	0.13	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Methylnaphthalene	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Methylphenol	ND		0.50	0.097	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Nitroaniline	ND		0.50	0.092	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
2-Nitrophenol	ND		0.50	0.14	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
3,3'-Dichlorobenzidine	ND		2.5	0.54	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
3/4-Methylphenol	ND		1.0	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511848/1-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	ND		0.50	0.084	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.95	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Bromophenyl phenyl ether	ND		0.50	0.073	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Chloro-3-methylphenol	ND		0.50	0.093	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Chloroaniline	ND		0.50	0.082	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Chlorophenyl phenyl ether	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Nitroaniline	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
4-Nitrophenol	ND		0.50	0.32	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Acenaphthene	ND		0.50	0.079	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Acenaphthylene	ND		0.50	0.096	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Aniline	ND		0.50	0.095	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Anthracene	ND		0.50	0.078	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Azobenzene	ND		0.50	0.078	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzidine	ND		5.0	0.58	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzo[a]anthracene	ND		0.50	0.083	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzo[a]pyrene	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzo[b]fluoranthene	ND		0.50	0.085	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzo[g,h,i]perylene	ND		0.50	0.089	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzo[k]fluoranthene	ND		0.50	0.095	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzoic acid	ND		2.5	0.67	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Benzyl alcohol	ND		0.50	0.17	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Bis(2-chloroethoxy)methane	ND		0.50	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Bis(2-chloroethyl)ether	ND		2.5	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.12	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.22	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Butyl benzyl phthalate	ND		0.50	0.24	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Chrysene	ND		0.50	0.083	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Dibenz(a,h)anthracene	ND		0.50	0.080	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Dibenzofuran	ND		0.50	0.095	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Diethyl phthalate	ND		0.50	0.12	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Dimethyl phthalate	ND		0.50	0.098	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Di-n-butyl phthalate	ND		0.50	0.11	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Di-n-octyl phthalate	ND		0.50	0.23	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Fluoranthene	ND		0.50	0.095	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Fluorene	ND		0.50	0.094	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Hexachloro-1,3-butadiene	ND		0.50	0.13	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Hexachlorobenzene	ND		0.50	0.080	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Hexachlorocyclopentadiene	ND		1.5	0.087	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Hexachloroethane	ND		0.50	0.092	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.12	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Isophorone	ND		0.50	0.080	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Naphthalene	ND		0.50	0.14	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Nitrobenzene	ND		2.0	0.14	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
N-Nitrosodimethylamine	ND		0.50	0.089	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
N-Nitrosodi-n-propylamine	ND		0.50	0.086	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		0.50	0.085	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Pentachlorophenol	ND		2.5	1.8	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Phenanthrene	ND		0.50	0.072	mg/Kg		12/09/24 18:30	12/12/24 14:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511848/1-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.50	0.097	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Pyrene	ND		0.50	0.10	mg/Kg		12/09/24 18:30	12/12/24 14:53	1
Pyridine	ND		0.50	0.24	mg/Kg		12/09/24 18:30	12/12/24 14:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 134*	*12/09/24 18:30*	*12/12/24 14:53*	*1*
2-Fluorobiphenyl (Surr)	*79*		*14 - 142*	*12/09/24 18:30*	*12/12/24 14:53*	*1*
2-Fluorophenol (Surr)	*88*		*10 - 123*	*12/09/24 18:30*	*12/12/24 14:53*	*1*
Nitrobenzene-d5 (Surr)	*82*		*10 - 129*	*12/09/24 18:30*	*12/12/24 14:53*	*1*
p-Terphenyl-d14 (Surr)	*81*		*31 - 139*	*12/09/24 18:30*	*12/12/24 14:53*	*1*
Phenol-d6 (Surr)	*84*		*10 - 120*	*12/09/24 18:30*	*12/12/24 14:53*	*1*

Lab Sample ID: LCS 570-511848/2-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	4.263		mg/Kg		85	24 - 137
1,2-Dichlorobenzene	5.00	4.492		mg/Kg		90	24 - 148
1,3-Dichlorobenzene	5.00	4.258		mg/Kg		85	22 - 144
1,4-Dichlorobenzene	5.00	4.025		mg/Kg		81	24 - 143
1-Methylnaphthalene	5.00	4.250		mg/Kg		85	26 - 143
2,4,5-Trichlorophenol	5.00	4.355		mg/Kg		87	24 - 139
2,4,6-Trichlorophenol	5.00	4.233		mg/Kg		85	26 - 140
2,4-Dichlorophenol	5.00	4.406		mg/Kg		88	24 - 139
2,4-Dimethylphenol	5.00	4.232		mg/Kg		85	23 - 136
2,4-Dinitrophenol	5.00	5.503		mg/Kg		110	10 - 174
2,4-Dinitrotoluene	5.00	5.440		mg/Kg		109	28 - 166
2,6-Dichlorophenol	5.00	4.364		mg/Kg		87	23 - 134
2,6-Dinitrotoluene	5.00	4.901		mg/Kg		98	30 - 157
2-Chloronaphthalene	5.00	4.282		mg/Kg		86	30 - 144
2-Chlorophenol	5.00	4.648		mg/Kg		93	26 - 157
2-Methylnaphthalene	5.00	4.953		mg/Kg		99	23 - 134
2-Methylphenol	5.00	4.861		mg/Kg		97	30 - 161
2-Nitroaniline	5.00	4.401		mg/Kg		88	16 - 142
2-Nitrophenol	5.00	4.145		mg/Kg		83	23 - 142
3,3'-Dichlorobenzidine	5.00	2.859		mg/Kg		57	28 - 143
3/4-Methylphenol	10.0	9.169		mg/Kg		92	10 - 120
3-Nitroaniline	5.00	3.603		mg/Kg		72	25 - 138
4,6-Dinitro-2-methylphenol	5.00	5.231		mg/Kg		105	10 - 144
4-Bromophenyl phenyl ether	5.00	4.368		mg/Kg		87	33 - 150
4-Chloro-3-methylphenol	5.00	4.328		mg/Kg		87	23 - 142
4-Chloroaniline	5.00	2.789		mg/Kg		56	12 - 120
4-Chlorophenyl phenyl ether	5.00	4.558		mg/Kg		91	29 - 143
4-Nitroaniline	5.00	4.968		mg/Kg		99	26 - 147
4-Nitrophenol	5.00	3.427		mg/Kg		69	10 - 145
Acenaphthene	5.00	4.264		mg/Kg		85	30 - 144
Acenaphthylene	5.00	4.121		mg/Kg		82	28 - 148

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511848/2-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aniline	5.00	2.660		mg/Kg		53	10 - 120
Anthracene	5.00	4.615		mg/Kg		92	30 - 149
Azobenzene	5.00	4.007		mg/Kg		80	14 - 147
Benzidine	5.00	1.070	J	mg/Kg		21	10 - 120
Benzo[a]anthracene	5.00	4.535		mg/Kg		91	27 - 156
Benzo[a]pyrene	5.00	5.028		mg/Kg		101	36 - 157
Benzo[b]fluoranthene	5.00	4.949		mg/Kg		99	35 - 159
Benzo[g,h,i]perylene	5.00	4.499		mg/Kg		90	30 - 156
Benzo[k]fluoranthene	5.00	4.740		mg/Kg		95	35 - 159
Benzoic acid	5.00	3.562		mg/Kg		71	10 - 136
Benzyl alcohol	5.00	3.683		mg/Kg		74	18 - 154
Bis(2-chloroethoxy)methane	5.00	4.133		mg/Kg		83	21 - 140
Bis(2-chloroethyl)ether	5.00	4.098		mg/Kg		82	22 - 151
bis (2-Chloroisopropyl) ether	5.00	3.740		mg/Kg		75	10 - 179
Bis(2-ethylhexyl) phthalate	5.00	4.576		mg/Kg		92	23 - 166
Butyl benzyl phthalate	5.00	4.534		mg/Kg		91	18 - 170
Chrysene	5.00	4.469		mg/Kg		89	28 - 145
Dibenz(a,h)anthracene	5.00	4.687		mg/Kg		94	32 - 149
Dibenzofuran	5.00	4.441		mg/Kg		89	29 - 143
Diethyl phthalate	5.00	4.707		mg/Kg		94	26 - 151
Dimethyl phthalate	5.00	4.464		mg/Kg		89	27 - 150
Di-n-butyl phthalate	5.00	4.754		mg/Kg		95	27 - 152
Di-n-octyl phthalate	5.00	4.639		mg/Kg		93	40 - 178
Fluoranthene	5.00	4.837		mg/Kg		97	33 - 156
Fluorene	5.00	4.469		mg/Kg		89	27 - 146
Hexachloro-1,3-butadiene	5.00	4.382		mg/Kg		88	22 - 140
Hexachlorobenzene	5.00	4.274		mg/Kg		85	20 - 143
Hexachlorocyclopentadiene	5.00	4.178		mg/Kg		84	10 - 172
Hexachloroethane	5.00	3.924		mg/Kg		78	22 - 144
Indeno[1,2,3-cd]pyrene	5.00	4.670		mg/Kg		93	38 - 157
Isophorone	5.00	3.718		mg/Kg		74	15 - 165
Naphthalene	5.00	4.238		mg/Kg		85	25 - 140
Nitrobenzene	5.00	3.883		mg/Kg		78	17 - 136
N-Nitrosodimethylamine	5.00	3.604		mg/Kg		72	10 - 134
N-Nitrosodi-n-propylamine	5.00	4.113		mg/Kg		82	16 - 158
n-Nitrosodiphenylamine(as diphenylamine)	5.00	5.240		mg/Kg		105	33 - 166
Pentachlorophenol	5.00	3.829		mg/Kg		77	10 - 141
Phenanthrene	5.00	4.468		mg/Kg		89	29 - 144
Phenol	5.00	4.628		mg/Kg		93	19 - 164
Pyrene	5.00	4.151		mg/Kg		83	17 - 156
Pyridine	5.00	3.459		mg/Kg		69	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 134*
2-Fluorobiphenyl (Surr)	*80*		*14 - 142*
2-Fluorophenol (Surr)	*92*		*10 - 123*
Nitrobenzene-d5 (Surr)	*74*		*10 - 129*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511848/2-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511848

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl-d14 (Surr)	*81*		*31 - 139*
Phenol-d6 (Surr)	*90*		*10 - 120*

Lab Sample ID: LCSD 570-511848/3-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511848

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	4.082		mg/Kg		82	24 - 137	4	30
1,2-Dichlorobenzene			5.00	3.865		mg/Kg		77	24 - 148	15	30
1,3-Dichlorobenzene			5.00	3.744		mg/Kg		75	22 - 144	13	30
1,4-Dichlorobenzene			5.00	3.549		mg/Kg		71	24 - 143	13	30
1-Methylnaphthalene			5.00	4.080		mg/Kg		82	26 - 143	4	24
2,4,5-Trichlorophenol			5.00	4.123		mg/Kg		82	24 - 139	5	21
2,4,6-Trichlorophenol			5.00	3.920		mg/Kg		78	26 - 140	8	23
2,4-Dichlorophenol			5.00	4.241		mg/Kg		85	24 - 139	4	27
2,4-Dimethylphenol			5.00	4.013		mg/Kg		80	23 - 136	5	27
2,4-Dinitrophenol			5.00	5.648		mg/Kg		113	10 - 174	3	27
2,4-Dinitrotoluene			5.00	5.141		mg/Kg		103	28 - 166	6	27
2,6-Dichlorophenol			5.00	4.272		mg/Kg		85	23 - 134	2	25
2,6-Dinitrotoluene			5.00	4.757		mg/Kg		95	30 - 157	3	25
2-Chloronaphthalene			5.00	4.134		mg/Kg		83	30 - 144	4	22
2-Chlorophenol			5.00	4.027		mg/Kg		81	26 - 157	14	30
2-Methylnaphthalene			5.00	4.644		mg/Kg		93	23 - 134	6	27
2-Methylphenol			5.00	4.243		mg/Kg		85	30 - 161	14	28
2-Nitroaniline			5.00	4.108		mg/Kg		82	16 - 142	7	30
2-Nitrophenol			5.00	4.270		mg/Kg		85	23 - 142	3	30
3,3'-Dichlorobenzidine			5.00	3.566		mg/Kg		71	28 - 143	22	23
3/4-Methylphenol			10.0	8.222		mg/Kg		82	10 - 120	11	30
3-Nitroaniline			5.00	3.941		mg/Kg		79	25 - 138	9	27
4,6-Dinitro-2-methylphenol			5.00	5.322		mg/Kg		106	10 - 144	2	23
4-Bromophenyl phenyl ether			5.00	4.049		mg/Kg		81	33 - 150	8	22
4-Chloro-3-methylphenol			5.00	4.133		mg/Kg		83	23 - 142	5	30
4-Chloroaniline			5.00	3.399		mg/Kg		68	12 - 120	20	29
4-Chlorophenyl phenyl ether			5.00	4.253		mg/Kg		85	29 - 143	7	23
4-Nitroaniline			5.00	4.553		mg/Kg		91	26 - 147	9	29
4-Nitrophenol			5.00	3.864		mg/Kg		77	10 - 145	12	30
Acenaphthene			5.00	4.038		mg/Kg		81	30 - 144	5	22
Acenaphthylene			5.00	3.896		mg/Kg		78	28 - 148	6	25
Aniline			5.00	3.131		mg/Kg		63	10 - 120	16	30
Anthracene			5.00	4.382		mg/Kg		88	30 - 149	5	24
Azobenzene			5.00	3.908		mg/Kg		78	14 - 147	3	30
Benzidine			5.00	1.673	J *1	mg/Kg		33	10 - 120	44	30
Benzo[a]anthracene			5.00	4.374		mg/Kg		87	27 - 156	4	24
Benzo[a]pyrene			5.00	4.866		mg/Kg		97	36 - 157	3	21
Benzo[b]fluoranthene			5.00	4.805		mg/Kg		96	35 - 159	3	21
Benzo[g,h,i]perylene			5.00	4.237		mg/Kg		85	30 - 156	6	25
Benzo[k]fluoranthene			5.00	4.590		mg/Kg		92	35 - 159	3	22

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511848/3-A
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511848

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzoic acid			5.00	3.272		mg/Kg		65	10 - 136	8	20
Benzyl alcohol			5.00	3.354		mg/Kg		67	18 - 154	9	30
Bis(2-chloroethoxy)methane			5.00	3.924		mg/Kg		78	21 - 140	5	29
Bis(2-chloroethyl)ether			5.00	4.025		mg/Kg		81	22 - 151	2	30
bis (2-Chloroisopropyl) ether			5.00	3.390		mg/Kg		68	10 - 179	10	30
Bis(2-ethylhexyl) phthalate			5.00	4.376		mg/Kg		88	23 - 166	4	27
Butyl benzyl phthalate			5.00	4.353		mg/Kg		87	18 - 170	4	29
Chrysene			5.00	4.354		mg/Kg		87	28 - 145	3	21
Dibenz(a,h)anthracene			5.00	4.523		mg/Kg		90	32 - 149	4	25
Dibenzofuran			5.00	4.197		mg/Kg		84	29 - 143	6	24
Diethyl phthalate			5.00	4.336		mg/Kg		87	26 - 151	8	26
Dimethyl phthalate			5.00	4.245		mg/Kg		85	27 - 150	5	24
Di-n-butyl phthalate			5.00	4.454		mg/Kg		89	27 - 152	7	27
Di-n-octyl phthalate			5.00	4.407		mg/Kg		88	40 - 178	5	21
Fluoranthene			5.00	4.532		mg/Kg		91	33 - 156	7	26
Fluorene			5.00	4.277		mg/Kg		86	27 - 146	4	26
Hexachloro-1,3-butadiene			5.00	4.130		mg/Kg		83	22 - 140	6	30
Hexachlorobenzene			5.00	3.931		mg/Kg		79	20 - 143	8	25
Hexachlorocyclopentadiene			5.00	4.034		mg/Kg		81	10 - 172	3	27
Hexachloroethane			5.00	3.477		mg/Kg		70	22 - 144	12	30
Indeno[1,2,3-cd]pyrene			5.00	4.562		mg/Kg		91	38 - 157	2	25
Isophorone			5.00	3.618		mg/Kg		72	15 - 165	3	30
Naphthalene			5.00	4.027		mg/Kg		81	25 - 140	5	28
Nitrobenzene			5.00	3.695		mg/Kg		74	17 - 136	5	30
N-Nitrosodimethylamine			5.00	3.144		mg/Kg		63	10 - 134	14	30
N-Nitrosodi-n-propylamine			5.00	3.783		mg/Kg		76	16 - 158	8	30
n-Nitrosodiphenylamine(as diphenylamine)			5.00	4.860		mg/Kg		97	33 - 166	8	23
Pentachlorophenol			5.00	3.518		mg/Kg		70	10 - 141	8	25
Phenanthrene			5.00	4.191		mg/Kg		84	29 - 144	6	23
Phenol			5.00	4.091		mg/Kg		82	19 - 164	12	30
Pyrene			5.00	4.184		mg/Kg		84	17 - 156	1	27
Pyridine			5.00	2.983		mg/Kg		60	10 - 120	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 134*
2-Fluorobiphenyl (Surr)	*73*		*14 - 142*
2-Fluorophenol (Surr)	*80*		*10 - 123*
Nitrobenzene-d5 (Surr)	*73*		*10 - 129*
p-Terphenyl-d14 (Surr)	*78*		*31 - 139*
Phenol-d6 (Surr)	*82*		*10 - 120*

Lab Sample ID: 570-209997-12 MS
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.90	4.171		mg/Kg	☼	71	50 - 125
1,2-Dichlorobenzene	ND		5.90	4.312		mg/Kg	☼	73	42 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209997-12 MS
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	ND		5.90	4.122		mg/Kg	☼	70	40 - 125
1,4-Dichlorobenzene	ND		5.90	3.748		mg/Kg	☼	64	45 - 125
1-Methylnaphthalene	ND		5.90	4.222		mg/Kg	☼	72	54 - 125
2,4,5-Trichlorophenol	ND		5.90	3.938		mg/Kg	☼	67	35 - 125
2,4,6-Trichlorophenol	ND		5.90	3.697		mg/Kg	☼	63	33 - 126
2,4-Dichlorophenol	ND		5.90	4.208		mg/Kg	☼	71	45 - 125
2,4-Dimethylphenol	ND		5.90	3.345		mg/Kg	☼	57	44 - 125
2,4-Dinitrophenol	ND		5.90	2.702		mg/Kg	☼	46	10 - 125
2,4-Dinitrotoluene	ND		5.90	4.786		mg/Kg	☼	81	47 - 125
2,6-Dichlorophenol	ND		5.90	4.022		mg/Kg	☼	68	38 - 125
2,6-Dinitrotoluene	ND		5.90	4.632		mg/Kg	☼	79	41 - 125
2-Chloronaphthalene	ND		5.90	3.934		mg/Kg	☼	67	47 - 125
2-Chlorophenol	ND		5.90	4.318		mg/Kg	☼	73	49 - 125
2-Methylnaphthalene	ND		5.90	4.939		mg/Kg	☼	84	42 - 125
2-Methylphenol	ND		5.90	4.170		mg/Kg	☼	71	46 - 125
2-Nitroaniline	ND		5.90	3.812		mg/Kg	☼	65	43 - 125
2-Nitrophenol	ND		5.90	4.298		mg/Kg	☼	73	25 - 126
3,3'-Dichlorobenzidine	ND		5.90	2.899	J	mg/Kg	☼	49	29 - 125
3/4-Methylphenol	ND		11.8	8.485		mg/Kg	☼	72	26 - 125
3-Nitroaniline	ND		5.90	3.883		mg/Kg	☼	66	39 - 125
4,6-Dinitro-2-methylphenol	ND		5.90	3.743		mg/Kg	☼	63	10 - 125
4-Bromophenyl phenyl ether	ND		5.90	3.773		mg/Kg	☼	64	47 - 125
4-Chloro-3-methylphenol	ND		5.90	3.845		mg/Kg	☼	65	53 - 125
4-Chloroaniline	ND	F2	5.90	2.602		mg/Kg	☼	44	33 - 125
4-Chlorophenyl phenyl ether	ND		5.90	4.122		mg/Kg	☼	70	49 - 125
4-Nitroaniline	ND		5.90	4.391		mg/Kg	☼	74	35 - 125
4-Nitrophenol	ND		5.90	3.317		mg/Kg	☼	56	22 - 134
Acenaphthene	ND		5.90	3.955		mg/Kg	☼	67	51 - 125
Acenaphthylene	ND		5.90	3.672		mg/Kg	☼	62	54 - 125
Aniline	ND	F2	5.90	2.138		mg/Kg	☼	36	24 - 125
Anthracene	ND		5.90	4.133		mg/Kg	☼	70	50 - 125
Azobenzene	ND		5.90	3.633		mg/Kg	☼	62	48 - 125
Benzidine	ND	F1 *1	5.90	ND	F1	mg/Kg	☼	0	10 - 126
Benzo[a]anthracene	ND		5.90	4.105		mg/Kg	☼	70	62 - 125
Benzo[a]pyrene	ND		5.90	4.619		mg/Kg	☼	78	55 - 131
Benzo[b]fluoranthene	ND		5.90	4.381		mg/Kg	☼	74	49 - 128
Benzo[g,h,i]perylene	ND		5.90	4.112		mg/Kg	☼	70	56 - 125
Benzo[k]fluoranthene	ND		5.90	4.438		mg/Kg	☼	75	48 - 125
Benzoic acid	ND	F1	5.90	ND	F1	mg/Kg	☼	0	10 - 125
Benzyl alcohol	ND		5.90	3.514		mg/Kg	☼	60	47 - 125
Bis(2-chloroethoxy)methane	ND		5.90	3.957		mg/Kg	☼	67	48 - 125
Bis(2-chloroethyl)ether	ND		5.90	3.992		mg/Kg	☼	68	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.90	3.542		mg/Kg	☼	60	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.90	4.092		mg/Kg	☼	69	50 - 125
Butyl benzyl phthalate	ND		5.90	3.948		mg/Kg	☼	67	58 - 125
Chrysene	ND		5.90	4.102		mg/Kg	☼	70	53 - 125
Dibenz(a,h)anthracene	ND		5.90	4.393		mg/Kg	☼	75	57 - 125
Dibenzofuran	ND		5.90	4.074		mg/Kg	☼	69	47 - 125
Diethyl phthalate	ND		5.90	4.318		mg/Kg	☼	73	53 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209997-12 MS
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	ND		5.90	4.076		mg/Kg	☼	69	52 - 125
Di-n-butyl phthalate	ND		5.90	4.281		mg/Kg	☼	73	49 - 125
Di-n-octyl phthalate	ND		5.90	4.121		mg/Kg	☼	70	57 - 125
Fluoranthene	ND		5.90	4.357		mg/Kg	☼	74	50 - 125
Fluorene	ND		5.90	4.144		mg/Kg	☼	70	54 - 125
Hexachloro-1,3-butadiene	ND		5.90	4.283		mg/Kg	☼	73	43 - 125
Hexachlorobenzene	ND		5.90	3.928		mg/Kg	☼	67	55 - 125
Hexachlorocyclopentadiene	ND		5.90	3.990		mg/Kg	☼	68	10 - 150
Hexachloroethane	ND		5.90	3.794		mg/Kg	☼	64	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.90	4.399		mg/Kg	☼	75	55 - 125
Isophorone	ND		5.90	3.515		mg/Kg	☼	60	50 - 125
Naphthalene	ND		5.90	4.154		mg/Kg	☼	70	39 - 127
Nitrobenzene	ND		5.90	3.951		mg/Kg	☼	67	43 - 125
N-Nitrosodimethylamine	ND		5.90	3.149		mg/Kg	☼	53	36 - 125
N-Nitrosodi-n-propylamine	ND		5.90	3.856		mg/Kg	☼	65	47 - 125
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.90	4.417		mg/Kg	☼	75	57 - 134
Pentachlorophenol	ND		5.90	2.966		mg/Kg	☼	50	10 - 125
Phenanthrene	ND		5.90	3.977		mg/Kg	☼	67	51 - 125
Phenol	ND		5.90	4.198		mg/Kg	☼	71	45 - 125
Pyrene	ND		5.90	3.825		mg/Kg	☼	65	56 - 125
Pyridine	ND		5.90	3.353		mg/Kg	☼	57	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 134*
2-Fluorobiphenyl (Surr)	*61*		*14 - 142*
2-Fluorophenol (Surr)	*71*		*10 - 123*
Nitrobenzene-d5 (Surr)	*62*		*10 - 129*
p-Terphenyl-d14 (Surr)	*61*		*31 - 139*
Phenol-d6 (Surr)	*72*		*10 - 120*

Lab Sample ID: 570-209997-12 MSD
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.87	4.225		mg/Kg	☼	72	50 - 125	1	20
1,2-Dichlorobenzene	ND		5.87	4.412		mg/Kg	☼	75	42 - 125	2	20
1,3-Dichlorobenzene	ND		5.87	4.176		mg/Kg	☼	71	40 - 125	1	21
1,4-Dichlorobenzene	ND		5.87	3.889		mg/Kg	☼	66	45 - 125	4	24
1-Methylnaphthalene	ND		5.87	4.376		mg/Kg	☼	75	54 - 125	4	20
2,4,5-Trichlorophenol	ND		5.87	4.002		mg/Kg	☼	68	35 - 125	2	20
2,4,6-Trichlorophenol	ND		5.87	3.927		mg/Kg	☼	67	33 - 126	6	20
2,4-Dichlorophenol	ND		5.87	4.216		mg/Kg	☼	72	45 - 125	0	20
2,4-Dimethylphenol	ND		5.87	3.617		mg/Kg	☼	62	44 - 125	8	20
2,4-Dinitrophenol	ND		5.87	2.766		mg/Kg	☼	47	10 - 125	2	22
2,4-Dinitrotoluene	ND		5.87	5.200		mg/Kg	☼	89	47 - 125	8	20
2,6-Dichlorophenol	ND		5.87	4.154		mg/Kg	☼	71	38 - 125	3	20
2,6-Dinitrotoluene	ND		5.87	4.927		mg/Kg	☼	84	41 - 125	6	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209997-12 MSD
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chloronaphthalene	ND		5.87	4.139		mg/Kg	☼	71	47 - 125	5	20
2-Chlorophenol	ND		5.87	4.502		mg/Kg	☼	77	49 - 125	4	20
2-Methylnaphthalene	ND		5.87	4.844		mg/Kg	☼	83	42 - 125	2	20
2-Methylphenol	ND		5.87	4.463		mg/Kg	☼	76	46 - 125	7	20
2-Nitroaniline	ND		5.87	4.206		mg/Kg	☼	72	43 - 125	10	20
2-Nitrophenol	ND		5.87	4.270		mg/Kg	☼	73	25 - 126	1	21
3,3'-Dichlorobenzidine	ND		5.87	3.347		mg/Kg	☼	57	29 - 125	14	20
3/4-Methylphenol	ND		11.7	9.031		mg/Kg	☼	77	26 - 125	6	20
3-Nitroaniline	ND		5.87	4.043		mg/Kg	☼	69	39 - 125	4	20
4,6-Dinitro-2-methylphenol	ND		5.87	3.880		mg/Kg	☼	66	10 - 125	4	24
4-Bromophenyl phenyl ether	ND		5.87	3.968		mg/Kg	☼	68	47 - 125	5	20
4-Chloro-3-methylphenol	ND		5.87	4.317		mg/Kg	☼	74	53 - 125	12	20
4-Chloroaniline	ND	F2	5.87	3.204	F2	mg/Kg	☼	55	33 - 125	21	20
4-Chlorophenyl phenyl ether	ND		5.87	4.294		mg/Kg	☼	73	49 - 125	4	20
4-Nitroaniline	ND		5.87	4.539		mg/Kg	☼	77	35 - 125	3	20
4-Nitrophenol	ND		5.87	3.476		mg/Kg	☼	59	22 - 134	5	21
Acenaphthene	ND		5.87	4.116		mg/Kg	☼	70	51 - 125	4	20
Acenaphthylene	ND		5.87	3.928		mg/Kg	☼	67	54 - 125	7	20
Aniline	ND	F2	5.87	2.736	F2	mg/Kg	☼	47	24 - 125	25	20
Anthracene	ND		5.87	4.340		mg/Kg	☼	74	50 - 125	5	20
Azobenzene	ND		5.87	3.836		mg/Kg	☼	65	48 - 125	5	20
Benzidine	ND	F1 *1	5.87	ND	F1	mg/Kg	☼	0	10 - 126	NC	30
Benzo[a]anthracene	ND		5.87	4.353		mg/Kg	☼	74	62 - 125	6	20
Benzo[a]pyrene	ND		5.87	4.839		mg/Kg	☼	82	55 - 131	5	20
Benzo[b]fluoranthene	ND		5.87	4.662		mg/Kg	☼	79	49 - 128	6	20
Benzo[g,h,i]perylene	ND		5.87	4.251		mg/Kg	☼	72	56 - 125	3	20
Benzo[k]fluoranthene	ND		5.87	4.743		mg/Kg	☼	81	48 - 125	7	20
Benzoic acid	ND	F1	5.87	ND	F1	mg/Kg	☼	0	10 - 125	NC	35
Benzyl alcohol	ND		5.87	3.358		mg/Kg	☼	57	47 - 125	5	20
Bis(2-chloroethoxy)methane	ND		5.87	3.999		mg/Kg	☼	68	48 - 125	1	20
Bis(2-chloroethyl)ether	ND		5.87	4.071		mg/Kg	☼	69	43 - 125	2	20
bis (2-Chloroisopropyl) ether	ND		5.87	3.811		mg/Kg	☼	65	46 - 125	7	20
Bis(2-ethylhexyl) phthalate	ND		5.87	4.313		mg/Kg	☼	74	50 - 125	5	20
Butyl benzyl phthalate	ND		5.87	4.194		mg/Kg	☼	71	58 - 125	6	20
Chrysene	ND		5.87	4.283		mg/Kg	☼	73	53 - 125	4	20
Dibenz(a,h)anthracene	ND		5.87	4.533		mg/Kg	☼	77	57 - 125	3	20
Dibenzofuran	ND		5.87	4.217		mg/Kg	☼	72	47 - 125	3	20
Diethyl phthalate	ND		5.87	4.361		mg/Kg	☼	74	53 - 125	1	20
Dimethyl phthalate	ND		5.87	4.280		mg/Kg	☼	73	52 - 125	5	20
Di-n-butyl phthalate	ND		5.87	4.389		mg/Kg	☼	75	49 - 125	2	20
Di-n-octyl phthalate	ND		5.87	4.353		mg/Kg	☼	74	57 - 125	5	20
Fluoranthene	ND		5.87	4.524		mg/Kg	☼	77	50 - 125	4	20
Fluorene	ND		5.87	4.299		mg/Kg	☼	73	54 - 125	4	20
Hexachloro-1,3-butadiene	ND		5.87	4.546		mg/Kg	☼	77	43 - 125	6	20
Hexachlorobenzene	ND		5.87	3.902		mg/Kg	☼	67	55 - 125	1	20
Hexachlorocyclopentadiene	ND		5.87	4.137		mg/Kg	☼	71	10 - 150	4	33
Hexachloroethane	ND		5.87	3.971		mg/Kg	☼	68	27 - 125	5	27
Indeno[1,2,3-cd]pyrene	ND		5.87	4.577		mg/Kg	☼	78	55 - 125	4	20
Isophorone	ND		5.87	3.669		mg/Kg	☼	63	50 - 125	4	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209997-12 MSD
Matrix: Solid
Analysis Batch: 513021

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	ND		5.87	4.238		mg/Kg	☼	72	39 - 127	2	20
Nitrobenzene	ND		5.87	3.871		mg/Kg	☼	66	43 - 125	2	20
N-Nitrosodimethylamine	ND		5.87	3.389		mg/Kg	☼	58	36 - 125	7	26
N-Nitrosodi-n-propylamine	ND		5.87	4.096		mg/Kg	☼	70	47 - 125	6	20
n-Nitrosodiphenylamine(as diphenylamine)	ND		5.87	4.770		mg/Kg	☼	81	57 - 134	8	20
Pentachlorophenol	ND		5.87	3.250		mg/Kg	☼	55	10 - 125	9	20
Phenanthrene	ND		5.87	4.202		mg/Kg	☼	72	51 - 125	6	20
Phenol	ND		5.87	4.549		mg/Kg	☼	78	45 - 125	8	20
Pyrene	ND		5.87	4.001		mg/Kg	☼	68	56 - 125	5	20
Pyridine	ND		5.87	3.288		mg/Kg	☼	56	17 - 125	2	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 134*
2-Fluorobiphenyl (Surr)	*63*		*14 - 142*
2-Fluorophenol (Surr)	*74*		*10 - 123*
Nitrobenzene-d5 (Surr)	*61*		*10 - 129*
p-Terphenyl-d14 (Surr)	*65*		*31 - 139*
Phenol-d6 (Surr)	*74*		*10 - 120*

Lab Sample ID: MB 570-511926/1-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	0.77	ug/L		12/10/24 05:11	12/11/24 14:23	1
1,2-Dichlorobenzene	ND		10	0.59	ug/L		12/10/24 05:11	12/11/24 14:23	1
1,3-Dichlorobenzene	ND		10	0.76	ug/L		12/10/24 05:11	12/11/24 14:23	1
1,4-Dichlorobenzene	ND		10	0.70	ug/L		12/10/24 05:11	12/11/24 14:23	1
1-Methylnaphthalene	ND		10	0.95	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4,5-Trichlorophenol	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4,6-Trichlorophenol	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4-Dichlorophenol	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4-Dimethylphenol	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4-Dinitrophenol	ND		50	13	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,4-Dinitrotoluene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		12/10/24 05:11	12/11/24 14:23	1
2,6-Dinitrotoluene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Chloronaphthalene	ND		10	0.69	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Chlorophenol	ND		10	0.95	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Methylnaphthalene	ND		10	0.88	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Methylphenol	ND		10	0.80	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Nitroaniline	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 14:23	1
2-Nitrophenol	ND		10	2.3	ug/L		12/10/24 05:11	12/11/24 14:23	1
3,3'-Dichlorobenzidine	ND		10	2.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
3/4-Methylphenol	ND		10	0.76	ug/L		12/10/24 05:11	12/11/24 14:23	1
3-Nitroaniline	ND		10	1.8	ug/L		12/10/24 05:11	12/11/24 14:23	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/10/24 05:11	12/11/24 14:23	1
4-Bromophenyl phenyl ether	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-511926/1-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 14:23	1
4-Chloroaniline	ND		10	0.92	ug/L		12/10/24 05:11	12/11/24 14:23	1
4-Chlorophenyl phenyl ether	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 14:23	1
4-Nitroaniline	ND		10	2.7	ug/L		12/10/24 05:11	12/11/24 14:23	1
4-Nitrophenol	ND		10	3.7	ug/L		12/10/24 05:11	12/11/24 14:23	1
Acenaphthene	ND		10	0.91	ug/L		12/10/24 05:11	12/11/24 14:23	1
Acenaphthylene	ND		10	0.87	ug/L		12/10/24 05:11	12/11/24 14:23	1
Aniline	ND		10	0.79	ug/L		12/10/24 05:11	12/11/24 14:23	1
Anthracene	ND		10	0.98	ug/L		12/10/24 05:11	12/11/24 14:23	1
Azobenzene	ND		10	0.74	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzidine	ND		50	11	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzo[a]anthracene	ND		10	1.3	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzo[a]pyrene	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzo[b]fluoranthene	ND		10	1.7	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzo[g,h,i]perylene	ND		10	1.9	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzo[k]fluoranthene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzoic acid	ND		50	15	ug/L		12/10/24 05:11	12/11/24 14:23	1
Benzyl alcohol	ND		10	2.5	ug/L		12/10/24 05:11	12/11/24 14:23	1
Bis(2-chloroethoxy)methane	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 14:23	1
Bis(2-chloroethyl)ether	ND		25	7.7	ug/L		12/10/24 05:11	12/11/24 14:23	1
bis (2-Chloroisopropyl) ether	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Bis(2-ethylhexyl) phthalate	ND		10	4.9	ug/L		12/10/24 05:11	12/11/24 14:23	1
Butyl benzyl phthalate	ND		10	4.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
Chrysene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Dibenz(a,h)anthracene	ND		10	1.8	ug/L		12/10/24 05:11	12/11/24 14:23	1
Dibenzofuran	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 14:23	1
Diethyl phthalate	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Dimethyl phthalate	ND		10	0.93	ug/L		12/10/24 05:11	12/11/24 14:23	1
Di-n-butyl phthalate	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 14:23	1
Di-n-octyl phthalate	ND		10	4.6	ug/L		12/10/24 05:11	12/11/24 14:23	1
Fluoranthene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
Fluorene	ND		10	0.93	ug/L		12/10/24 05:11	12/11/24 14:23	1
Hexachloro-1,3-butadiene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
Hexachlorobenzene	ND		10	0.89	ug/L		12/10/24 05:11	12/11/24 14:23	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/10/24 05:11	12/11/24 14:23	1
Hexachloroethane	ND		10	0.88	ug/L		12/10/24 05:11	12/11/24 14:23	1
Indeno[1,2,3-cd]pyrene	ND		10	3.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
Isophorone	ND		10	1.4	ug/L		12/10/24 05:11	12/11/24 14:23	1
Naphthalene	ND		10	3.6	ug/L		12/10/24 05:11	12/11/24 14:23	1
Nitrobenzene	ND		25	7.5	ug/L		12/10/24 05:11	12/11/24 14:23	1
N-Nitrosodimethylamine	ND		10	0.74	ug/L		12/10/24 05:11	12/11/24 14:23	1
N-Nitrosodi-n-propylamine	ND		10	1.0	ug/L		12/10/24 05:11	12/11/24 14:23	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Pentachlorophenol	ND		10	4.8	ug/L		12/10/24 05:11	12/11/24 14:23	1
Phenanthrene	ND		10	1.1	ug/L		12/10/24 05:11	12/11/24 14:23	1
Phenol	ND		10	0.42	ug/L		12/10/24 05:11	12/11/24 14:23	1
Pyrene	ND		10	1.2	ug/L		12/10/24 05:11	12/11/24 14:23	1
Pyridine	ND		10	1.5	ug/L		12/10/24 05:11	12/11/24 14:23	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		27 - 140	12/10/24 05:11	12/11/24 14:23	1
2-Fluorobiphenyl (Surr)	74		28 - 120	12/10/24 05:11	12/11/24 14:23	1
2-Fluorophenol (Surr)	44		20 - 120	12/10/24 05:11	12/11/24 14:23	1
Nitrobenzene-d5 (Surr)	83		31 - 120	12/10/24 05:11	12/11/24 14:23	1
p-Terphenyl-d14 (Surr)	85		45 - 136	12/10/24 05:11	12/11/24 14:23	1
Phenol-d6 (Surr)	25		20 - 120	12/10/24 05:11	12/11/24 14:23	1

Lab Sample ID: LCS 570-511926/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 512556
Prep Batch: 511926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	100	77.82		ug/L		78	20 - 120
1,2-Dichlorobenzene	100	60.70		ug/L		61	16 - 122
1,3-Dichlorobenzene	100	60.05		ug/L		60	14 - 120
1,4-Dichlorobenzene	100	56.52		ug/L		57	15 - 120
1-Methylnaphthalene	100	78.28		ug/L		78	21 - 129
2,4,5-Trichlorophenol	100	84.16		ug/L		84	26 - 144
2,4,6-Trichlorophenol	100	80.61		ug/L		81	27 - 143
2,4-Dichlorophenol	100	86.69		ug/L		87	22 - 128
2,4-Dimethylphenol	100	87.01		ug/L		87	20 - 125
2,4-Dinitrophenol	100	133.5		ug/L		133	10 - 180
2,4-Dinitrotoluene	100	81.05		ug/L		81	28 - 160
2,6-Dichlorophenol	100	81.29		ug/L		81	22 - 124
2,6-Dinitrotoluene	100	81.95		ug/L		82	30 - 157
2-Chloronaphthalene	100	84.07		ug/L		84	25 - 141
2-Chlorophenol	100	70.43		ug/L		70	22 - 129
2-Methylnaphthalene	100	88.69		ug/L		89	19 - 120
2-Methylphenol	100	59.13		ug/L		59	15 - 130
2-Nitroaniline	100	91.24		ug/L		91	17 - 141
2-Nitrophenol	100	76.01		ug/L		76	23 - 128
3,3'-Dichlorobenzidine	100	76.49		ug/L		76	18 - 162
3/4-Methylphenol	200	109.5		ug/L		55	10 - 120
3-Nitroaniline	100	71.20		ug/L		71	17 - 152
4,6-Dinitro-2-methylphenol	100	99.92		ug/L		100	11 - 159
4-Bromophenyl phenyl ether	100	84.15		ug/L		84	29 - 161
4-Chloro-3-methylphenol	100	86.45		ug/L		86	23 - 135
4-Chloroaniline	100	68.68		ug/L		69	10 - 127
4-Chlorophenyl phenyl ether	100	83.76		ug/L		84	27 - 150
4-Nitroaniline	100	79.01		ug/L		79	16 - 151
4-Nitrophenol	100	47.58		ug/L		48	10 - 120
Acenaphthene	100	82.84		ug/L		83	26 - 143
Acenaphthylene	100	75.80		ug/L		76	21 - 156
Aniline	100	51.13		ug/L		51	10 - 120
Anthracene	100	87.63		ug/L		88	28 - 155
Azobenzene	100	93.19		ug/L		93	19 - 146
Benzidine	100	24.00	J	ug/L		24	10 - 120
Benzo[a]anthracene	100	93.85		ug/L		94	26 - 159
Benzo[a]pyrene	100	93.14		ug/L		93	27 - 164
Benzo[b]fluoranthene	100	92.00		ug/L		92	26 - 166
Benzo[g,h,i]perylene	100	91.86		ug/L		92	26 - 162

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-511926/2-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	100	88.60		ug/L		89	30 - 165
Benzoic acid	100	50.44		ug/L		50	10 - 123
Benzyl alcohol	100	65.54		ug/L		66	10 - 151
Bis(2-chloroethoxy)methane	100	80.47		ug/L		80	19 - 129
Bis(2-chloroethyl)ether	100	64.78		ug/L		65	19 - 136
bis (2-Chloroisopropyl) ether	100	68.27		ug/L		68	10 - 154
Bis(2-ethylhexyl) phthalate	100	87.59		ug/L		88	27 - 163
Butyl benzyl phthalate	100	90.60		ug/L		91	26 - 161
Chrysene	100	86.43		ug/L		86	26 - 153
Dibenz(a,h)anthracene	100	95.45		ug/L		95	26 - 153
Dibenzofuran	100	84.04		ug/L		84	27 - 139
Diethyl phthalate	100	87.69		ug/L		88	28 - 149
Dimethyl phthalate	100	83.71		ug/L		84	29 - 148
Di-n-butyl phthalate	100	88.94		ug/L		89	30 - 151
Di-n-octyl phthalate	100	87.11		ug/L		87	40 - 166
Fluoranthene	100	86.03		ug/L		86	28 - 159
Fluorene	100	84.36		ug/L		84	26 - 149
Hexachloro-1,3-butadiene	100	85.64		ug/L		86	17 - 120
Hexachlorobenzene	100	102.1		ug/L		102	20 - 157
Hexachlorocyclopentadiene	100	95.40		ug/L		95	21 - 145
Hexachloroethane	100	57.79		ug/L		58	11 - 121
Indeno[1,2,3-cd]pyrene	100	95.30		ug/L		95	23 - 162
Isophorone	100	77.32		ug/L		77	15 - 146
Naphthalene	100	75.14		ug/L		75	19 - 120
Nitrobenzene	100	84.51		ug/L		85	17 - 120
N-Nitrosodimethylamine	100	39.03		ug/L		39	10 - 120
N-Nitrosodi-n-propylamine	100	69.44		ug/L		69	19 - 138
n-Nitrosodiphenylamine(as diphenylamine)	100	105.5		ug/L		106	30 - 168
Pentachlorophenol	100	100.6		ug/L		101	10 - 153
Phenanthrene	100	87.08		ug/L		87	27 - 150
Phenol	100	29.72		ug/L		30	10 - 120
Pyrene	100	90.77		ug/L		91	23 - 153
Pyridine	100	56.84		ug/L		57	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*27 - 140*
2-Fluorobiphenyl (Surr)	*79*		*28 - 120*
2-Fluorophenol (Surr)	*43*		*20 - 120*
Nitrobenzene-d5 (Surr)	*82*		*31 - 120*
p-Terphenyl-d14 (Surr)	*90*		*45 - 136*
Phenol-d6 (Surr)	*28*		*20 - 120*

Lab Sample ID: LCSD 570-511926/3-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511926

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	94.53		ug/L		95	20 - 120	19	27

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511926/3-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511926

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene			100	76.85		ug/L		77	16 - 122	23	30
1,3-Dichlorobenzene			100	77.74		ug/L		78	14 - 120	26	30
1,4-Dichlorobenzene			100	73.08		ug/L		73	15 - 120	26	30
1-Methylnaphthalene			100	90.54		ug/L		91	21 - 129	15	26
2,4,5-Trichlorophenol			100	92.89		ug/L		93	26 - 144	10	27
2,4,6-Trichlorophenol			100	91.41		ug/L		91	27 - 143	13	27
2,4-Dichlorophenol			100	102.2		ug/L		102	22 - 128	16	24
2,4-Dimethylphenol			100	103.5		ug/L		103	20 - 125	17	23
2,4-Dinitrophenol			100	144.0		ug/L		144	10 - 180	8	30
2,4-Dinitrotoluene			100	90.15		ug/L		90	28 - 160	11	27
2,6-Dichlorophenol			100	95.25		ug/L		95	22 - 124	16	24
2,6-Dinitrotoluene			100	90.72		ug/L		91	30 - 157	10	26
2-Chloronaphthalene			100	94.91		ug/L		95	25 - 141	12	27
2-Chlorophenol			100	86.69		ug/L		87	22 - 129	21	27
2-Methylnaphthalene			100	102.2		ug/L		102	19 - 120	14	25
2-Methylphenol			100	71.98		ug/L		72	15 - 130	20	27
2-Nitroaniline			100	101.5		ug/L		101	17 - 141	11	30
2-Nitrophenol			100	92.90		ug/L		93	23 - 128	20	27
3,3'-Dichlorobenzidine			100	76.04		ug/L		76	18 - 162	1	30
3/4-Methylphenol			200	130.5		ug/L		65	10 - 120	18	30
3-Nitroaniline			100	73.24		ug/L		73	17 - 152	3	30
4,6-Dinitro-2-methylphenol			100	104.4		ug/L		104	11 - 159	4	27
4-Bromophenyl phenyl ether			100	88.97		ug/L		89	29 - 161	6	25
4-Chloro-3-methylphenol			100	102.5		ug/L		102	23 - 135	17	21
4-Chloroaniline			100	64.73		ug/L		65	10 - 127	6	30
4-Chlorophenyl phenyl ether			100	92.24		ug/L		92	27 - 150	10	25
4-Nitroaniline			100	83.41		ug/L		83	16 - 151	5	30
4-Nitrophenol			100	50.71		ug/L		51	10 - 120	6	29
Acenaphthene			100	92.02		ug/L		92	26 - 143	10	26
Acenaphthylene			100	83.93		ug/L		84	21 - 156	10	27
Aniline			100	48.69		ug/L		49	10 - 120	5	30
Anthracene			100	93.75		ug/L		94	28 - 155	7	25
Azobenzene			100	99.98		ug/L		100	19 - 146	7	24
Benzidine			100	ND	*- *1	ug/L		0	10 - 120	200	30
Benzo[a]anthracene			100	97.77		ug/L		98	26 - 159	4	24
Benzo[a]pyrene			100	97.63		ug/L		98	27 - 164	5	25
Benzo[b]fluoranthene			100	97.06		ug/L		97	26 - 166	5	25
Benzo[g,h,i]perylene			100	95.31		ug/L		95	26 - 162	4	26
Benzo[k]fluoranthene			100	94.65		ug/L		95	30 - 165	7	25
Benzoic acid			100	54.51		ug/L		55	10 - 123	8	30
Benzyl alcohol			100	81.27		ug/L		81	10 - 151	21	25
Bis(2-chloroethoxy)methane			100	93.47		ug/L		93	19 - 129	15	25
Bis(2-chloroethyl)ether			100	82.49		ug/L		82	19 - 136	24	29
bis (2-Chloroisopropyl) ether			100	85.18		ug/L		85	10 - 154	22	28
Bis(2-ethylhexyl) phthalate			100	92.16		ug/L		92	27 - 163	5	24
Butyl benzyl phthalate			100	94.53		ug/L		95	26 - 161	4	25
Chrysene			100	89.62		ug/L		90	26 - 153	4	24
Dibenz(a,h)anthracene			100	99.59		ug/L		100	26 - 153	4	26
Dibenzofuran			100	91.88		ug/L		92	27 - 139	9	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511926/3-A
Matrix: Water
Analysis Batch: 512556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511926

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	100	94.17		ug/L		94	28 - 149	7	25
Dimethyl phthalate	100	90.73		ug/L		91	29 - 148	8	24
Di-n-butyl phthalate	100	93.76		ug/L		94	30 - 151	5	24
Di-n-octyl phthalate	100	92.89		ug/L		93	40 - 166	6	22
Fluoranthene	100	91.54		ug/L		92	28 - 159	6	26
Fluorene	100	93.88		ug/L		94	26 - 149	11	26
Hexachloro-1,3-butadiene	100	105.1		ug/L		105	17 - 120	20	28
Hexachlorobenzene	100	109.9		ug/L		110	20 - 157	7	25
Hexachlorocyclopentadiene	100	111.4		ug/L		111	21 - 145	16	30
Hexachloroethane	100	76.50		ug/L		76	11 - 121	28	30
Indeno[1,2,3-cd]pyrene	100	100.8		ug/L		101	23 - 162	6	30
Isophorone	100	89.71		ug/L		90	15 - 146	15	24
Naphthalene	100	92.19		ug/L		92	19 - 120	20	26
Nitrobenzene	100	104.2		ug/L		104	17 - 120	21	26
N-Nitrosodimethylamine	100	52.05		ug/L		52	10 - 120	29	30
N-Nitrosodi-n-propylamine	100	81.93		ug/L		82	19 - 138	17	27
n-Nitrosodiphenylamine(as diphenylamine)	100	111.2		ug/L		111	30 - 168	5	25
Pentachlorophenol	100	107.8		ug/L		108	10 - 153	7	29
Phenanthrene	100	93.26		ug/L		93	27 - 150	7	24
Phenol	100	37.53		ug/L		38	10 - 120	23	26
Pyrene	100	94.01		ug/L		94	23 - 153	4	27
Pyridine	100	59.50		ug/L		59	10 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*27 - 140*
2-Fluorobiphenyl (Surr)	*86*		*28 - 120*
2-Fluorophenol (Surr)	*54*		*20 - 120*
Nitrobenzene-d5 (Surr)	*100*		*31 - 120*
p-Terphenyl-d14 (Surr)	*93*		*45 - 136*
Phenol-d6 (Surr)	*34*		*20 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-511840/1-A
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/09/24 18:18	12/11/24 10:49	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-511840/1-A
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0065	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/09/24 18:18	12/11/24 10:49	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/09/24 18:18	12/11/24 10:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*95*		*22 - 130*	*12/09/24 18:18*	*12/11/24 10:49*	*1*
Nitrobenzene-d5 (Surr)	*103*		*20 - 145*	*12/09/24 18:18*	*12/11/24 10:49*	*1*
p-Terphenyl-d14 (Surr)	*83*		*33 - 147*	*12/09/24 18:18*	*12/11/24 10:49*	*1*

Lab Sample ID: LCS 570-511840/2-A
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.7877		mg/Kg		79	54 - 132
2-Methylnaphthalene	1.00	0.8945		mg/Kg		89	50 - 127
Acenaphthene	1.00	0.9097		mg/Kg		91	53 - 125
Acenaphthylene	1.00	0.9088		mg/Kg		91	50 - 123
Anthracene	1.00	0.9067		mg/Kg		91	50 - 132
Benzo[g,h,i]perylene	1.00	0.8666		mg/Kg		87	50 - 130
Benzo[k]fluoranthene	1.00	0.9354		mg/Kg		94	49 - 150
Benzo[a]anthracene	1.00	0.9253		mg/Kg		93	50 - 133
Benzo[a]pyrene	1.00	0.9870		mg/Kg		99	50 - 134
Benzo[b]fluoranthene	1.00	0.9283		mg/Kg		93	50 - 142
Chrysene	1.00	0.8466		mg/Kg		85	51 - 129
Dibenz(a,h)anthracene	1.00	0.9370		mg/Kg		94	50 - 133
Fluoranthene	1.00	1.065		mg/Kg		106	55 - 127
Fluorene	1.00	0.9626		mg/Kg		96	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.9673		mg/Kg		97	50 - 148
Naphthalene	1.00	0.8152		mg/Kg		82	51 - 129
Phenanthrene	1.00	0.8804		mg/Kg		88	50 - 122
Pyrene	1.00	0.8099		mg/Kg		81	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*91*		*22 - 130*
Nitrobenzene-d5 (Surr)	*93*		*20 - 145*
p-Terphenyl-d14 (Surr)	*82*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-511840/3-A
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511840

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.00	0.7865		mg/Kg		79	54 - 132	0	20
2-Methylnaphthalene			1.00	0.8958		mg/Kg		90	50 - 127	0	20
Acenaphthene			1.00	0.9101		mg/Kg		91	53 - 125	0	20
Acenaphthylene			1.00	0.9121		mg/Kg		91	50 - 123	0	20
Anthracene			1.00	0.9243		mg/Kg		92	50 - 132	2	20
Benzo[g,h,i]perylene			1.00	0.8738		mg/Kg		87	50 - 130	1	20
Benzo[k]fluoranthene			1.00	0.9463		mg/Kg		95	49 - 150	1	20
Benzo[a]anthracene			1.00	0.9202		mg/Kg		92	50 - 133	1	20
Benzo[a]pyrene			1.00	1.001		mg/Kg		100	50 - 134	1	20
Benzo[b]fluoranthene			1.00	0.9331		mg/Kg		93	50 - 142	1	20
Chrysene			1.00	0.8576		mg/Kg		86	51 - 129	1	20
Dibenz(a,h)anthracene			1.00	0.9519		mg/Kg		95	50 - 133	2	20
Fluoranthene			1.00	1.076		mg/Kg		108	55 - 127	1	20
Fluorene			1.00	0.9627		mg/Kg		96	55 - 127	0	20
Indeno[1,2,3-cd]pyrene			1.00	0.9707		mg/Kg		97	50 - 148	0	20
Naphthalene			1.00	0.8129		mg/Kg		81	51 - 129	0	20
Phenanthrene			1.00	0.9022		mg/Kg		90	50 - 122	2	20
Pyrene			1.00	0.8012		mg/Kg		80	50 - 134	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*91*		*22 - 130*
Nitrobenzene-d5 (Surr)	*92*		*20 - 145*
p-Terphenyl-d14 (Surr)	*81*		*33 - 147*

Lab Sample ID: 570-209997-3 MS
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: SB25-15.0
Prep Type: Total/NA
Prep Batch: 511840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.31	0.9704		mg/Kg	☼	74	34 - 136
2-Methylnaphthalene	ND		1.31	1.096		mg/Kg	☼	84	29 - 137
Acenaphthene	ND		1.31	1.109		mg/Kg	☼	85	29 - 137
Acenaphthylene	ND		1.31	1.073		mg/Kg	☼	82	29 - 131
Anthracene	ND		1.31	1.084		mg/Kg	☼	83	26 - 134
Benzo[g,h,i]perylene	ND		1.31	1.032		mg/Kg	☼	79	20 - 148
Benzo[k]fluoranthene	ND		1.31	1.113		mg/Kg	☼	85	28 - 148
Benzo[a]anthracene	ND		1.31	1.082		mg/Kg	☼	83	24 - 150
Benzo[a]pyrene	ND		1.31	1.153		mg/Kg	☼	88	29 - 149
Benzo[b]fluoranthene	ND		1.31	1.095		mg/Kg	☼	84	21 - 153
Chrysene	ND		1.31	1.016		mg/Kg	☼	78	25 - 145
Dibenz(a,h)anthracene	ND		1.31	1.103		mg/Kg	☼	84	20 - 132
Fluoranthene	ND		1.31	1.285		mg/Kg	☼	98	20 - 151
Fluorene	ND		1.31	1.171		mg/Kg	☼	90	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.31	1.138		mg/Kg	☼	87	20 - 154
Naphthalene	ND		1.31	1.003		mg/Kg	☼	77	20 - 150
Phenanthrene	ND		1.31	1.085		mg/Kg	☼	83	20 - 144
Pyrene	ND		1.31	0.9605		mg/Kg	☼	73	20 - 150

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209997-3 MS
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: SB25-15.0
Prep Type: Total/NA
Prep Batch: 511840

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	85		22 - 130
Nitrobenzene-d5 (Surr)	87		20 - 145
p-Terphenyl-d14 (Surr)	76		33 - 147

Lab Sample ID: 570-209997-3 MSD
Matrix: Solid
Analysis Batch: 512542

Client Sample ID: SB25-15.0
Prep Type: Total/NA
Prep Batch: 511840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.31	0.9843		mg/Kg	☼	75	34 - 136	1	29
2-Methylnaphthalene	ND		1.31	1.119		mg/Kg	☼	86	29 - 137	2	31
Acenaphthene	ND		1.31	1.145		mg/Kg	☼	87	29 - 137	3	28
Acenaphthylene	ND		1.31	1.098		mg/Kg	☼	84	29 - 131	2	32
Anthracene	ND		1.31	1.096		mg/Kg	☼	84	26 - 134	1	27
Benzo[g,h,i]perylene	ND		1.31	1.061		mg/Kg	☼	81	20 - 148	3	27
Benzo[k]fluoranthene	ND		1.31	1.133		mg/Kg	☼	87	28 - 148	2	26
Benzo[a]anthracene	ND		1.31	1.094		mg/Kg	☼	84	24 - 150	1	24
Benzo[a]pyrene	ND		1.31	1.168		mg/Kg	☼	89	29 - 149	1	22
Benzo[b]fluoranthene	ND		1.31	1.108		mg/Kg	☼	85	21 - 153	1	26
Chrysene	ND		1.31	1.042		mg/Kg	☼	80	25 - 145	3	28
Dibenz(a,h)anthracene	ND		1.31	1.120		mg/Kg	☼	86	20 - 132	1	26
Fluoranthene	ND		1.31	1.306		mg/Kg	☼	100	20 - 151	2	26
Fluorene	ND		1.31	1.186		mg/Kg	☼	91	36 - 132	1	27
Indeno[1,2,3-cd]pyrene	ND		1.31	1.155		mg/Kg	☼	88	20 - 154	1	25
Naphthalene	ND		1.31	1.039		mg/Kg	☼	79	20 - 150	3	33
Phenanthrene	ND		1.31	1.104		mg/Kg	☼	84	20 - 144	2	27
Pyrene	ND		1.31	0.9838		mg/Kg	☼	75	20 - 150	2	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	86		22 - 130
Nitrobenzene-d5 (Surr)	88		20 - 145
p-Terphenyl-d14 (Surr)	75		33 - 147

Lab Sample ID: MB 570-511850/1-A
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.011	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
2-Methylnaphthalene	ND		0.020	0.010	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Acenaphthene	ND		0.020	0.013	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Acenaphthylene	ND		0.020	0.0096	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Anthracene	ND		0.020	0.0089	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Benzo[g,h,i]perylene	ND		0.020	0.011	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Benzo[k]fluoranthene	ND		0.020	0.017	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Benzo[a]anthracene	ND		0.020	0.0080	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Benzo[a]pyrene	ND		0.020	0.0082	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Benzo[b]fluoranthene	ND		0.020	0.015	mg/Kg		12/09/24 18:31	12/11/24 21:46	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-511850/1-A
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 511850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0065	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Dibenz(a,h)anthracene	ND		0.020	0.011	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Fluoranthene	ND		0.020	0.0080	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Fluorene	ND		0.020	0.0097	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.012	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Naphthalene	ND		0.020	0.0089	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Phenanthrene	ND		0.020	0.015	mg/Kg		12/09/24 18:31	12/11/24 21:46	1
Pyrene	ND		0.020	0.0087	mg/Kg		12/09/24 18:31	12/11/24 21:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*22 - 130*	*12/09/24 18:31*	*12/11/24 21:46*	*1*
Nitrobenzene-d5 (Surr)	*76*		*20 - 145*	*12/09/24 18:31*	*12/11/24 21:46*	*1*
p-Terphenyl-d14 (Surr)	*90*		*33 - 147*	*12/09/24 18:31*	*12/11/24 21:46*	*1*

Lab Sample ID: LCS 570-511850/2-A
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 511850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.00	0.6899		mg/Kg		69	54 - 132
2-Methylnaphthalene	1.00	0.7879		mg/Kg		79	50 - 127
Acenaphthene	1.00	0.7075		mg/Kg		71	53 - 125
Acenaphthylene	1.00	0.7034		mg/Kg		70	50 - 123
Anthracene	1.00	0.8294		mg/Kg		83	50 - 132
Benzo[g,h,i]perylene	1.00	0.7449		mg/Kg		74	50 - 130
Benzo[k]fluoranthene	1.00	0.8160		mg/Kg		82	49 - 150
Benzo[a]anthracene	1.00	0.7830		mg/Kg		78	50 - 133
Benzo[a]pyrene	1.00	0.7922		mg/Kg		79	50 - 134
Benzo[b]fluoranthene	1.00	0.7779		mg/Kg		78	50 - 142
Chrysene	1.00	0.7254		mg/Kg		73	51 - 129
Dibenz(a,h)anthracene	1.00	0.8418		mg/Kg		84	50 - 133
Fluoranthene	1.00	0.7302		mg/Kg		73	55 - 127
Fluorene	1.00	0.6832		mg/Kg		68	55 - 127
Indeno[1,2,3-cd]pyrene	1.00	0.8812		mg/Kg		88	50 - 148
Naphthalene	1.00	0.6904		mg/Kg		69	51 - 129
Phenanthrene	1.00	0.6810		mg/Kg		68	50 - 122
Pyrene	1.00	0.8369		mg/Kg		84	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*
p-Terphenyl-d14 (Surr)	*91*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-511850/3-A
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 511850

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.00	0.7154		mg/Kg		72	54 - 132	4	20
2-Methylnaphthalene			1.00	0.8071		mg/Kg		81	50 - 127	2	20
Acenaphthene			1.00	0.7172		mg/Kg		72	53 - 125	1	20
Acenaphthylene			1.00	0.7202		mg/Kg		72	50 - 123	2	20
Anthracene			1.00	0.8625		mg/Kg		86	50 - 132	4	20
Benzo[g,h,i]perylene			1.00	0.7894		mg/Kg		79	50 - 130	6	20
Benzo[k]fluoranthene			1.00	0.8352		mg/Kg		84	49 - 150	2	20
Benzo[a]anthracene			1.00	0.8041		mg/Kg		80	50 - 133	3	20
Benzo[a]pyrene			1.00	0.8079		mg/Kg		81	50 - 134	2	20
Benzo[b]fluoranthene			1.00	0.7801		mg/Kg		78	50 - 142	0	20
Chrysene			1.00	0.7453		mg/Kg		75	51 - 129	3	20
Dibenz(a,h)anthracene			1.00	0.8777		mg/Kg		88	50 - 133	4	20
Fluoranthene			1.00	0.7660		mg/Kg		77	55 - 127	5	20
Fluorene			1.00	0.6914		mg/Kg		69	55 - 127	1	20
Indeno[1,2,3-cd]pyrene			1.00	0.9124		mg/Kg		91	50 - 148	3	20
Naphthalene			1.00	0.7063		mg/Kg		71	51 - 129	2	20
Phenanthrene			1.00	0.7041		mg/Kg		70	50 - 122	3	20
Pyrene			1.00	0.8320		mg/Kg		83	50 - 134	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*
p-Terphenyl-d14 (Surr)	*92*		*33 - 147*

Lab Sample ID: 570-209997-12 MS
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	ND		1.17	0.6448		mg/Kg	☼	55	34 - 136
2-Methylnaphthalene	ND		1.17	0.7347		mg/Kg	☼	63	29 - 137
Acenaphthene	ND		1.17	0.6278		mg/Kg	☼	54	29 - 137
Acenaphthylene	ND		1.17	0.6188		mg/Kg	☼	53	29 - 131
Anthracene	ND		1.17	0.7473		mg/Kg	☼	64	26 - 134
Benzo[g,h,i]perylene	ND		1.17	0.6531		mg/Kg	☼	56	20 - 148
Benzo[k]fluoranthene	ND		1.17	0.6495		mg/Kg	☼	55	28 - 148
Benzo[a]anthracene	ND		1.17	0.6793		mg/Kg	☼	58	24 - 150
Benzo[a]pyrene	ND		1.17	0.6286		mg/Kg	☼	54	29 - 149
Benzo[b]fluoranthene	ND		1.17	0.6473		mg/Kg	☼	55	21 - 153
Chrysene	ND		1.17	0.6374		mg/Kg	☼	54	25 - 145
Dibenz(a,h)anthracene	ND		1.17	0.7224		mg/Kg	☼	62	20 - 132
Fluoranthene	ND		1.17	0.6069		mg/Kg	☼	52	20 - 151
Fluorene	ND		1.17	0.6133		mg/Kg	☼	52	36 - 132
Indeno[1,2,3-cd]pyrene	ND		1.17	0.7570		mg/Kg	☼	65	20 - 154
Naphthalene	ND		1.17	0.6313		mg/Kg	☼	54	20 - 150
Phenanthrene	ND		1.17	0.6217		mg/Kg	☼	53	20 - 144
Pyrene	ND		1.17	0.8285		mg/Kg	☼	71	20 - 150

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-209997-12 MS
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511850

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	51		22 - 130
Nitrobenzene-d5 (Surr)	53		20 - 145
p-Terphenyl-d14 (Surr)	72		33 - 147

Lab Sample ID: 570-209997-12 MSD
Matrix: Solid
Analysis Batch: 512748

Client Sample ID: SB42-15.0
Prep Type: Total/NA
Prep Batch: 511850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		1.18	0.6748		mg/Kg	☼	57	34 - 136	5	29
2-Methylnaphthalene	ND		1.18	0.7740		mg/Kg	☼	66	29 - 137	5	31
Acenaphthene	ND		1.18	0.6822		mg/Kg	☼	58	29 - 137	8	28
Acenaphthylene	ND		1.18	0.6803		mg/Kg	☼	58	29 - 131	9	32
Anthracene	ND		1.18	0.8106		mg/Kg	☼	69	26 - 134	8	27
Benzo[g,h,i]perylene	ND		1.18	0.7349		mg/Kg	☼	62	20 - 148	12	27
Benzo[k]fluoranthene	ND		1.18	0.7603		mg/Kg	☼	65	28 - 148	16	26
Benzo[a]anthracene	ND		1.18	0.7417		mg/Kg	☼	63	24 - 150	9	24
Benzo[a]pyrene	ND		1.18	0.7463		mg/Kg	☼	63	29 - 149	17	22
Benzo[b]fluoranthene	ND		1.18	0.7261		mg/Kg	☼	62	21 - 153	11	26
Chrysene	ND		1.18	0.6926		mg/Kg	☼	59	25 - 145	8	28
Dibenz(a,h)anthracene	ND		1.18	0.8077		mg/Kg	☼	69	20 - 132	11	26
Fluoranthene	ND		1.18	0.6530		mg/Kg	☼	56	20 - 151	7	26
Fluorene	ND		1.18	0.6413		mg/Kg	☼	55	36 - 132	4	27
Indeno[1,2,3-cd]pyrene	ND		1.18	0.8281		mg/Kg	☼	70	20 - 154	9	25
Naphthalene	ND		1.18	0.6841		mg/Kg	☼	58	20 - 150	8	33
Phenanthrene	ND		1.18	0.6469		mg/Kg	☼	55	20 - 144	4	27
Pyrene	ND		1.18	0.8120		mg/Kg	☼	69	20 - 150	2	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	62		22 - 130
Nitrobenzene-d5 (Surr)	62		20 - 145
p-Terphenyl-d14 (Surr)	77		33 - 147

Lab Sample ID: MB 570-512178/1-A
Matrix: Water
Analysis Batch: 513343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	0.073	ug/L		12/10/24 13:02	12/12/24 21:47	1
2-Methylnaphthalene	ND		0.20	0.077	ug/L		12/10/24 13:02	12/12/24 21:47	1
Acenaphthene	ND		0.20	0.097	ug/L		12/10/24 13:02	12/12/24 21:47	1
Acenaphthylene	ND		0.20	0.069	ug/L		12/10/24 13:02	12/12/24 21:47	1
Anthracene	ND		0.20	0.059	ug/L		12/10/24 13:02	12/12/24 21:47	1
Benzo[g,h,i]perylene	ND		0.20	0.10	ug/L		12/10/24 13:02	12/12/24 21:47	1
Benzo[k]fluoranthene	ND		0.20	0.15	ug/L		12/10/24 13:02	12/12/24 21:47	1
Benzo[a]anthracene	ND		0.20	0.086	ug/L		12/10/24 13:02	12/12/24 21:47	1
Benzo[a]pyrene	ND		0.20	0.062	ug/L		12/10/24 13:02	12/12/24 21:47	1
Benzo[b]fluoranthene	ND		0.20	0.18	ug/L		12/10/24 13:02	12/12/24 21:47	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-512178/1-A
Matrix: Water
Analysis Batch: 513343

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.20	0.059	ug/L		12/10/24 13:02	12/12/24 21:47	1
Dibenz(a,h)anthracene	ND		0.20	0.11	ug/L		12/10/24 13:02	12/12/24 21:47	1
Fluoranthene	ND		0.20	0.14	ug/L		12/10/24 13:02	12/12/24 21:47	1
Fluorene	ND		0.20	0.075	ug/L		12/10/24 13:02	12/12/24 21:47	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.11	ug/L		12/10/24 13:02	12/12/24 21:47	1
Naphthalene	ND		0.20	0.15	ug/L		12/10/24 13:02	12/12/24 21:47	1
Phenanthrene	ND		0.20	0.073	ug/L		12/10/24 13:02	12/12/24 21:47	1
Pyrene	ND		0.20	0.066	ug/L		12/10/24 13:02	12/12/24 21:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*33 - 144*	*12/10/24 13:02*	*12/12/24 21:47*	*1*
Nitrobenzene-d5 (Surr)	*90*		*28 - 139*	*12/10/24 13:02*	*12/12/24 21:47*	*1*
p-Terphenyl-d14 (Surr)	*91*		*23 - 160*	*12/10/24 13:02*	*12/12/24 21:47*	*1*

Lab Sample ID: LCS 570-512178/2-A
Matrix: Water
Analysis Batch: 513343

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	10.0	7.923		ug/L		79	20 - 140
2-Methylnaphthalene	10.0	8.910		ug/L		89	21 - 140
Acenaphthene	10.0	9.474		ug/L		95	55 - 121
Acenaphthylene	10.0	9.316		ug/L		93	33 - 145
Anthracene	10.0	9.568		ug/L		96	27 - 133
Benzo[g,h,i]perylene	10.0	8.350		ug/L		83	25 - 157
Benzo[k]fluoranthene	10.0	9.817		ug/L		98	24 - 159
Benzo[a]anthracene	10.0	9.460		ug/L		95	33 - 143
Benzo[a]pyrene	10.0	9.310		ug/L		93	17 - 163
Benzo[b]fluoranthene	10.0	9.043		ug/L		90	24 - 159
Chrysene	10.0	9.149		ug/L		91	17 - 168
Dibenz(a,h)anthracene	10.0	8.838		ug/L		88	25 - 175
Fluoranthene	10.0	10.05		ug/L		100	26 - 137
Fluorene	10.0	9.622		ug/L		96	59 - 121
Indeno[1,2,3-cd]pyrene	10.0	8.319		ug/L		83	25 - 175
Naphthalene	10.0	8.255		ug/L		83	21 - 133
Phenanthrene	10.0	9.476		ug/L		95	54 - 120
Pyrene	10.0	8.882		ug/L		89	45 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*90*		*33 - 144*
Nitrobenzene-d5 (Surr)	*83*		*28 - 139*
p-Terphenyl-d14 (Surr)	*84*		*23 - 160*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-512178/3-A
Matrix: Water
Analysis Batch: 513343

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512178

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			10.0	7.769		ug/L		78	20 - 140	2	25
2-Methylnaphthalene			10.0	8.998		ug/L		90	21 - 140	1	25
Acenaphthene			10.0	9.475		ug/L		95	55 - 121	0	25
Acenaphthylene			10.0	9.077		ug/L		91	33 - 145	3	25
Anthracene			10.0	9.202		ug/L		92	27 - 133	4	25
Benzo[g,h,i]perylene			10.0	7.878		ug/L		79	25 - 157	6	25
Benzo[k]fluoranthene			10.0	9.435		ug/L		94	24 - 159	4	25
Benzo[a]anthracene			10.0	8.816		ug/L		88	33 - 143	7	25
Benzo[a]pyrene			10.0	8.683		ug/L		87	17 - 163	7	25
Benzo[b]fluoranthene			10.0	8.625		ug/L		86	24 - 159	5	25
Chrysene			10.0	8.859		ug/L		89	17 - 168	3	25
Dibenz(a,h)anthracene			10.0	8.317		ug/L		83	25 - 175	6	25
Fluoranthene			10.0	9.504		ug/L		95	26 - 137	6	25
Fluorene			10.0	9.374		ug/L		94	59 - 121	3	25
Indeno[1,2,3-cd]pyrene			10.0	7.839		ug/L		78	25 - 175	6	25
Naphthalene			10.0	8.131		ug/L		81	21 - 133	2	25
Phenanthrene			10.0	8.974		ug/L		90	54 - 120	5	25
Pyrene			10.0	8.849		ug/L		88	45 - 129	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*90*		*33 - 144*
Nitrobenzene-d5 (Surr)	*80*		*28 - 139*
p-Terphenyl-d14 (Surr)	*80*		*23 - 160*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-511806/34
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50	29	ug/L			12/10/24 00:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*20 - 144*		*12/10/24 00:54*	*1*

Lab Sample ID: LCS 570-511806/32
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2000	1703		ug/L		85	71 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*20 - 144*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-511806/33
Matrix: Water
Analysis Batch: 511806

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	1707		ug/L		85	71 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*20 - 144*

Lab Sample ID: MB 570-512317/33
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/11/24 02:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*		*12/11/24 02:00*	*1*

Lab Sample ID: MB 570-512317/34
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/11/24 02:24	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*		*42 - 126*		*12/11/24 02:24*	*20*

Lab Sample ID: LCS 570-512317/31
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2.00	1.828		mg/Kg		92	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Lab Sample ID: LCSD 570-512317/32
Matrix: Solid
Analysis Batch: 512317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.851		mg/Kg		93	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 570-512397/30
Matrix: Solid
Analysis Batch: 512397

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/11/24 04:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*		*12/11/24 04:31*	*1*

Lab Sample ID: LCS 570-512397/28
Matrix: Solid
Analysis Batch: 512397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1.98	1.773		mg/Kg		89	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*42 - 126*

Lab Sample ID: LCSD 570-512397/29
Matrix: Solid
Analysis Batch: 512397

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	1.99	1.762		mg/Kg		89	70 - 124	1	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*42 - 126*

Lab Sample ID: MB 570-512651/6
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10	0.044	mg/Kg			12/11/24 15:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*		*12/11/24 15:07*	*1*

Lab Sample ID: MB 570-512651/7
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/11/24 15:31	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*		*42 - 126*		*12/11/24 15:31*	*20*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-512651/4
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2.00	1.948		mg/Kg		97	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*

Lab Sample ID: LCSD 570-512651/5
Matrix: Solid
Analysis Batch: 512651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.945		mg/Kg		97	70 - 124	0	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Lab Sample ID: MB 570-512890/36
Matrix: Solid
Analysis Batch: 512890

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg			12/12/24 04:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*		*42 - 126*		*12/12/24 04:37*	*1*

Lab Sample ID: MB 570-512890/37
Matrix: Solid
Analysis Batch: 512890

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	0.88	mg/Kg			12/12/24 05:01	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*		*12/12/24 05:01*	*20*

Lab Sample ID: LCS 570-512890/34
Matrix: Solid
Analysis Batch: 512890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			2.00	1.786		mg/Kg		89	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-512890/35
Matrix: Solid
Analysis Batch: 512890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	1.866		mg/Kg		93	70 - 124	4	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-512153/1-A
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512153

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/10/24 12:18	12/12/24 11:58	1
C23-C40	ND		5.0	4.6	mg/Kg		12/10/24 12:18	12/12/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*60 - 138*	*12/10/24 12:18*	*12/12/24 11:58*	*1*

Lab Sample ID: LCS 570-512153/2-A
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512153

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			200	193.0		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*60 - 138*

Lab Sample ID: LCSD 570-512153/3-A
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512153

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			200	194.0		mg/Kg		97	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*60 - 138*

Lab Sample ID: 570-209997-27 MS
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: SB39-15.0
Prep Type: Total/NA
Prep Batch: 512153

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		212	203.7		mg/Kg	☼	96	43 - 165

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-209997-27 MS
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: SB39-15.0
Prep Type: Total/NA
Prep Batch: 512153

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	68		60 - 138

Lab Sample ID: 570-209997-27 MSD
Matrix: Solid
Analysis Batch: 513059

Client Sample ID: SB39-15.0
Prep Type: Total/NA
Prep Batch: 512153

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		212	187.9		mg/Kg	☼	89	43 - 165	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	65		60 - 138

Lab Sample ID: MB 570-512176/1-A
Matrix: Solid
Analysis Batch: 512299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/10/24 12:56	12/10/24 18:28	1
C23-C40	ND		5.0	4.6	mg/Kg		12/10/24 12:56	12/10/24 18:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	104		60 - 138	12/10/24 12:56	12/10/24 18:28	1

Lab Sample ID: LCS 570-512176/2-A
Matrix: Solid
Analysis Batch: 512299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	400	360.2		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	102		60 - 138

Lab Sample ID: LCSD 570-512176/3-A
Matrix: Solid
Analysis Batch: 512299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	400	363.7		mg/Kg		91	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	103		60 - 138

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-512704/1-A
Matrix: Water
Analysis Batch: 513001

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		50	42	ug/L		12/11/24 13:47	12/12/24 10:30	1
C23-C40	ND		50	42	ug/L		12/11/24 13:47	12/12/24 10:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*53 - 151*	*12/11/24 13:47*	*12/12/24 10:30*	*1*

Lab Sample ID: LCS 570-512704/2-A
Matrix: Water
Analysis Batch: 513001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512704

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			4000	3955		ug/L		99	65 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*111*		*53 - 151*

Lab Sample ID: LCS 570-512704/4-A
Matrix: Water
Analysis Batch: 513001

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512704

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*70*		*53 - 151*

Lab Sample ID: LCSD 570-512704/3-A
Matrix: Water
Analysis Batch: 513001

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512704

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			4000	3810		ug/L		95	65 - 129	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*103*		*53 - 151*

Lab Sample ID: LCSD 570-512704/5-A
Matrix: Water
Analysis Batch: 513001

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512704

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*53 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-512614/1-A ^2
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512614

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.11	2.02	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Barium	ND		2.08	0.306	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Beryllium	ND		0.415	0.0976	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Cadmium	ND		0.415	0.159	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Chromium	ND		1.04	0.551	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Cobalt	ND		2.08	0.442	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Copper	ND		2.08	0.591	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Molybdenum	ND		4.15	1.02	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Antimony	ND		10.4	5.87	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Nickel	ND		2.08	1.18	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Selenium	ND		3.11	1.63	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Silver	ND		2.08	0.441	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Thallium	ND		10.4	2.97	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Vanadium	ND		4.15	0.909	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Lead	ND		2.08	1.37	mg/Kg		12/11/24 10:54	12/13/24 03:35	2
Zinc	ND		4.15	1.69	mg/Kg		12/11/24 10:54	12/13/24 03:35	2

Lab Sample ID: LCS 570-512614/2-A ^2
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512614

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			201	188.7		mg/Kg		94	80 - 120		
Barium			201	195.2		mg/Kg		97	80 - 120		
Beryllium			201	191.1		mg/Kg		95	80 - 120		
Cadmium			201	191.3		mg/Kg		95	80 - 120		
Chromium			201	201.6		mg/Kg		100	80 - 120		
Cobalt			201	193.5		mg/Kg		96	80 - 120		
Copper			201	194.7		mg/Kg		97	80 - 120		
Molybdenum			201	196.4		mg/Kg		98	80 - 120		
Antimony			201	192.8		mg/Kg		96	80 - 120		
Nickel			201	192.0		mg/Kg		96	80 - 120		
Selenium			201	171.0		mg/Kg		85	80 - 120		
Silver			101	96.04		mg/Kg		96	80 - 120		
Thallium			201	189.9		mg/Kg		94	80 - 120		
Vanadium			201	196.2		mg/Kg		98	80 - 120		
Lead			201	194.4		mg/Kg		97	80 - 120		
Zinc			201	190.6		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-512614/3-A ^2
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512614

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			202	186.1		mg/Kg		92	80 - 120	1	20
Barium			202	193.3		mg/Kg		96	80 - 120	1	20
Beryllium			202	189.4		mg/Kg		94	80 - 120	1	20
Cadmium			202	189.1		mg/Kg		94	80 - 120	1	20
Chromium			202	198.6		mg/Kg		98	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-512614/3-A ^2
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512614

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	202	191.8		mg/Kg		95	80 - 120	1	20
Copper	202	194.4		mg/Kg		96	80 - 120	0	20
Molybdenum	202	196.3		mg/Kg		97	80 - 120	0	20
Antimony	202	194.4		mg/Kg		96	80 - 120	1	20
Nickel	202	190.3		mg/Kg		94	80 - 120	1	20
Selenium	202	169.2		mg/Kg		84	80 - 120	1	20
Silver	101	94.85		mg/Kg		94	80 - 120	1	20
Thallium	202	186.7		mg/Kg		92	80 - 120	2	20
Vanadium	202	194.4		mg/Kg		96	80 - 120	1	20
Lead	202	192.7		mg/Kg		95	80 - 120	1	20
Zinc	202	189.7		mg/Kg		94	80 - 120	0	20

Lab Sample ID: 570-209997-2 MS
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: SB25-5.0
Prep Type: Total/NA
Prep Batch: 512614

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		217	209.0		mg/Kg	☼	96	75 - 125
Barium	78.1		217	298.6		mg/Kg	☼	102	75 - 125
Beryllium	0.731		217	207.2		mg/Kg	☼	95	75 - 125
Cadmium	ND		217	202.4		mg/Kg	☼	93	75 - 125
Chromium	26.9		217	242.6		mg/Kg	☼	99	75 - 125
Cobalt	12.1		217	211.3		mg/Kg	☼	92	75 - 125
Copper	15.1		217	229.1		mg/Kg	☼	99	75 - 125
Molybdenum	ND		217	207.5		mg/Kg	☼	96	75 - 125
Antimony	ND		217	190.5		mg/Kg	☼	88	75 - 125
Nickel	16.3		217	218.1		mg/Kg	☼	93	75 - 125
Selenium	ND		217	184.0		mg/Kg	☼	85	75 - 125
Silver	ND		108	104.7		mg/Kg	☼	96	75 - 125
Thallium	ND		217	197.1		mg/Kg	☼	91	75 - 125
Vanadium	46.0		217	261.0		mg/Kg	☼	99	75 - 125
Lead	8.61		217	212.1		mg/Kg	☼	94	75 - 125
Zinc	49.6		217	255.2		mg/Kg	☼	95	75 - 125

Lab Sample ID: 570-209997-2 MSD
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: SB25-5.0
Prep Type: Total/NA
Prep Batch: 512614

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		220	210.8		mg/Kg	☼	96	75 - 125	1	20
Barium	78.1		220	282.4		mg/Kg	☼	93	75 - 125	6	20
Beryllium	0.731		220	208.8		mg/Kg	☼	94	75 - 125	1	20
Cadmium	ND		220	203.7		mg/Kg	☼	92	75 - 125	1	20
Chromium	26.9		220	249.3		mg/Kg	☼	101	75 - 125	3	20
Cobalt	12.1		220	213.1		mg/Kg	☼	91	75 - 125	1	20
Copper	15.1		220	230.8		mg/Kg	☼	98	75 - 125	1	20
Molybdenum	ND		220	209.5		mg/Kg	☼	95	75 - 125	1	20
Antimony	ND		220	188.8		mg/Kg	☼	86	75 - 125	1	20
Nickel	16.3		220	219.9		mg/Kg	☼	92	75 - 125	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-209997-2 MSD
Matrix: Solid
Analysis Batch: 513447

Client Sample ID: SB25-5.0
Prep Type: Total/NA
Prep Batch: 512614

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	ND		220	185.9		mg/Kg	☼	84	75 - 125	1	20
Silver	ND		110	105.6		mg/Kg	☼	96	75 - 125	1	20
Thallium	ND		220	197.7		mg/Kg	☼	90	75 - 125	0	20
Vanadium	46.0		220	266.3		mg/Kg	☼	100	75 - 125	2	20
Lead	8.61		220	214.5		mg/Kg	☼	93	75 - 125	1	20
Zinc	49.6		220	260.1		mg/Kg	☼	96	75 - 125	2	20

Lab Sample ID: MB 570-513064/1-A ^2
Matrix: Solid
Analysis Batch: 513273

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.32	2.15	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Barium	ND		2.21	0.326	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Beryllium	ND		0.443	0.104	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Cadmium	ND		0.443	0.169	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Chromium	ND		1.11	0.588	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Cobalt	ND		2.21	0.471	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Copper	ND		2.21	0.630	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Molybdenum	ND		4.43	1.08	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Antimony	ND		11.1	6.26	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Nickel	ND		2.21	1.26	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Selenium	ND		3.32	1.73	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Silver	ND		2.21	0.470	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Thallium	ND		11.1	3.16	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Vanadium	ND		4.43	0.969	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Lead	ND		2.21	1.46	mg/Kg		12/12/24 10:01	12/12/24 15:39	2
Zinc	ND		4.43	1.81	mg/Kg		12/12/24 10:01	12/12/24 15:39	2

Lab Sample ID: LCS 570-513064/2-A ^2
Matrix: Solid
Analysis Batch: 513273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	194	183.5		mg/Kg		95	80 - 120
Barium	194	191.1		mg/Kg		99	80 - 120
Beryllium	194	187.0		mg/Kg		96	80 - 120
Cadmium	194	186.1		mg/Kg		96	80 - 120
Chromium	194	195.5		mg/Kg		101	80 - 120
Cobalt	194	189.7		mg/Kg		98	80 - 120
Copper	194	191.9		mg/Kg		99	80 - 120
Molybdenum	194	189.3		mg/Kg		98	80 - 120
Antimony	194	164.0		mg/Kg		85	80 - 120
Nickel	194	188.6		mg/Kg		97	80 - 120
Selenium	194	165.4		mg/Kg		85	80 - 120
Silver	96.9	93.10		mg/Kg		96	80 - 120
Thallium	194	185.0		mg/Kg		95	80 - 120
Vanadium	194	191.4		mg/Kg		99	80 - 120
Lead	194	189.1		mg/Kg		98	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-513064/2-A ^2
Matrix: Solid
Analysis Batch: 513273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513064

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			194	184.4		mg/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-513064/3-A ^2
Matrix: Solid
Analysis Batch: 513273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513064

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			189	174.4		mg/Kg		92	80 - 120	5	20
Barium			189	182.2		mg/Kg		96	80 - 120	5	20
Beryllium			189	178.5		mg/Kg		94	80 - 120	5	20
Cadmium			189	177.5		mg/Kg		94	80 - 120	5	20
Chromium			189	185.9		mg/Kg		98	80 - 120	5	20
Cobalt			189	181.3		mg/Kg		96	80 - 120	4	20
Copper			189	182.3		mg/Kg		96	80 - 120	5	20
Molybdenum			189	180.8		mg/Kg		95	80 - 120	5	20
Antimony			189	157.7		mg/Kg		83	80 - 120	4	20
Nickel			189	179.7		mg/Kg		95	80 - 120	5	20
Selenium			189	157.8		mg/Kg		83	80 - 120	5	20
Silver			94.7	88.86		mg/Kg		94	80 - 120	5	20
Thallium			189	176.9		mg/Kg		93	80 - 120	4	20
Vanadium			189	182.3		mg/Kg		96	80 - 120	5	20
Lead			189	181.0		mg/Kg		96	80 - 120	4	20
Zinc			189	175.2		mg/Kg		92	80 - 120	5	20

Lab Sample ID: MB 570-512008/1-A
Matrix: Water
Analysis Batch: 512483

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 512008

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		100	19.9	ug/L		12/10/24 08:10	12/11/24 05:04	1
Barium	ND		10.0	1.11	ug/L		12/10/24 08:10	12/11/24 05:04	1
Beryllium	ND		10.0	1.27	ug/L		12/10/24 08:10	12/11/24 05:04	1
Cadmium	ND		10.0	0.620	ug/L		12/10/24 08:10	12/11/24 05:04	1
Chromium	ND		50.0	2.96	ug/L		12/10/24 08:10	12/11/24 05:04	1
Cobalt	ND		50.0	0.880	ug/L		12/10/24 08:10	12/11/24 05:04	1
Copper	ND		50.0	2.69	ug/L		12/10/24 08:10	12/11/24 05:04	1
Molybdenum	ND		50.0	3.91	ug/L		12/10/24 08:10	12/11/24 05:04	1
Antimony	ND		100	25.5	ug/L		12/10/24 08:10	12/11/24 05:04	1
Nickel	ND		50.0	3.07	ug/L		12/10/24 08:10	12/11/24 05:04	1
Selenium	ND		50.0	16.2	ug/L		12/10/24 08:10	12/11/24 05:04	1
Silver	ND		10.0	2.59	ug/L		12/10/24 08:10	12/11/24 05:04	1
Thallium	ND		50.0	9.96	ug/L		12/10/24 08:10	12/11/24 05:04	1
Vanadium	ND		10.0	2.39	ug/L		12/10/24 08:10	12/11/24 05:04	1
Lead	ND		50.0	5.27	ug/L		12/10/24 08:10	12/11/24 05:04	1
Zinc	ND		250	13.3	ug/L		12/10/24 08:10	12/11/24 05:04	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-512008/2-A
Matrix: Water
Analysis Batch: 512483

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 512008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	500	492.0		ug/L		98	80 - 120
Barium	500	483.5		ug/L		97	80 - 120
Beryllium	500	483.5		ug/L		97	80 - 120
Cadmium	500	502.1		ug/L		100	80 - 120
Chromium	500	495.3		ug/L		99	80 - 120
Cobalt	500	499.0		ug/L		100	80 - 120
Copper	500	480.3		ug/L		96	80 - 120
Molybdenum	500	491.5		ug/L		98	80 - 120
Antimony	500	461.8		ug/L		92	80 - 120
Nickel	500	499.2		ug/L		100	80 - 120
Selenium	500	472.4		ug/L		94	80 - 120
Silver	250	241.5		ug/L		97	80 - 120
Thallium	500	497.2		ug/L		99	80 - 120
Vanadium	500	485.9		ug/L		97	80 - 120
Lead	500	496.0		ug/L		99	80 - 120
Zinc	500	510.4		ug/L		102	80 - 120

Lab Sample ID: LCSD 570-512008/3-A
Matrix: Water
Analysis Batch: 512483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 512008

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	500	499.4		ug/L		100	80 - 120	1	20
Barium	500	500.8		ug/L		100	80 - 120	4	20
Beryllium	500	501.0		ug/L		100	80 - 120	4	20
Cadmium	500	520.6		ug/L		104	80 - 120	4	20
Chromium	500	510.8		ug/L		102	80 - 120	3	20
Cobalt	500	511.8		ug/L		102	80 - 120	3	20
Copper	500	496.5		ug/L		99	80 - 120	3	20
Molybdenum	500	510.9		ug/L		102	80 - 120	4	20
Antimony	500	478.4		ug/L		96	80 - 120	4	20
Nickel	500	513.5		ug/L		103	80 - 120	3	20
Selenium	500	494.9		ug/L		99	80 - 120	5	20
Silver	250	250.0		ug/L		100	80 - 120	3	20
Thallium	500	520.1		ug/L		104	80 - 120	5	20
Vanadium	500	502.9		ug/L		101	80 - 120	3	20
Lead	500	517.6		ug/L		104	80 - 120	4	20
Zinc	500	529.0		ug/L		106	80 - 120	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-513032/1-A
Matrix: Water
Analysis Batch: 513296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.200	0.124	ug/L		12/12/24 09:21	12/12/24 13:40	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 570-513032/2-A
Matrix: Water
Analysis Batch: 513296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	8.00	6.704		ug/L		84	80 - 120

Lab Sample ID: LCSD 570-513032/3-A
Matrix: Water
Analysis Batch: 513296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513032

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	8.00	7.358		ug/L		92	80 - 120	9	10

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-512062/1-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0887	0.0245	mg/Kg		12/10/24 09:45	12/11/24 13:53	1

Lab Sample ID: LCS 570-512062/2-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.426	0.4422		mg/Kg		104	80 - 120

Lab Sample ID: LCSD 570-512062/3-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512062

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.385	0.4079		mg/Kg		106	80 - 120	8	10

Lab Sample ID: 570-209997-3 MS
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: SB25-15.0
Prep Type: Total/NA
Prep Batch: 512062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.557	0.6086		mg/Kg	☼	109	80 - 120

Lab Sample ID: 570-209997-3 MSD
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: SB25-15.0
Prep Type: Total/NA
Prep Batch: 512062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.524	0.5523		mg/Kg	☼	105	80 - 120	10	20

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 570-512079/1-A
Matrix: Solid
Analysis Batch: 512314
Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0801	0.0221	mg/Kg		12/10/24 10:10	12/10/24 17:42	1

Lab Sample ID: LCS 570-512079/2-A
Matrix: Solid
Analysis Batch: 512314
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512079

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.400	0.3759		mg/Kg		94	80 - 120		

Lab Sample ID: LCSD 570-512079/3-A
Matrix: Solid
Analysis Batch: 512314
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.377	0.3324	*1	mg/Kg		88	80 - 120	12	10

Lab Sample ID: 570-209997-22 MS
Matrix: Solid
Analysis Batch: 512314
Client Sample ID: SB45-1.0
Prep Type: Total/NA
Prep Batch: 512079

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND	*1	0.419	0.3715		mg/Kg	☼	89	80 - 120		

Lab Sample ID: 570-209997-22 MSD
Matrix: Solid
Analysis Batch: 512314
Client Sample ID: SB45-1.0
Prep Type: Total/NA
Prep Batch: 512079

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	*1	0.419	0.3802		mg/Kg	☼	91	80 - 120	2	20

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-511587/1
Matrix: Solid
Analysis Batch: 511587
Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/09/24 11:31	1

Lab Sample ID: 570-209997-5 DU
Matrix: Solid
Analysis Batch: 511587
Client Sample ID: SB27-5.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	12.1			11.8		%				2	10

Method: Moisture - 2540 - Percent Moisture (Continued)

Lab Sample ID: MB 570-511715/1
Matrix: Solid
Analysis Batch: 511715

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/09/24 13:53	1

Lab Sample ID: 570-209997-12 DU
Matrix: Solid
Analysis Batch: 511715

Client Sample ID: SB42-15.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	15.2			15.7		%				4	10

Lab Sample ID: 570-209997-23 DU
Matrix: Solid
Analysis Batch: 511715

Client Sample ID: SB45-5.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	8.96			8.54		%				5	10

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCSD 570-511926/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	94.53		ug/L	95	20 - 120	3 - 137	
1,2-Dichlorobenzene	100	76.85		ug/L	77	16 - 122	1 - 140	
1,3-Dichlorobenzene	100	77.74		ug/L	78	14 - 120	1 - 138	
1,4-Dichlorobenzene	100	73.08		ug/L	73	15 - 120	1 - 138	
1-Methylnaphthalene	100	90.54		ug/L	91	21 - 129	3 - 147	
2,4,5-Trichlorophenol	100	92.89		ug/L	93	26 - 144	6 - 164	
2,4,6-Trichlorophenol	100	91.41		ug/L	91	27 - 143	8 - 162	
2,4-Dichlorophenol	100	102.2		ug/L	102	22 - 128	4 - 146	
2,4-Dimethylphenol	100	103.5		ug/L	103	20 - 125	3 - 143	
2,4-Dinitrophenol	100	144.0		ug/L	144	10 - 180	1 - 208	
2,4-Dinitrotoluene	100	90.15		ug/L	90	28 - 160	6 - 182	
2,6-Dichlorophenol	100	95.25		ug/L	95	22 - 124	5 - 141	
2,6-Dinitrotoluene	100	90.72		ug/L	91	30 - 157	9 - 178	
2-Chloronaphthalene	100	94.91		ug/L	95	25 - 141	6 - 160	
2-Chlorophenol	100	86.69		ug/L	87	22 - 129	4 - 147	
2-Methylnaphthalene	100	102.2		ug/L	102	19 - 120	2 - 137	
2-Methylphenol	100	71.98		ug/L	72	15 - 130	1 - 149	
2-Nitroaniline	100	101.5		ug/L	101	17 - 141	1 - 162	
2-Nitrophenol	100	92.90		ug/L	93	23 - 128	6 - 146	
3,3'-Dichlorobenzidine	100	76.04		ug/L	76	18 - 162	1 - 186	
3/4-Methylphenol	200	130.5		ug/L	65	10 - 120	1 - 138	
3-Nitroaniline	100	73.24		ug/L	73	17 - 152	1 - 175	
4,6-Dinitro-2-methylphenol	100	104.4		ug/L	104	11 - 159	1 - 184	
4-Bromophenyl phenyl ether	100	88.97		ug/L	89	29 - 161	7 - 183	
4-Chloro-3-methylphenol	100	102.5		ug/L	102	23 - 135	4 - 154	
4-Chloroaniline	100	64.73		ug/L	65	10 - 127	1 - 147	
4-Chlorophenyl phenyl ether	100	92.24		ug/L	92	27 - 150	7 - 171	
4-Nitroaniline	100	83.41		ug/L	83	16 - 151	1 - 174	
4-Nitrophenol	100	50.71		ug/L	51	10 - 120	1 - 138	
Acenaphthene	100	92.02		ug/L	92	26 - 143	7 - 163	
Acenaphthylene	100	83.93		ug/L	84	21 - 156	1 - 179	
Aniline	100	48.69		ug/L	49	10 - 120	1 - 138	
Anthracene	100	93.75		ug/L	94	28 - 155	7 - 176	
Azobenzene	100	99.98		ug/L	100	19 - 146	1 - 167	
Benzidine	100	ND	*- *1	ug/L	0	10 - 120	1 - 138	X
Benzo[a]anthracene	100	97.77		ug/L	98	26 - 159	4 - 181	
Benzo[a]pyrene	100	97.63		ug/L	98	27 - 164	4 - 187	
Benzo[b]fluoranthene	100	97.06		ug/L	97	26 - 166	3 - 189	
Benzo[g,h,i]perylene	100	95.31		ug/L	95	26 - 162	3 - 185	
Benzo[k]fluoranthene	100	94.65		ug/L	95	30 - 165	8 - 188	
Benzoic acid	100	54.51		ug/L	55	10 - 123	1 - 142	
Benzyl alcohol	100	81.27		ug/L	81	10 - 151	1 - 175	
Bis(2-chloroethoxy)methane	100	93.47		ug/L	93	19 - 129	1 - 147	
Bis(2-chloroethyl)ether	100	82.49		ug/L	82	19 - 136	1 - 156	
bis (2-Chloroisopropyl) ether	100	85.18		ug/L	85	10 - 154	1 - 178	
Bis(2-ethylhexyl) phthalate	100	92.16		ug/L	92	27 - 163	4 - 186	
Butyl benzyl phthalate	100	94.53		ug/L	95	26 - 161	4 - 184	
Chrysene	100	89.62		ug/L	90	26 - 153	5 - 174	
Dibenz(a,h)anthracene	100	99.59		ug/L	100	26 - 153	5 - 174	

Marginal Exceedance (ME) Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-511926/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	100	91.88		ug/L	92	27 - 139	8 - 158	
Diethyl phthalate	100	94.17		ug/L	94	28 - 149	8 - 169	
Dimethyl phthalate	100	90.73		ug/L	91	29 - 148	9 - 168	
Di-n-butyl phthalate	100	93.76		ug/L	94	30 - 151	10 - 171	
Di-n-octyl phthalate	100	92.89		ug/L	93	40 - 166	19 - 187	
Fluoranthene	100	91.54		ug/L	92	28 - 159	6 - 181	
Fluorene	100	93.88		ug/L	94	26 - 149	6 - 170	
Hexachloro-1,3-butadiene	100	105.1		ug/L	105	17 - 120	1 - 137	
Hexachlorobenzene	100	109.9		ug/L	110	20 - 157	1 - 180	
Hexachlorocyclopentadiene	100	111.4		ug/L	111	21 - 145	1 - 166	
Hexachloroethane	100	76.50		ug/L	76	11 - 121	1 - 139	
Indeno[1,2,3-cd]pyrene	100	100.8		ug/L	101	23 - 162	1 - 185	
Isophorone	100	89.71		ug/L	90	15 - 146	1 - 168	
Naphthalene	100	92.19		ug/L	92	19 - 120	2 - 137	
Nitrobenzene	100	104.2		ug/L	104	17 - 120	1 - 137	
N-Nitrosodimethylamine	100	52.05		ug/L	52	10 - 120	1 - 138	
N-Nitrosodi-n-propylamine	100	81.93		ug/L	82	19 - 138	1 - 158	
n-Nitrosodiphenylamine(as diphenylamine)	100	111.2		ug/L	111	30 - 168	7 - 191	
Pentachlorophenol	100	107.8		ug/L	108	10 - 153	1 - 177	
Phenanthrene	100	93.26		ug/L	93	27 - 150	7 - 171	
Phenol	100	37.53		ug/L	38	10 - 120	1 - 138	
Pyrene	100	94.01		ug/L	94	23 - 153	1 - 175	
Pyridine	100	59.50		ug/L	59	10 - 120	1 - 138	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	0

X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 511477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	8260B	
570-209997-29	TB-20241206	Total/NA	Water	8260B	
MB 570-511477/11	Method Blank	Total/NA	Water	8260B	
LCS 570-511477/1007	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-511477/8	Lab Control Sample Dup	Total/NA	Water	8260B	

Prep Batch: 511753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	5035	
570-209997-2	SB25-5.0	Total/NA	Solid	5035	
570-209997-3	SB25-15.0	Total/NA	Solid	5035	
570-209997-4	SB27-1.0	Total/NA	Solid	5035	
570-209997-5	SB27-5.0	Total/NA	Solid	5035	
570-209997-6	SB27-15.0	Total/NA	Solid	5035	
570-209997-7	SB26-2.0	Total/NA	Solid	5035	
570-209997-8	SB26-5.0	Total/NA	Solid	5035	
570-209997-9	SB26-15.0	Total/NA	Solid	5035	
570-209997-10	SB42-2.0	Total/NA	Solid	5035	
570-209997-11	SB42-5.0	Total/NA	Solid	5035	
570-209997-12	SB42-15.0	Total/NA	Solid	5035	
570-209997-13	SB44-2.0	Total/NA	Solid	5035	
570-209997-14	SB44-5.0	Total/NA	Solid	5035	
570-209997-15	SB44-15.0	Total/NA	Solid	5035	
570-209997-16	SB48-2.0	Total/NA	Solid	5035	
570-209997-17	SB48-5.0	Total/NA	Solid	5035	
570-209997-18	SB48-15.0	Total/NA	Solid	5035	
570-209997-20	SB49-2.0	Total/NA	Solid	5035	
570-209997-21	SB49-5.0	Total/NA	Solid	5035	
570-209997-22	SB45-1.0	Total/NA	Solid	5035	
570-209997-23	SB45-5.0	Total/NA	Solid	5035	
570-209997-24	SB45-15.0	Total/NA	Solid	5035	
570-209997-25	SB39-2.0	Total/NA	Solid	5035	
570-209997-26	SB39-5.0	Total/NA	Solid	5035	
570-209997-27	SB39-15.0	Total/NA	Solid	5035	

Analysis Batch: 511762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-7	SB26-2.0	Total/NA	Solid	8260B	511753
570-209997-8	SB26-5.0	Total/NA	Solid	8260B	511753
570-209997-9	SB26-15.0	Total/NA	Solid	8260B	511753
570-209997-10	SB42-2.0	Total/NA	Solid	8260B	511753
570-209997-11	SB42-5.0	Total/NA	Solid	8260B	511753
570-209997-12	SB42-15.0	Total/NA	Solid	8260B	511753
570-209997-13	SB44-2.0	Total/NA	Solid	8260B	511753
570-209997-15	SB44-15.0	Total/NA	Solid	8260B	511753
570-209997-17	SB48-5.0	Total/NA	Solid	8260B	511753
570-209997-18	SB48-15.0	Total/NA	Solid	8260B	511753
570-209997-20	SB49-2.0	Total/NA	Solid	8260B	511753
570-209997-21	SB49-5.0	Total/NA	Solid	8260B	511753
570-209997-22	SB45-1.0	Total/NA	Solid	8260B	511753
570-209997-23	SB45-5.0	Total/NA	Solid	8260B	511753

GC/MS VOA (Continued)

Analysis Batch: 511762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-24	SB45-15.0	Total/NA	Solid	8260B	511753
570-209997-25	SB39-2.0	Total/NA	Solid	8260B	511753
570-209997-26	SB39-5.0	Total/NA	Solid	8260B	511753
570-209997-27	SB39-15.0	Total/NA	Solid	8260B	511753
MB 570-511762/5	Method Blank	Total/NA	Solid	8260B	
MB 570-511762/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-511762/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-511762/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 511764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	8260B	511753
570-209997-2	SB25-5.0	Total/NA	Solid	8260B	511753
570-209997-3	SB25-15.0	Total/NA	Solid	8260B	511753
570-209997-4	SB27-1.0	Total/NA	Solid	8260B	511753
570-209997-5	SB27-5.0	Total/NA	Solid	8260B	511753
570-209997-6	SB27-15.0	Total/NA	Solid	8260B	511753
MB 570-511764/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-511764/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-511764/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 511986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-14	SB44-5.0	Total/NA	Solid	8260B	511753
MB 570-511986/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-511986/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-511986/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 511998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28 - RA	EB-20241206	Total/NA	Water	8260B	
570-209997-29 - RA	TB-20241206	Total/NA	Water	8260B	
MB 570-511998/6	Method Blank	Total/NA	Water	8260B	
LCS 570-511998/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-511998/3	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 514557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-16	SB48-2.0	Total/NA	Solid	8260B	511753
MB 570-514557/5	Method Blank	Total/NA	Solid	8260B	
LCS 570-514557/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-514557/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 511822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	3546	
570-209997-2	SB25-5.0	Total/NA	Solid	3546	
570-209997-3	SB25-15.0	Total/NA	Solid	3546	
570-209997-4	SB27-1.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 511822 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-5	SB27-5.0	Total/NA	Solid	3546	
570-209997-6	SB27-15.0	Total/NA	Solid	3546	
570-209997-7	SB26-2.0	Total/NA	Solid	3546	
570-209997-8	SB26-5.0	Total/NA	Solid	3546	
570-209997-9	SB26-15.0	Total/NA	Solid	3546	
570-209997-10	SB42-2.0	Total/NA	Solid	3546	
570-209997-11	SB42-5.0	Total/NA	Solid	3546	
MB 570-511822/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-511822/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-511822/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 511840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	3546	
570-209997-2	SB25-5.0	Total/NA	Solid	3546	
570-209997-3	SB25-15.0	Total/NA	Solid	3546	
570-209997-4	SB27-1.0	Total/NA	Solid	3546	
570-209997-5	SB27-5.0	Total/NA	Solid	3546	
570-209997-6	SB27-15.0	Total/NA	Solid	3546	
570-209997-7	SB26-2.0	Total/NA	Solid	3546	
570-209997-8	SB26-5.0	Total/NA	Solid	3546	
570-209997-9	SB26-15.0	Total/NA	Solid	3546	
570-209997-10	SB42-2.0	Total/NA	Solid	3546	
570-209997-11	SB42-5.0	Total/NA	Solid	3546	
MB 570-511840/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-511840/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-511840/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209997-3 MS	SB25-15.0	Total/NA	Solid	3546	
570-209997-3 MSD	SB25-15.0	Total/NA	Solid	3546	

Prep Batch: 511848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	3546	
570-209997-13	SB44-2.0	Total/NA	Solid	3546	
570-209997-14	SB44-5.0	Total/NA	Solid	3546	
570-209997-15	SB44-15.0	Total/NA	Solid	3546	
570-209997-16	SB48-2.0	Total/NA	Solid	3546	
570-209997-17	SB48-5.0	Total/NA	Solid	3546	
570-209997-18	SB48-15.0	Total/NA	Solid	3546	
570-209997-20	SB49-2.0	Total/NA	Solid	3546	
570-209997-21	SB49-5.0	Total/NA	Solid	3546	
570-209997-22	SB45-1.0	Total/NA	Solid	3546	
570-209997-23	SB45-5.0	Total/NA	Solid	3546	
570-209997-24	SB45-15.0	Total/NA	Solid	3546	
570-209997-25	SB39-2.0	Total/NA	Solid	3546	
570-209997-26	SB39-5.0	Total/NA	Solid	3546	
570-209997-27	SB39-15.0	Total/NA	Solid	3546	
MB 570-511848/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-511848/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-511848/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209997-12 MS	SB42-15.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 511848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12 MSD	SB42-15.0	Total/NA	Solid	3546	

Prep Batch: 511850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	3546	
570-209997-13	SB44-2.0	Total/NA	Solid	3546	
570-209997-14	SB44-5.0	Total/NA	Solid	3546	
570-209997-15	SB44-15.0	Total/NA	Solid	3546	
570-209997-16	SB48-2.0	Total/NA	Solid	3546	
570-209997-17	SB48-5.0	Total/NA	Solid	3546	
570-209997-18	SB48-15.0	Total/NA	Solid	3546	
570-209997-20	SB49-2.0	Total/NA	Solid	3546	
570-209997-21	SB49-5.0	Total/NA	Solid	3546	
570-209997-22	SB45-1.0	Total/NA	Solid	3546	
570-209997-23	SB45-5.0	Total/NA	Solid	3546	
570-209997-24	SB45-15.0	Total/NA	Solid	3546	
570-209997-25	SB39-2.0	Total/NA	Solid	3546	
570-209997-26	SB39-5.0	Total/NA	Solid	3546	
570-209997-27	SB39-15.0	Total/NA	Solid	3546	
MB 570-511850/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-511850/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-511850/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-209997-12 MS	SB42-15.0	Total/NA	Solid	3546	
570-209997-12 MSD	SB42-15.0	Total/NA	Solid	3546	

Prep Batch: 511926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	3510C	
MB 570-511926/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-511926/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-511926/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 512178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	3510C	
MB 570-512178/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-512178/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-512178/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 512542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	8270C SIM	511840
570-209997-2	SB25-5.0	Total/NA	Solid	8270C SIM	511840
570-209997-3	SB25-15.0	Total/NA	Solid	8270C SIM	511840
570-209997-4	SB27-1.0	Total/NA	Solid	8270C SIM	511840
570-209997-5	SB27-5.0	Total/NA	Solid	8270C SIM	511840
570-209997-6	SB27-15.0	Total/NA	Solid	8270C SIM	511840
MB 570-511840/1-A	Method Blank	Total/NA	Solid	8270C SIM	511840
LCS 570-511840/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	511840
LCSD 570-511840/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	511840
570-209997-3 MS	SB25-15.0	Total/NA	Solid	8270C SIM	511840

GC/MS Semi VOA (Continued)

Analysis Batch: 512542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-3 MSD	SB25-15.0	Total/NA	Solid	8270C SIM	511840

Analysis Batch: 512556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	8270C	511926
MB 570-511926/1-A	Method Blank	Total/NA	Water	8270C	511926
LCS 570-511926/2-A	Lab Control Sample	Total/NA	Water	8270C	511926
LCSD 570-511926/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	511926

Analysis Batch: 512748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	8270C SIM	511850
MB 570-511850/1-A	Method Blank	Total/NA	Solid	8270C SIM	511850
LCS 570-511850/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	511850
LCSD 570-511850/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	511850
570-209997-12 MS	SB42-15.0	Total/NA	Solid	8270C SIM	511850
570-209997-12 MSD	SB42-15.0	Total/NA	Solid	8270C SIM	511850

Analysis Batch: 512892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-7	SB26-2.0	Total/NA	Solid	8270C SIM	511840
570-209997-8	SB26-5.0	Total/NA	Solid	8270C SIM	511840
570-209997-9	SB26-15.0	Total/NA	Solid	8270C SIM	511840
570-209997-10	SB42-2.0	Total/NA	Solid	8270C SIM	511840
570-209997-11	SB42-5.0	Total/NA	Solid	8270C SIM	511840
570-209997-13	SB44-2.0	Total/NA	Solid	8270C SIM	511850
570-209997-14	SB44-5.0	Total/NA	Solid	8270C SIM	511850
570-209997-15	SB44-15.0	Total/NA	Solid	8270C SIM	511850
570-209997-16	SB48-2.0	Total/NA	Solid	8270C SIM	511850
570-209997-17	SB48-5.0	Total/NA	Solid	8270C SIM	511850
570-209997-18	SB48-15.0	Total/NA	Solid	8270C SIM	511850
570-209997-20	SB49-2.0	Total/NA	Solid	8270C SIM	511850
570-209997-21	SB49-5.0	Total/NA	Solid	8270C SIM	511850
570-209997-22	SB45-1.0	Total/NA	Solid	8270C SIM	511850
570-209997-23	SB45-5.0	Total/NA	Solid	8270C SIM	511850
570-209997-24	SB45-15.0	Total/NA	Solid	8270C SIM	511850
570-209997-25	SB39-2.0	Total/NA	Solid	8270C SIM	511850
570-209997-26	SB39-5.0	Total/NA	Solid	8270C SIM	511850
570-209997-27	SB39-15.0	Total/NA	Solid	8270C SIM	511850

Analysis Batch: 513021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	8270C	511848
570-209997-13	SB44-2.0	Total/NA	Solid	8270C	511848
570-209997-14	SB44-5.0	Total/NA	Solid	8270C	511848
570-209997-15	SB44-15.0	Total/NA	Solid	8270C	511848
MB 570-511848/1-A	Method Blank	Total/NA	Solid	8270C	511848
LCS 570-511848/2-A	Lab Control Sample	Total/NA	Solid	8270C	511848
LCSD 570-511848/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	511848
570-209997-12 MS	SB42-15.0	Total/NA	Solid	8270C	511848
570-209997-12 MSD	SB42-15.0	Total/NA	Solid	8270C	511848

GC/MS Semi VOA

Analysis Batch: 513024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	8270C	511822
570-209997-2	SB25-5.0	Total/NA	Solid	8270C	511822
570-209997-3	SB25-15.0	Total/NA	Solid	8270C	511822
570-209997-4	SB27-1.0	Total/NA	Solid	8270C	511822
570-209997-5	SB27-5.0	Total/NA	Solid	8270C	511822
570-209997-6	SB27-15.0	Total/NA	Solid	8270C	511822
570-209997-7	SB26-2.0	Total/NA	Solid	8270C	511822
570-209997-8	SB26-5.0	Total/NA	Solid	8270C	511822
570-209997-9	SB26-15.0	Total/NA	Solid	8270C	511822
570-209997-10	SB42-2.0	Total/NA	Solid	8270C	511822
570-209997-11	SB42-5.0	Total/NA	Solid	8270C	511822
570-209997-16	SB48-2.0	Total/NA	Solid	8270C	511848
570-209997-17	SB48-5.0	Total/NA	Solid	8270C	511848
570-209997-20	SB49-2.0	Total/NA	Solid	8270C	511848
570-209997-21	SB49-5.0	Total/NA	Solid	8270C	511848
570-209997-22	SB45-1.0	Total/NA	Solid	8270C	511848
MB 570-511822/1-A	Method Blank	Total/NA	Solid	8270C	511822
LCS 570-511822/2-A	Lab Control Sample	Total/NA	Solid	8270C	511822
LCSD 570-511822/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	511822

Analysis Batch: 513343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	8270C SIM	512178
MB 570-512178/1-A	Method Blank	Total/NA	Water	8270C SIM	512178
LCS 570-512178/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	512178
LCSD 570-512178/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	512178

Analysis Batch: 513514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-18	SB48-15.0	Total/NA	Solid	8270C	511848
570-209997-23	SB45-5.0	Total/NA	Solid	8270C	511848
570-209997-24	SB45-15.0	Total/NA	Solid	8270C	511848
570-209997-25	SB39-2.0	Total/NA	Solid	8270C	511848
570-209997-26	SB39-5.0	Total/NA	Solid	8270C	511848
570-209997-27	SB39-15.0	Total/NA	Solid	8270C	511848

GC VOA

Prep Batch: 511753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	5035	
570-209997-2	SB25-5.0	Total/NA	Solid	5035	
570-209997-3	SB25-15.0	Total/NA	Solid	5035	
570-209997-4	SB27-1.0	Total/NA	Solid	5035	
570-209997-5	SB27-5.0	Total/NA	Solid	5035	
570-209997-6	SB27-15.0	Total/NA	Solid	5035	
570-209997-7	SB26-2.0	Total/NA	Solid	5035	
570-209997-8	SB26-5.0	Total/NA	Solid	5035	
570-209997-9	SB26-15.0	Total/NA	Solid	5035	
570-209997-10	SB42-2.0	Total/NA	Solid	5035	
570-209997-11	SB42-5.0	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 511753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	5035	
570-209997-13	SB44-2.0	Total/NA	Solid	5035	
570-209997-14	SB44-5.0	Total/NA	Solid	5035	
570-209997-15	SB44-15.0	Total/NA	Solid	5035	
570-209997-16	SB48-2.0	Total/NA	Solid	5035	
570-209997-17	SB48-5.0	Total/NA	Solid	5035	
570-209997-18	SB48-15.0	Total/NA	Solid	5035	
570-209997-20	SB49-2.0	Total/NA	Solid	5035	
570-209997-21	SB49-5.0	Total/NA	Solid	5035	
570-209997-22	SB45-1.0	Total/NA	Solid	5035	
570-209997-23	SB45-5.0	Total/NA	Solid	5035	
570-209997-24	SB45-15.0	Total/NA	Solid	5035	
570-209997-25	SB39-2.0	Total/NA	Solid	5035	
570-209997-26	SB39-5.0	Total/NA	Solid	5035	
570-209997-27	SB39-15.0	Total/NA	Solid	5035	

Analysis Batch: 511806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	8015B	
MB 570-511806/34	Method Blank	Total/NA	Water	8015B	
LCS 570-511806/32	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-511806/33	Lab Control Sample Dup	Total/NA	Water	8015B	

Analysis Batch: 512317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	8015B	511753
570-209997-2	SB25-5.0	Total/NA	Solid	8015B	511753
570-209997-3	SB25-15.0	Total/NA	Solid	8015B	511753
570-209997-4	SB27-1.0	Total/NA	Solid	8015B	511753
570-209997-5	SB27-5.0	Total/NA	Solid	8015B	511753
570-209997-6	SB27-15.0	Total/NA	Solid	8015B	511753
570-209997-7	SB26-2.0	Total/NA	Solid	8015B	511753
570-209997-8	SB26-5.0	Total/NA	Solid	8015B	511753
570-209997-9	SB26-15.0	Total/NA	Solid	8015B	511753
570-209997-10	SB42-2.0	Total/NA	Solid	8015B	511753
570-209997-11	SB42-5.0	Total/NA	Solid	8015B	511753
570-209997-12	SB42-15.0	Total/NA	Solid	8015B	511753
570-209997-14	SB44-5.0	Total/NA	Solid	8015B	511753
MB 570-512317/33	Method Blank	Total/NA	Solid	8015B	
MB 570-512317/34	Method Blank	Total/NA	Solid	8015B	
LCS 570-512317/31	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512317/32	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-15	SB44-15.0	Total/NA	Solid	8015B	511753
570-209997-16	SB48-2.0	Total/NA	Solid	8015B	511753
570-209997-17	SB48-5.0	Total/NA	Solid	8015B	511753
570-209997-18	SB48-15.0	Total/NA	Solid	8015B	511753
MB 570-512397/30	Method Blank	Total/NA	Solid	8015B	
LCS 570-512397/28	Lab Control Sample	Total/NA	Solid	8015B	

GC VOA (Continued)

Analysis Batch: 512397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-512397/29	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-13	SB44-2.0	Total/NA	Solid	8015B	511753
570-209997-20	SB49-2.0	Total/NA	Solid	8015B	511753
MB 570-512651/6	Method Blank	Total/NA	Solid	8015B	
MB 570-512651/7	Method Blank	Total/NA	Solid	8015B	
LCS 570-512651/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512651/5	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 512890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-21	SB49-5.0	Total/NA	Solid	8015B	511753
570-209997-22	SB45-1.0	Total/NA	Solid	8015B	511753
570-209997-23	SB45-5.0	Total/NA	Solid	8015B	511753
570-209997-24	SB45-15.0	Total/NA	Solid	8015B	511753
570-209997-25	SB39-2.0	Total/NA	Solid	8015B	511753
570-209997-26	SB39-5.0	Total/NA	Solid	8015B	511753
570-209997-27	SB39-15.0	Total/NA	Solid	8015B	511753
MB 570-512890/36	Method Blank	Total/NA	Solid	8015B	
MB 570-512890/37	Method Blank	Total/NA	Solid	8015B	
LCS 570-512890/34	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-512890/35	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 512153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-7	SB26-2.0	Total/NA	Solid	3550C	
570-209997-8	SB26-5.0	Total/NA	Solid	3550C	
570-209997-9	SB26-15.0	Total/NA	Solid	3550C	
570-209997-10	SB42-2.0	Total/NA	Solid	3550C	
570-209997-11	SB42-5.0	Total/NA	Solid	3550C	
570-209997-12	SB42-15.0	Total/NA	Solid	3550C	
570-209997-13 - DL	SB44-2.0	Total/NA	Solid	3550C	
570-209997-14	SB44-5.0	Total/NA	Solid	3550C	
570-209997-15	SB44-15.0	Total/NA	Solid	3550C	
570-209997-16	SB48-2.0	Total/NA	Solid	3550C	
570-209997-17	SB48-5.0	Total/NA	Solid	3550C	
570-209997-18	SB48-15.0	Total/NA	Solid	3550C	
570-209997-20	SB49-2.0	Total/NA	Solid	3550C	
570-209997-21	SB49-5.0	Total/NA	Solid	3550C	
570-209997-22	SB45-1.0	Total/NA	Solid	3550C	
570-209997-23	SB45-5.0	Total/NA	Solid	3550C	
570-209997-24	SB45-15.0	Total/NA	Solid	3550C	
570-209997-25	SB39-2.0	Total/NA	Solid	3550C	
570-209997-26	SB39-5.0	Total/NA	Solid	3550C	
570-209997-27	SB39-15.0	Total/NA	Solid	3550C	
MB 570-512153/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-512153/2-A	Lab Control Sample	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 512153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-512153/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-209997-27 MS	SB39-15.0	Total/NA	Solid	3550C	
570-209997-27 MSD	SB39-15.0	Total/NA	Solid	3550C	

Prep Batch: 512176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	3550C	
570-209997-2	SB25-5.0	Total/NA	Solid	3550C	
570-209997-3	SB25-15.0	Total/NA	Solid	3550C	
570-209997-4 - DL	SB27-1.0	Total/NA	Solid	3550C	
570-209997-5	SB27-5.0	Total/NA	Solid	3550C	
570-209997-6	SB27-15.0	Total/NA	Solid	3550C	
MB 570-512176/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-512176/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-512176/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 512299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	8015B	512176
570-209997-2	SB25-5.0	Total/NA	Solid	8015B	512176
570-209997-3	SB25-15.0	Total/NA	Solid	8015B	512176
MB 570-512176/1-A	Method Blank	Total/NA	Solid	8015B	512176
LCS 570-512176/2-A	Lab Control Sample	Total/NA	Solid	8015B	512176
LCSD 570-512176/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	512176

Analysis Batch: 512378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-5	SB27-5.0	Total/NA	Solid	8015B	512176
570-209997-6	SB27-15.0	Total/NA	Solid	8015B	512176

Prep Batch: 512704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	3510C	
MB 570-512704/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-512704/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 570-512704/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-512704/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 570-512704/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 513001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	8015B	512704
MB 570-512704/1-A	Method Blank	Total/NA	Water	8015B	512704
LCS 570-512704/2-A	Lab Control Sample	Total/NA	Water	8015B	512704
LCS 570-512704/4-A	Lab Control Sample	Total/NA	Water	8015B	512704
LCSD 570-512704/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	512704
LCSD 570-512704/5-A	Lab Control Sample Dup	Total/NA	Water	8015B	512704

Analysis Batch: 513059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-7	SB26-2.0	Total/NA	Solid	8015B	512153

GC Semi VOA (Continued)

Analysis Batch: 513059 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-8	SB26-5.0	Total/NA	Solid	8015B	512153
570-209997-9	SB26-15.0	Total/NA	Solid	8015B	512153
570-209997-10	SB42-2.0	Total/NA	Solid	8015B	512153
570-209997-11	SB42-5.0	Total/NA	Solid	8015B	512153
570-209997-12	SB42-15.0	Total/NA	Solid	8015B	512153
570-209997-14	SB44-5.0	Total/NA	Solid	8015B	512153
570-209997-15	SB44-15.0	Total/NA	Solid	8015B	512153
570-209997-16	SB48-2.0	Total/NA	Solid	8015B	512153
570-209997-17	SB48-5.0	Total/NA	Solid	8015B	512153
570-209997-18	SB48-15.0	Total/NA	Solid	8015B	512153
570-209997-20	SB49-2.0	Total/NA	Solid	8015B	512153
570-209997-21	SB49-5.0	Total/NA	Solid	8015B	512153
570-209997-22	SB45-1.0	Total/NA	Solid	8015B	512153
570-209997-23	SB45-5.0	Total/NA	Solid	8015B	512153
570-209997-24	SB45-15.0	Total/NA	Solid	8015B	512153
570-209997-25	SB39-2.0	Total/NA	Solid	8015B	512153
570-209997-26	SB39-5.0	Total/NA	Solid	8015B	512153
570-209997-27	SB39-15.0	Total/NA	Solid	8015B	512153
MB 570-512153/1-A	Method Blank	Total/NA	Solid	8015B	512153
LCS 570-512153/2-A	Lab Control Sample	Total/NA	Solid	8015B	512153
LCSD 570-512153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	512153
570-209997-27 MS	SB39-15.0	Total/NA	Solid	8015B	512153
570-209997-27 MSD	SB39-15.0	Total/NA	Solid	8015B	512153

Analysis Batch: 513262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-13 - DL	SB44-2.0	Total/NA	Solid	8015B	512153

Analysis Batch: 513499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-4 - DL	SB27-1.0	Total/NA	Solid	8015B	512176

Metals

Prep Batch: 512008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	3005A	
MB 570-512008/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 570-512008/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 570-512008/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	

Prep Batch: 512062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	7471A	
570-209997-2	SB25-5.0	Total/NA	Solid	7471A	
570-209997-3	SB25-15.0	Total/NA	Solid	7471A	
570-209997-4	SB27-1.0	Total/NA	Solid	7471A	
570-209997-5	SB27-5.0	Total/NA	Solid	7471A	
570-209997-6	SB27-15.0	Total/NA	Solid	7471A	
570-209997-7	SB26-2.0	Total/NA	Solid	7471A	
570-209997-8	SB26-5.0	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 512062 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-9	SB26-15.0	Total/NA	Solid	7471A	
570-209997-10	SB42-2.0	Total/NA	Solid	7471A	
570-209997-11	SB42-5.0	Total/NA	Solid	7471A	
570-209997-12	SB42-15.0	Total/NA	Solid	7471A	
570-209997-13	SB44-2.0	Total/NA	Solid	7471A	
570-209997-14	SB44-5.0	Total/NA	Solid	7471A	
570-209997-15	SB44-15.0	Total/NA	Solid	7471A	
570-209997-16	SB48-2.0	Total/NA	Solid	7471A	
570-209997-17	SB48-5.0	Total/NA	Solid	7471A	
570-209997-18	SB48-15.0	Total/NA	Solid	7471A	
570-209997-20	SB49-2.0	Total/NA	Solid	7471A	
570-209997-21	SB49-5.0	Total/NA	Solid	7471A	
MB 570-512062/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-512062/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-512062/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209997-3 MS	SB25-15.0	Total/NA	Solid	7471A	
570-209997-3 MSD	SB25-15.0	Total/NA	Solid	7471A	

Prep Batch: 512079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-22	SB45-1.0	Total/NA	Solid	7471A	
570-209997-23	SB45-5.0	Total/NA	Solid	7471A	
570-209997-24	SB45-15.0	Total/NA	Solid	7471A	
570-209997-25	SB39-2.0	Total/NA	Solid	7471A	
570-209997-26	SB39-5.0	Total/NA	Solid	7471A	
570-209997-27	SB39-15.0	Total/NA	Solid	7471A	
MB 570-512079/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-512079/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-512079/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-209997-22 MS	SB45-1.0	Total/NA	Solid	7471A	
570-209997-22 MSD	SB45-1.0	Total/NA	Solid	7471A	

Analysis Batch: 512314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-22	SB45-1.0	Total/NA	Solid	7471A	512079
570-209997-23	SB45-5.0	Total/NA	Solid	7471A	512079
570-209997-24	SB45-15.0	Total/NA	Solid	7471A	512079
570-209997-25	SB39-2.0	Total/NA	Solid	7471A	512079
570-209997-26	SB39-5.0	Total/NA	Solid	7471A	512079
570-209997-27	SB39-15.0	Total/NA	Solid	7471A	512079
MB 570-512079/1-A	Method Blank	Total/NA	Solid	7471A	512079
LCS 570-512079/2-A	Lab Control Sample	Total/NA	Solid	7471A	512079
LCSD 570-512079/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	512079
570-209997-22 MS	SB45-1.0	Total/NA	Solid	7471A	512079
570-209997-22 MSD	SB45-1.0	Total/NA	Solid	7471A	512079

Analysis Batch: 512483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	6010B	512008
MB 570-512008/1-A	Method Blank	Total Recoverable	Water	6010B	512008
LCS 570-512008/2-A	Lab Control Sample	Total Recoverable	Water	6010B	512008

Metals (Continued)

Analysis Batch: 512483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-512008/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	512008

Prep Batch: 512614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	3051A	
570-209997-2	SB25-5.0	Total/NA	Solid	3051A	
570-209997-3	SB25-15.0	Total/NA	Solid	3051A	
570-209997-4	SB27-1.0	Total/NA	Solid	3051A	
570-209997-5	SB27-5.0	Total/NA	Solid	3051A	
570-209997-6	SB27-15.0	Total/NA	Solid	3051A	
570-209997-7	SB26-2.0	Total/NA	Solid	3051A	
570-209997-8	SB26-5.0	Total/NA	Solid	3051A	
570-209997-9	SB26-15.0	Total/NA	Solid	3051A	
570-209997-10	SB42-2.0	Total/NA	Solid	3051A	
570-209997-11	SB42-5.0	Total/NA	Solid	3051A	
570-209997-12	SB42-15.0	Total/NA	Solid	3051A	
570-209997-13	SB44-2.0	Total/NA	Solid	3051A	
570-209997-14	SB44-5.0	Total/NA	Solid	3051A	
570-209997-15	SB44-15.0	Total/NA	Solid	3051A	
570-209997-16	SB48-2.0	Total/NA	Solid	3051A	
570-209997-17	SB48-5.0	Total/NA	Solid	3051A	
570-209997-18	SB48-15.0	Total/NA	Solid	3051A	
570-209997-20	SB49-2.0	Total/NA	Solid	3051A	
570-209997-21	SB49-5.0	Total/NA	Solid	3051A	
MB 570-512614/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-512614/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-512614/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	
570-209997-2 MS	SB25-5.0	Total/NA	Solid	3051A	
570-209997-2 MSD	SB25-5.0	Total/NA	Solid	3051A	

Analysis Batch: 512768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	7471A	512062
570-209997-2	SB25-5.0	Total/NA	Solid	7471A	512062
570-209997-3	SB25-15.0	Total/NA	Solid	7471A	512062
570-209997-4	SB27-1.0	Total/NA	Solid	7471A	512062
570-209997-5	SB27-5.0	Total/NA	Solid	7471A	512062
570-209997-6	SB27-15.0	Total/NA	Solid	7471A	512062
570-209997-7	SB26-2.0	Total/NA	Solid	7471A	512062
570-209997-8	SB26-5.0	Total/NA	Solid	7471A	512062
570-209997-9	SB26-15.0	Total/NA	Solid	7471A	512062
570-209997-10	SB42-2.0	Total/NA	Solid	7471A	512062
570-209997-11	SB42-5.0	Total/NA	Solid	7471A	512062
570-209997-12	SB42-15.0	Total/NA	Solid	7471A	512062
570-209997-13	SB44-2.0	Total/NA	Solid	7471A	512062
570-209997-14	SB44-5.0	Total/NA	Solid	7471A	512062
570-209997-15	SB44-15.0	Total/NA	Solid	7471A	512062
570-209997-16	SB48-2.0	Total/NA	Solid	7471A	512062
570-209997-17	SB48-5.0	Total/NA	Solid	7471A	512062
570-209997-18	SB48-15.0	Total/NA	Solid	7471A	512062
570-209997-20	SB49-2.0	Total/NA	Solid	7471A	512062

Metals (Continued)

Analysis Batch: 512768 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-21	SB49-5.0	Total/NA	Solid	7471A	512062
MB 570-512062/1-A	Method Blank	Total/NA	Solid	7471A	512062
LCS 570-512062/2-A	Lab Control Sample	Total/NA	Solid	7471A	512062
LCSD 570-512062/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	512062
570-209997-3 MS	SB25-15.0	Total/NA	Solid	7471A	512062
570-209997-3 MSD	SB25-15.0	Total/NA	Solid	7471A	512062

Prep Batch: 513032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	7470A	
MB 570-513032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-513032/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-513032/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 513064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-22	SB45-1.0	Total/NA	Solid	3051A	
570-209997-23	SB45-5.0	Total/NA	Solid	3051A	
570-209997-24	SB45-15.0	Total/NA	Solid	3051A	
570-209997-25	SB39-2.0	Total/NA	Solid	3051A	
570-209997-26	SB39-5.0	Total/NA	Solid	3051A	
570-209997-27	SB39-15.0	Total/NA	Solid	3051A	
MB 570-513064/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-513064/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-513064/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 513273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-513064/1-A ^2	Method Blank	Total/NA	Solid	6010B	513064
LCS 570-513064/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	513064
LCSD 570-513064/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	513064

Analysis Batch: 513296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-28	EB-20241206	Total/NA	Water	7470A	513032
MB 570-513032/1-A	Method Blank	Total/NA	Water	7470A	513032
LCS 570-513032/2-A	Lab Control Sample	Total/NA	Water	7470A	513032
LCSD 570-513032/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	513032

Analysis Batch: 513298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-22	SB45-1.0	Total/NA	Solid	6010B	513064
570-209997-23	SB45-5.0	Total/NA	Solid	6010B	513064
570-209997-24	SB45-15.0	Total/NA	Solid	6010B	513064
570-209997-25	SB39-2.0	Total/NA	Solid	6010B	513064
570-209997-26	SB39-5.0	Total/NA	Solid	6010B	513064
570-209997-27	SB39-15.0	Total/NA	Solid	6010B	513064

Analysis Batch: 513447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	6010B	512614

Metals (Continued)

Analysis Batch: 513447 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-2	SB25-5.0	Total/NA	Solid	6010B	512614
570-209997-3	SB25-15.0	Total/NA	Solid	6010B	512614
570-209997-4	SB27-1.0	Total/NA	Solid	6010B	512614
570-209997-5	SB27-5.0	Total/NA	Solid	6010B	512614
570-209997-6	SB27-15.0	Total/NA	Solid	6010B	512614
570-209997-7	SB26-2.0	Total/NA	Solid	6010B	512614
570-209997-8	SB26-5.0	Total/NA	Solid	6010B	512614
570-209997-9	SB26-15.0	Total/NA	Solid	6010B	512614
570-209997-10	SB42-2.0	Total/NA	Solid	6010B	512614
570-209997-11	SB42-5.0	Total/NA	Solid	6010B	512614
570-209997-12	SB42-15.0	Total/NA	Solid	6010B	512614
570-209997-13	SB44-2.0	Total/NA	Solid	6010B	512614
570-209997-14	SB44-5.0	Total/NA	Solid	6010B	512614
570-209997-15	SB44-15.0	Total/NA	Solid	6010B	512614
570-209997-16	SB48-2.0	Total/NA	Solid	6010B	512614
570-209997-17	SB48-5.0	Total/NA	Solid	6010B	512614
570-209997-18	SB48-15.0	Total/NA	Solid	6010B	512614
570-209997-20	SB49-2.0	Total/NA	Solid	6010B	512614
570-209997-21	SB49-5.0	Total/NA	Solid	6010B	512614
MB 570-512614/1-A ^2	Method Blank	Total/NA	Solid	6010B	512614
LCS 570-512614/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	512614
LCSD 570-512614/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	512614
570-209997-2 MS	SB25-5.0	Total/NA	Solid	6010B	512614
570-209997-2 MSD	SB25-5.0	Total/NA	Solid	6010B	512614

General Chemistry

Analysis Batch: 511587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-1	SB25-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-2	SB25-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-3	SB25-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-4	SB27-1.0	Total/NA	Solid	Moisture - 2540	
570-209997-5	SB27-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-6	SB27-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-7	SB26-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-8	SB26-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-9	SB26-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-10	SB42-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-11	SB42-5.0	Total/NA	Solid	Moisture - 2540	
MB 570-511587/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209997-5 DU	SB27-5.0	Total/NA	Solid	Moisture - 2540	

Analysis Batch: 511715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-12	SB42-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-13	SB44-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-14	SB44-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-15	SB44-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-16	SB48-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-17	SB48-5.0	Total/NA	Solid	Moisture - 2540	

General Chemistry (Continued)

Analysis Batch: 511715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209997-18	SB48-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-20	SB49-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-21	SB49-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-22	SB45-1.0	Total/NA	Solid	Moisture - 2540	
570-209997-23	SB45-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-24	SB45-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-25	SB39-2.0	Total/NA	Solid	Moisture - 2540	
570-209997-26	SB39-5.0	Total/NA	Solid	Moisture - 2540	
570-209997-27	SB39-15.0	Total/NA	Solid	Moisture - 2540	
MB 570-511715/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-209997-12 DU	SB42-15.0	Total/NA	Solid	Moisture - 2540	
570-209997-23 DU	SB45-5.0	Total/NA	Solid	Moisture - 2540	

Client Sample ID: SB25-2.0
Lab Sample ID: 570-209997-1
Date Collected: 12/06/24 08:05
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.698 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 03:29	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.02 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 12:44	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.04 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512542	12/11/24 12:56	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.026 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 04:24	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.14 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	512299	12/11/24 02:34	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5274 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 03:53	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:05	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB25-5.0
Lab Sample ID: 570-209997-2
Date Collected: 12/06/24 08:10
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.72 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 03:49	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.01 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 13:08	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.05 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512542	12/11/24 13:17	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.051 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 04:48	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.13 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	512299	12/11/24 03:01	E5RH	EET CAL 4
	Instrument ID: GC69A									

Client Sample ID: SB25-5.0
Lab Sample ID: 570-209997-2
Date Collected: 12/06/24 08:10
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.5088 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 03:44	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:07	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB25-15.0
Lab Sample ID: 570-209997-3
Date Collected: 12/06/24 08:15
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.372 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 04:09	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.00 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 18:00	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.05 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512542	12/11/24 12:35	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.296 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 05:12	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.19 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	512299	12/11/24 03:28	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5219 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 03:55	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 13:59	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB27-1.0
Lab Sample ID: 570-209997-4
Date Collected: 12/06/24 08:35
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.357 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 05:09	NR	EET CAL 4
	Instrument ID: GCMSGGG									

Client Sample ID: SB27-1.0
Lab Sample ID: 570-209997-4
Date Collected: 12/06/24 08:35
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.05 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		10	1 mL	1 mL	513024	12/12/24 13:54	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.06 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	512542	12/11/24 13:38	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.701 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 05:36	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C	DL		10.19 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B	DL	2	10 mL	10 mL	513499	12/13/24 10:36	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5342 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:02	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:09	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB27-5.0
Lab Sample ID: 570-209997-5
Date Collected: 12/06/24 08:45
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.15 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 04:29	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.04 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 14:17	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.06 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512542	12/11/24 14:00	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.852 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 05:59	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.09 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	512378	12/11/24 08:53	H6FE	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5234 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:04	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB27-5.0
Lab Sample ID: 570-209997-5
Date Collected: 12/06/24 08:45
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:11	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB27-15.0
Lab Sample ID: 570-209997-6
Date Collected: 12/06/24 08:50
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.205 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511764	12/10/24 04:49	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.01 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 14:40	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.05 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512542	12/11/24 14:31	CG	EET CAL 4
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.244 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 06:23	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.15 g	10 mL	512176	12/10/24 12:56	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	512378	12/11/24 09:20	H6FE	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.5073 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:07	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:17	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB26-2.0
Lab Sample ID: 570-209997-7
Date Collected: 12/06/24 09:25
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.679 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511762	12/10/24 04:55	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.06 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		10	1 mL	1 mL	513024	12/12/24 15:03	CG	EET CAL 4
	Instrument ID: GCMSSS									

Client Sample ID: SB26-2.0
Lab Sample ID: 570-209997-7

Date Collected: 12/06/24 09:25
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.04 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	512892	12/12/24 01:31	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.679 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	512317	12/11/24 09:59	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		5	10 mL	10 mL	513059	12/12/24 14:16	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5069 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:09	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:19	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB26-5.0
Lab Sample ID: 570-209997-8

Date Collected: 12/06/24 09:30
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.469 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/09/24 23:22	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.07 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 15:27	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.03 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 01:53	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.904 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 07:11	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.4 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 14:38	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5559 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:11	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:21	RL6Q	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB26-5.0
Lab Sample ID: 570-209997-8
Date Collected: 12/06/24 09:30
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4

Client Sample ID: SB26-15.0
Lab Sample ID: 570-209997-9
Date Collected: 12/06/24 09:40
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.118 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/09/24 23:44	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 15:50	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.07 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 02:16	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.224 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 07:35	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 15:01	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5146 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:13	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:24	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB42-2.0
Lab Sample ID: 570-209997-10
Date Collected: 12/06/24 10:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.476 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 00:06	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.08 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 16:13	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 02:38	J7WE	EET CAL 4
	Instrument ID: GCMSMM									

Client Sample ID: SB42-2.0
Lab Sample ID: 570-209997-10
Date Collected: 12/06/24 10:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.51 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 07:59	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.5 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 15:24	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5156 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:16	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:26	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB42-5.0
Lab Sample ID: 570-209997-11
Date Collected: 12/06/24 10:05
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.916 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 00:28	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	511822	12/09/24 17:26	S4NC	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 17:36	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.13 g	2 mL	511840	12/09/24 18:18	S4NC	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 03:01	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.468 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 08:23	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 15:47	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4978 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:18	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.51 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:28	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511587	12/09/24 11:31	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB42-15.0
Lab Sample ID: 570-209997-12
Date Collected: 12/06/24 10:10
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.409 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 00:51	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.05 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513021	12/12/24 16:51	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512748	12/11/24 23:39	J7WE	EET CAL 4
	Instrument ID: GCMS84									
Total/NA	Prep	5035			5.797 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512317	12/11/24 08:47	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 16:10	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5371 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:20	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:30	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB44-2.0
Lab Sample ID: 570-209997-13
Date Collected: 12/06/24 15:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.546 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511762	12/10/24 05:17	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.10 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		25	1 mL	1 mL	513021	12/12/24 17:14	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		10	1 mL	1 mL	512892	12/12/24 03:23	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.546 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		500	5 mL	5 mL	512651	12/12/24 02:38	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C	DL		20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B	DL	5	10 mL	10 mL	513262	12/13/24 07:29	NR	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SB44-2.0
Lab Sample ID: 570-209997-13
Date Collected: 12/06/24 15:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4924 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:23	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:32	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB44-5.0
Lab Sample ID: 570-209997-14
Date Collected: 12/06/24 10:55
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.453 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511986	12/10/24 11:16	UJHB	EET CAL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			20.08 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513021	12/12/24 17:37	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.10 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 03:46	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			8.453 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		50	5 mL	5 mL	512317	12/11/24 10:48	W4LC	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 17:18	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5275 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:29	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:34	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB44-15.0
Lab Sample ID: 570-209997-15
Date Collected: 12/06/24 11:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.28 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 01:13	NR	EET CAL 4
	Instrument ID: GCMSCC									

Client Sample ID: SB44-15.0
Lab Sample ID: 570-209997-15
Date Collected: 12/06/24 11:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.03 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513021	12/12/24 18:01	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.00 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 04:08	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.683 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512397	12/11/24 05:46	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 17:42	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5104 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:32	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:36	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB48-2.0
Lab Sample ID: 570-209997-16
Date Collected: 12/06/24 12:05
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.456 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	514557	12/16/24 20:08	NR	EET CAL 4
	Instrument ID: GCMSGGG									
Total/NA	Prep	3546			20.10 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 18:23	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.01 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 04:31	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.828 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512397	12/11/24 06:05	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 18:05	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5040 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:34	K1UV	EET CAL 4
	Instrument ID: ICP11									

Client Sample ID: SB48-2.0
Lab Sample ID: 570-209997-16
Date Collected: 12/06/24 12:05
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.49 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:42	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB48-5.0
Lab Sample ID: 570-209997-17
Date Collected: 12/06/24 12:10
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.798 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 01:35	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.08 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		25	1 mL	1 mL	513024	12/12/24 18:46	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.08 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 04:54	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.306 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512397	12/11/24 06:24	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 18:28	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5374 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:36	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:44	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB48-15.0
Lab Sample ID: 570-209997-18
Date Collected: 12/06/24 12:20
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.278 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 01:57	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.05 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513514	12/13/24 14:01	CG	EET CAL 4
	Instrument ID: GCMS83									

Client Sample ID: SB48-15.0
Lab Sample ID: 570-209997-18
Date Collected: 12/06/24 12:20
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.10 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 05:16	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.294 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512397	12/11/24 06:43	W4LC	EET CAL 4
	Instrument ID: GC73									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 18:51	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5225 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:39	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:46	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB49-2.0
Lab Sample ID: 570-209997-20
Date Collected: 12/06/24 13:20
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.221 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 02:19	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.14 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 19:09	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 05:39	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.393 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512651	12/12/24 02:14	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 19:14	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5060 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:41	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:48	RL6Q	EET CAL 4
	Instrument ID: HG8									

Client Sample ID: SB49-2.0
Lab Sample ID: 570-209997-20
Date Collected: 12/06/24 13:20
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4

Client Sample ID: SB49-5.0
Lab Sample ID: 570-209997-21
Date Collected: 12/06/24 13:30
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.118 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 02:41	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.08 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513024	12/12/24 19:32	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.00 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 06:01	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.234 g	5 mL	511753	12/09/24 14:44	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 05:25	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.2 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 20:00	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5438 g	50 mL	512614	12/11/24 10:54	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513447	12/13/24 04:43	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	512062	12/10/24 09:45	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 14:50	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB45-1.0
Lab Sample ID: 570-209997-22
Date Collected: 12/06/24 13:50
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.399 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 03:04	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.06 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		5	1 mL	1 mL	513024	12/12/24 19:55	CG	EET CAL 4
	Instrument ID: GCMSSS									
Total/NA	Prep	3546			10.10 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 06:24	J7WE	EET CAL 4
	Instrument ID: GCMSMM									

Client Sample ID: SB45-1.0
Date Collected: 12/06/24 13:50
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.203 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 05:49	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 20:23	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5095 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:20	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.50 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 17:48	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB45-5.0
Date Collected: 12/06/24 13:55
Date Received: 12/06/24 17:15

Lab Sample ID: 570-209997-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.064 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 03:26	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.01 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513514	12/13/24 14:25	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.00 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 06:46	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.397 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 06:13	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 20:46	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4772 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:41	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.48 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 17:56	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB45-15.0
Lab Sample ID: 570-209997-24
Date Collected: 12/06/24 14:00
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.237 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 03:48	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513514	12/13/24 12:27	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.00 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 07:09	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.008 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 06:37	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.1 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 21:09	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5077 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:44	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.47 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 17:58	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB39-2.0
Lab Sample ID: 570-209997-25
Date Collected: 12/06/24 14:25
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.825 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		50	5 g	5 mL	511762	12/10/24 06:01	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.00 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		50	1 mL	1 mL	513514	12/13/24 12:51	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.01 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		20	1 mL	1 mL	512892	12/12/24 07:31	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			5.825 g	5 mL	511753	12/09/24 14:47	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		100	5 mL	5 mL	512890	12/12/24 09:01	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.2 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		10	10 mL	10 mL	513059	12/12/24 21:32	NR	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SB39-2.0
Lab Sample ID: 570-209997-25
Date Collected: 12/06/24 14:25
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			0.4814 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:46	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 18:00	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB39-5.0
Lab Sample ID: 570-209997-26
Date Collected: 12/06/24 14:35
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.279 g	5 mL	511753	12/09/24 14:48	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 04:10	NR	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	3546			20.08 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513514	12/13/24 13:14	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.03 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 07:54	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			6.193 g	5 mL	511753	12/09/24 14:48	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 07:01	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.2 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 21:55	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.5524 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:48	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.52 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 18:06	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: SB39-15.0
Lab Sample ID: 570-209997-27
Date Collected: 12/06/24 14:45
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.054 g	5 mL	511753	12/09/24 14:48	X7LQ	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511762	12/10/24 04:32	NR	EET CAL 4
	Instrument ID: GCMSCC									

Client Sample ID: SB39-15.0
Lab Sample ID: 570-209997-27
Date Collected: 12/06/24 14:45
Matrix: Solid
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.07 g	2 mL	511848	12/09/24 18:30	XG8M	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	513514	12/13/24 13:38	CG	EET CAL 4
	Instrument ID: GCMS83									
Total/NA	Prep	3546			10.02 g	2 mL	511850	12/09/24 18:31	XG8M	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	512892	12/12/24 08:16	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Prep	5035			4.915 g	5 mL	511753	12/09/24 14:48	X7LQ	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	512890	12/12/24 07:25	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			20.0 g	20 mL	512153	12/10/24 12:18	TR8L	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513059	12/12/24 13:53	NR	EET CAL 4
	Instrument ID: GC50									
Total/NA	Prep	3051A			0.4655 g	50 mL	513064	12/12/24 10:01	GYR8	EET CAL 4
Total/NA	Analysis	6010B		2			513298	12/12/24 17:50	P1R	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.49 g	50 mL	512079	12/10/24 10:10	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512314	12/10/24 18:08	Y2WS	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Client Sample ID: EB-20241206
Lab Sample ID: 570-209997-28
Date Collected: 12/06/24 15:10
Matrix: Water
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	511998	12/10/24 11:39	VYF4	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	8260B		1	5 mL	5 mL	511477	12/09/24 13:58	U1MC	EET CAL 4
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			971.3 mL	2 mL	511926	12/10/24 05:11	H1SH	EET CAL 4
Total/NA	Analysis	8270C		1	1 mL	1 mL	512556	12/11/24 16:00	CG	EET CAL 4
	Instrument ID: GCMSTT									
Total/NA	Prep	3510C			977.1 mL	2 mL	512178	12/10/24 13:02	OAJ3	EET CAL 4
Total/NA	Analysis	8270C SIM		1	1 mL	1 mL	513343	12/12/24 22:54	J7WE	EET CAL 4
	Instrument ID: GCMSMM									
Total/NA	Analysis	8015B		1	5 mL	5 mL	511806	12/10/24 01:43	A9VE	EET CAL 4
	Instrument ID: GC74									
Total/NA	Prep	3510C			255.6 mL	2.5 mL	512704	12/11/24 13:47	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513001	12/12/24 13:46	E5RH	EET CAL 4
	Instrument ID: GC47									
Total/NA	Prep	3005A			50 mL	50 mL	512008	12/10/24 08:10	JP8N	EET CAL 4
Total/NA	Analysis	6010B		1			512483	12/11/24 06:15	VZ0K	EET CAL 4
	Instrument ID: ICP11									

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Client Sample ID: EB-20241206
Lab Sample ID: 570-209997-28
Date Collected: 12/06/24 15:10
Matrix: Water
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	50 mL	513032	12/12/24 09:21	VCN7	EET CAL 4
Total/NA	Analysis	7470A		1			513296	12/12/24 14:04	RL6Q	EET CAL 4
	Instrument ID: HG9									

Client Sample ID: TB-20241206
Lab Sample ID: 570-209997-29
Date Collected: 12/06/24 00:00
Matrix: Water
Date Received: 12/06/24 17:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	511998	12/10/24 11:15	VYF4	EET CAL 4
	Instrument ID: GCMST									
Total/NA	Analysis	8260B		1	5 mL	5 mL	511477	12/09/24 13:35	U1MC	EET CAL 4
	Instrument ID: GCMSXX									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8270C SIM	PAHs (GC/MS SIM)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7470A	Mercury (CVAA)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4
7470A	Preparation, Mercury	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209997-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209997-1	SB25-2.0	Solid	12/06/24 08:05	12/06/24 17:15
570-209997-2	SB25-5.0	Solid	12/06/24 08:10	12/06/24 17:15
570-209997-3	SB25-15.0	Solid	12/06/24 08:15	12/06/24 17:15
570-209997-4	SB27-1.0	Solid	12/06/24 08:35	12/06/24 17:15
570-209997-5	SB27-5.0	Solid	12/06/24 08:45	12/06/24 17:15
570-209997-6	SB27-15.0	Solid	12/06/24 08:50	12/06/24 17:15
570-209997-7	SB26-2.0	Solid	12/06/24 09:25	12/06/24 17:15
570-209997-8	SB26-5.0	Solid	12/06/24 09:30	12/06/24 17:15
570-209997-9	SB26-15.0	Solid	12/06/24 09:40	12/06/24 17:15
570-209997-10	SB42-2.0	Solid	12/06/24 10:00	12/06/24 17:15
570-209997-11	SB42-5.0	Solid	12/06/24 10:05	12/06/24 17:15
570-209997-12	SB42-15.0	Solid	12/06/24 10:10	12/06/24 17:15
570-209997-13	SB44-2.0	Solid	12/06/24 15:00	12/06/24 17:15
570-209997-14	SB44-5.0	Solid	12/06/24 10:55	12/06/24 17:15
570-209997-15	SB44-15.0	Solid	12/06/24 11:00	12/06/24 17:15
570-209997-16	SB48-2.0	Solid	12/06/24 12:05	12/06/24 17:15
570-209997-17	SB48-5.0	Solid	12/06/24 12:10	12/06/24 17:15
570-209997-18	SB48-15.0	Solid	12/06/24 12:20	12/06/24 17:15
570-209997-20	SB49-2.0	Solid	12/06/24 13:20	12/06/24 17:15
570-209997-21	SB49-5.0	Solid	12/06/24 13:30	12/06/24 17:15
570-209997-22	SB45-1.0	Solid	12/06/24 13:50	12/06/24 17:15
570-209997-23	SB45-5.0	Solid	12/06/24 13:55	12/06/24 17:15
570-209997-24	SB45-15.0	Solid	12/06/24 14:00	12/06/24 17:15
570-209997-25	SB39-2.0	Solid	12/06/24 14:25	12/06/24 17:15
570-209997-26	SB39-5.0	Solid	12/06/24 14:35	12/06/24 17:15
570-209997-27	SB39-15.0	Solid	12/06/24 14:45	12/06/24 17:15
570-209997-28	EB-20241206	Water	12/06/24 15:10	12/06/24 17:15
570-209997-29	TB-20241206	Water	12/06/24 00:00	12/06/24 17:15

Loc: 570
209997

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570-209997 Chain of Custody

CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 1 OF 3

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE:
	SAMPLER(S): (PRINT) Nilma Edward, Rafic Fanous

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB25-2.0		12/6	0805	Soil	6	1	5		X	X	X	X	X	
2	SB25-5.0		"	0810	"	"	"	"		"	"	"	"	"	
3	SB25-15.0		"	0815	"	"	"	"		"	"	"	"	"	
4	SB27-1.0		"	0835	"	"	"	"		"	"	"	"	"	
5	SB27-5.0		"	0845	"	"	"	"		"	"	"	"	"	
6	SB27-15.0		"	0850	"	"	"	"		"	"	"	"	"	
7	SB26-2.0		"	0925	"	"	"	"		"	"	"	"	"	
8	SB26-5.0		"	0930	"	"	"	"		"	"	"	"	"	
9	SB26-15.0		"	0940	"	"	"	"		"	"	"	"	"	
10	SB42-2.0		"	1000	"	"	"	"		"	"	"	"	"	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1600
Relinquished by: (Signature) 12/6/24 1715	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1715
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1/2.1 0.8/1.8 soil

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CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 2 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NE, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB42-5.0		12/6	1005	Soil	6	1	5		X	X	X	X	X	
12	SB42-15.0			1010											
13	SB44-2.0			1050											
14	SB44-5.0			1055											
15	SB44-15.0			1100											
16	SB48-2.0			1205											
17	SB48-5.0			1210											
18	SB48-15.0			1220											
19	SB48-9.5			1230											
20	SB49-2.0			1320											

TK 12/10/24: Sample collected in field but could not be located in sample coolers.

Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date:	Time:
	12/6/24 16:00	EC	12/6/24	1600
	12/6/24 1715		12.6.24	1715

2014-07-01 Revision

1.1/2.1 0.8/1.8 Soil

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CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NG, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB49-5.0		12/6/24	1335	Soil	6	1	5		X	X	X	X	X	
22	SB45-0.0			1350											
23	SB45-5.0			1355											
24	SB45-15.0			1400											
25	SB39-2.0			1425											
26	SB39-5.0			1435											
27	SB39-15.0			1445						X	X	X	X	X	
28	EB-20241206	—	12/6/24	1510	water	7	4	3		X	X	X	X	X	
29	TB-20241206	—	12/6/24	—	HCl							X			

TK 12/10/24:
Analyze SB39-5.0 as indicated on markup.

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12/6/24	Time: 1600
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1915
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1 / 2.1 0.8 / 1.8 SCM

Loc: 570
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570-209997 Chain of Custody

CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 1 OF 3

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE:
	SAMPLER(S): (PRINT) Nilma Edward, Rafic Fanous

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
1	SB25-2.0		12/6	0805	Soil	6	1	5		X	X	X	X	X	
2	SB25-5.0		"	0810	"	"	"	"		"	"	"	"	"	
3	SB25-15.0		"	0815	"	"	"	"		"	"	"	"	"	
4	SB27-1.0		"	0835	"	"	"	"		"	"	"	"	"	
5	SB27-5.0		"	0845	"	"	"	"		"	"	"	"	"	
6	SB27-15.0		"	0850	"	"	"	"		"	"	"	"	"	
7	SB26-2.0		"	0925	"	"	"	"		"	"	"	"	"	
8	SB26-5.0		"	0930	"	"	"	"		"	"	"	"	"	
9	SB26-15.0		"	0940	"	"	"	"		"	"	"	"	"	
10	SB42-2.0		"	1000	"	"	"	"		"	"	"	"	"	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1600
Relinquished by: (Signature) 12/6/24 1715	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1715
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1/2.1 0.8/1.8 soil

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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY

DATE: 12/6/2024
PAGE: 2 OF 3

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE:
	SAMPLER(S): (PRINT) NE, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
11	SB42-5.0		12/6	1005	Soil	6	1	5		X	X	X	X	X	
12	SB42-15.0			1010											
13	SB44-2.0			1050											
14	SB44-5.0			1055											
15	SB44-15.0			1100											
16	SB48-2.0			1205											
17	SB48-5.0			1210											
18	SB48-15.0			1220											
19	SB48-9.5			1230											
20	SB49-2.0			1320											

Relinquished by: (Signature) MC	12/6/24 16:00	Received by: (Signature/Affiliation) EC	Date: 12/6/24 Time: 1600
Relinquished by: (Signature)	12/6/24 1715	Received by: (Signature/Affiliation)	Date: 12.6.24 Time: 1719
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

1.1/2.1 0.8/1.8 Soil

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CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 3 OF 3

WO NO. / LAB USE ONLY

LABORATORY CLIENT: Langan
ADDRESS: 18575 Jamboree Road, suite 150
CITY: Irvine STATE: CA ZIP: 92612
TEL: 949-561-9200 E-MAIL: tknight@langan.com

CLIENT PROJECT NAME / NO.: 700152701
P.O. NO.:
PROJECT CONTACT: Travis Knight
ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) NG, RF

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
21	SB49-5.0		12/6/24	1335	Soil	6	1	5		X	X	X	X	X	
	~~SB49-NA~~			~~1340~~											
22	SB45-1.0			1350											
23	SB45-5.0			1355											
24	SB45-15.0			1400											
25	SB39-2.0			1425											
26	SB39-5.0			1435						↓	↓	↓	↓	↓	
27	SB39-15.0		↓	1445	↓	↓	↓	↓							
28	EB-20241206	—	12/6/24	1510	water	7	4	3		X	X	X	X	X	
29	TB-20241206	—	12/6/24	—	HCl							X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC	Date: 12/6/24	Time: 1600
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 12/6/24	Time: 1915
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

1.1 / 2.1 0.8 / 1.8 SCM

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209997-1

Login Number: 209997
List Number: 1
Creator: Le, Sunny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Knight
Langan Engineering and Environmental Services LLC
515 S. Flower St.
Suite 1060
Los Angeles, California 90071

Generated 12/18/2024 11:37:50 AM

JOB DESCRIPTION

700152701

JOB NUMBER

570-209998-1

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin CA 92780

See page two for job notes and contact information.

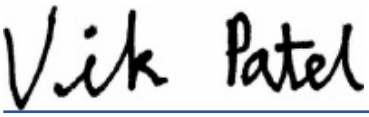
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Authorization



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Authorized for release by
Vikas Patel, Project Manager I
Vikas.Patel@et.eurofinsus.com
(714)895-5494

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
570-209998-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 12/6/2024 5:12 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received. The matrix, total number of containers and collection date and time are missing on the following sample: Drum Composite (570-209998-1)

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00054	J	0.0024	0.00033	mg/Kg	1	☼	8260B	Total/NA
Acetone	0.018	J	0.024	0.012	mg/Kg	1	☼	8260B	Total/NA
N-Propylbenzene	0.00038	J	0.0024	0.00031	mg/Kg	1	☼	8260B	Total/NA
Gasoline Range Organics (C4-C12)	0.51		0.12	0.052	mg/Kg	1	☼	8015B	Total/NA
C13-C22	46		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
C23-C40	190		5.9	5.4	mg/Kg	1	☼	8015B	Total/NA
Arsenic	4.04		3.65	2.36	mg/Kg	2	☼	6010B	Total/NA
Barium	108		2.43	0.359	mg/Kg	2	☼	6010B	Total/NA
Beryllium	0.462	J	0.486	0.114	mg/Kg	2	☼	6010B	Total/NA
Chromium	20.6		1.22	0.646	mg/Kg	2	☼	6010B	Total/NA
Cobalt	7.85		2.43	0.518	mg/Kg	2	☼	6010B	Total/NA
Copper	16.0		2.43	0.692	mg/Kg	2	☼	6010B	Total/NA
Lead	8.56		2.43	1.61	mg/Kg	2	☼	6010B	Total/NA
Nickel	13.5		2.43	1.38	mg/Kg	2	☼	6010B	Total/NA
Vanadium	43.1		4.86	1.07	mg/Kg	2	☼	6010B	Total/NA
Zinc	51.1		4.86	1.98	mg/Kg	2	☼	6010B	Total/NA
Mercury	0.0410	J	0.0947	0.0261	mg/Kg	1	☼	7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1
Date Collected: 12/06/24 00:00
Matrix: Solid
Date Received: 12/06/24 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0012	0.00035	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1,1-Trichloroethane	ND		0.0012	0.00028	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1,2,2-Tetrachloroethane	ND		0.0024	0.00065	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.012	0.00055	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1,2-Trichloroethane	ND		0.0012	0.00055	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1-Dichloroethene	ND		0.0012	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,1-Dichloropropene	ND		0.0024	0.00046	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2,3-Trichlorobenzene	ND		0.0024	0.00045	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2,3-Trichloropropane	ND		0.0024	0.00050	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2,4-Trichlorobenzene	ND		0.0024	0.00049	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2,4-Trimethylbenzene	**0.00054**	**J**	0.0024	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2-Dibromo-3-Chloropropane	ND		0.012	0.0040	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2-Dibromoethane	ND		0.0012	0.00025	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2-Dichloroethane	ND		0.0012	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,2-Dichloropropane	ND		0.0012	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,3,5-Trimethylbenzene	ND		0.0024	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,3-Dichlorobenzene	ND		0.0012	0.00030	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,3-Dichloropropane	ND		0.0012	0.00035	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
1,4-Dichlorobenzene	ND		0.0012	0.00037	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
2,2-Dichloropropane	ND		0.0060	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
2-Butanone (MEK)	ND		0.024	0.0054	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
2-Chlorotoluene	ND		0.0012	0.00030	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
2-Hexanone	ND		0.024	0.0037	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
4-Chlorotoluene	ND		0.0012	0.00029	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
4-Methyl-2-pentanone (MIBK)	ND		0.024	0.0035	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Acetone	**0.018**	**J**	0.024	0.012	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Benzene	ND		0.0012	0.00031	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Bromobenzene	ND		0.0012	0.00025	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Bromochloromethane	ND		0.0024	0.00053	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Bromodichloromethane	ND		0.0012	0.00039	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Bromoform	ND		0.0060	0.0016	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Bromomethane	ND		0.024	0.0078	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
cis-1,2-Dichloroethene	ND		0.0012	0.00040	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
cis-1,3-Dichloropropene	ND		0.0012	0.00042	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Carbon disulfide	ND		0.012	0.00048	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Carbon tetrachloride	ND		0.0012	0.00036	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Chlorobenzene	ND		0.0012	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Chloroethane	ND		0.0024	0.00088	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Chloroform	ND		0.0012	0.00070	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Chloromethane	ND		0.024	0.0018	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Dibromochloromethane	ND		0.0024	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Dibromomethane	ND		0.0012	0.00036	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Dichlorodifluoromethane	ND		0.0024	0.00054	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Di-isopropyl ether (DIPE)	ND		0.0012	0.00060	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Ethanol	ND		0.30	0.11	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Ethylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Ethyl-t-butyl ether (ETBE)	ND		0.0012	0.00028	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Drum Composite
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:12

Lab Sample ID: 570-209998-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Methylene Chloride	ND		0.012	0.0037	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0024	0.00022	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Naphthalene	ND		0.012	0.0047	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
n-Butylbenzene	ND		0.0012	0.00025	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
N-Propylbenzene	**0.00038**	**J**	0.0024	0.00031	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
o-Xylene	ND		0.0012	0.00030	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
m,p-Xylene	ND		0.0024	0.00056	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
p-Isopropyltoluene	ND		0.0012	0.00034	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
sec-Butylbenzene	ND		0.0012	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Styrene	ND		0.0012	0.00038	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
trans-1,2-Dichloroethene	ND		0.0012	0.00036	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
trans-1,3-Dichloropropene	ND		0.0024	0.00033	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Tert-amyl-methyl ether (TAME)	ND		0.0012	0.00023	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
tert-Butyl alcohol (TBA)	ND		0.024	0.0083	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
tert-Butylbenzene	ND		0.0012	0.00030	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Tetrachloroethene	ND		0.0012	0.00027	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Toluene	ND		0.0012	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Trichloroethene	ND		0.0024	0.00046	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Trichlorofluoromethane	ND		0.012	0.00032	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Vinyl acetate	ND		0.012	0.0047	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Vinyl chloride	ND		0.0012	0.00045	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1
Xylenes, Total	ND		0.0024	0.00071	mg/Kg	☼	12/10/24 08:07	12/10/24 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*32 - 179*	*12/10/24 08:07*	*12/10/24 11:28*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*12/10/24 08:07*	*12/10/24 11:28*	*1*
Dibromofluoromethane (Surr)	*97*		*58 - 147*	*12/10/24 08:07*	*12/10/24 11:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/10/24 08:07*	*12/10/24 11:28*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: SW846 8015B - Gasoline Range Organics - (GC)

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1
Date Collected: 12/06/24 00:00
Matrix: Solid
Date Received: 12/06/24 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.51		0.12	0.052	mg/Kg	☼	12/13/24 12:20	12/13/24 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*12/13/24 12:20*	*12/13/24 15:09*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1
Date Collected: 12/06/24 00:00
Matrix: Solid
Date Received: 12/06/24 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	46		5.9	5.4	mg/Kg	☼	12/11/24 07:21	12/13/24 04:08	1
C23-C40	190		5.9	5.4	mg/Kg	☼	12/11/24 07:21	12/13/24 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*120*		*60 - 138*	*12/11/24 07:21*	*12/13/24 04:08*	*1*

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: SW846 6010B - Metals (ICP)

Client Sample ID: Drum Composite
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:12

Lab Sample ID: 570-209998-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.2	6.88	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Arsenic	**4.04**		3.65	2.36	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Barium	**108**		2.43	0.359	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Beryllium	**0.462**	**J**	0.486	0.114	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Cadmium	ND		0.486	0.186	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Chromium	**20.6**		1.22	0.646	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Cobalt	**7.85**		2.43	0.518	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Copper	**16.0**		2.43	0.692	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Lead	**8.56**		2.43	1.61	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Molybdenum	ND		4.86	1.19	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Nickel	**13.5**		2.43	1.38	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Selenium	ND		3.65	1.90	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Silver	ND		2.43	0.517	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Thallium	ND		12.2	3.47	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Vanadium	**43.1**		4.86	1.07	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2
Zinc	**51.1**		4.86	1.98	mg/Kg	☼	12/12/24 11:27	12/13/24 05:27	2

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1
Date Collected: 12/06/24 00:00
Matrix: Solid
Date Received: 12/06/24 17:12

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0410	J	0.0947	0.0261	mg/Kg	☼	12/11/24 10:35	12/11/24 18:23	1

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

General Chemistry

Client Sample ID: Drum Composite
Date Collected: 12/06/24 00:00
Date Received: 12/06/24 17:12

Lab Sample ID: 570-209998-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	17.0		0.100	0.100	%			12/09/24 13:53	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(32-179)	(80-120)	(58-147)	(80-120)
570-209998-1	Drum Composite	96	99	97	99
570-209998-1 MS	Drum Composite	95	99	100	100
570-209998-1 MSD	Drum Composite	95	98	100	101
LCS 570-512096/1-A	Lab Control Sample	95	99	100	102
LCSD 570-512096/2-A	Lab Control Sample Dup	88	99	95	101
MB 570-512096/5-A	Method Blank	91	98	96	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-209998-1	Drum Composite	93
LCS 570-513628/1-A	Lab Control Sample	94
LCSD 570-513628/2-A	Lab Control Sample Dup	93
MB 570-513628/3-A	Method Blank	69

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-209998-1	Drum Composite	120
LCS 570-512474/2-A	Lab Control Sample	106
LCSD 570-512474/3-A	Lab Control Sample Dup	114
MB 570-512474/1-A	Method Blank	110

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-512096/5-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.0010	0.00029	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1,1-Trichloroethane	ND		0.0010	0.00023	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1,2,2-Tetrachloroethane	ND		0.0020	0.00054	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.010	0.00046	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1,2-Trichloroethane	ND		0.0010	0.00046	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1-Dichloroethane	ND		0.0010	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1-Dichloroethene	ND		0.0010	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,1-Dichloropropene	ND		0.0020	0.00039	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2,3-Trichlorobenzene	ND		0.0020	0.00038	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2,3-Trichloropropane	ND		0.0020	0.00042	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2,4-Trichlorobenzene	ND		0.0020	0.00041	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2,4-Trimethylbenzene	ND		0.0020	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0033	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2-Dibromoethane	ND		0.0010	0.00021	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2-Dichloroethane	ND		0.0010	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,2-Dichloropropane	ND		0.0010	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,3,5-Trimethylbenzene	ND		0.0020	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,3-Dichlorobenzene	ND		0.0010	0.00025	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,3-Dichloropropane	ND		0.0010	0.00030	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
1,4-Dichlorobenzene	ND		0.0010	0.00031	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
2,2-Dichloropropane	ND		0.0050	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
2-Butanone (MEK)	ND		0.020	0.0045	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
2-Chlorotoluene	ND		0.0010	0.00025	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
2-Hexanone	ND		0.020	0.0031	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
4-Chlorotoluene	ND		0.0010	0.00024	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		0.020	0.0029	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Acetone	ND		0.020	0.0098	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Benzene	ND		0.0010	0.00026	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Bromobenzene	ND		0.0010	0.00021	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Bromochloromethane	ND		0.0020	0.00044	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Bromodichloromethane	ND		0.0010	0.00033	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Bromoform	ND		0.0050	0.0013	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Bromomethane	ND		0.020	0.0066	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
cis-1,2-Dichloroethene	ND		0.0010	0.00034	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
cis-1,3-Dichloropropene	ND		0.0010	0.00035	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Carbon disulfide	ND		0.010	0.00040	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Carbon tetrachloride	ND		0.0010	0.00030	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Chlorobenzene	ND		0.0010	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Chloroethane	ND		0.0020	0.00074	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Chloroform	ND		0.0010	0.00059	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Chloromethane	ND		0.020	0.0015	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Dibromochloromethane	ND		0.0020	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Dibromomethane	ND		0.0010	0.00031	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Dichlorodifluoromethane	ND		0.0020	0.00045	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Di-isopropyl ether (DIPE)	ND		0.0010	0.00050	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Ethanol	ND		0.25	0.092	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Ethylbenzene	ND		0.0010	0.00021	mg/Kg		12/10/24 08:07	12/10/24 10:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-512096/5-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512096

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.0010	0.00024	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Isopropylbenzene	ND		0.0010	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Methylene Chloride	ND		0.010	0.0031	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Methyl-t-Butyl Ether (MTBE)	ND		0.0020	0.00019	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Naphthalene	ND		0.010	0.0039	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
n-Butylbenzene	ND		0.0010	0.00021	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
N-Propylbenzene	ND		0.0020	0.00026	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
o-Xylene	ND		0.0010	0.00026	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
m,p-Xylene	ND		0.0020	0.00047	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
p-Isopropyltoluene	ND		0.0010	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
sec-Butylbenzene	ND		0.0010	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Styrene	ND		0.0010	0.00032	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
trans-1,2-Dichloroethene	ND		0.0010	0.00030	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
trans-1,3-Dichloropropene	ND		0.0020	0.00028	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Tert-amyl-methyl ether (TAME)	ND		0.0010	0.00019	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
tert-Butyl alcohol (TBA)	ND		0.020	0.0070	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
tert-Butylbenzene	ND		0.0010	0.00025	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Tetrachloroethene	ND		0.0010	0.00022	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Toluene	ND		0.0010	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Trichloroethene	ND		0.0020	0.00039	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Trichlorofluoromethane	ND		0.010	0.00027	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Vinyl acetate	ND		0.010	0.0039	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Vinyl chloride	ND		0.0010	0.00038	mg/Kg		12/10/24 08:07	12/10/24 10:44	1
Xylenes, Total	ND		0.0020	0.00060	mg/Kg		12/10/24 08:07	12/10/24 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*32 - 179*	*12/10/24 08:07*	*12/10/24 10:44*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*12/10/24 08:07*	*12/10/24 10:44*	*1*
Dibromofluoromethane (Surr)	*96*		*58 - 147*	*12/10/24 08:07*	*12/10/24 10:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*12/10/24 08:07*	*12/10/24 10:44*	*1*

Lab Sample ID: LCS 570-512096/1-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.0500	0.05399		mg/Kg		108	80 - 125
1,1,1-Trichloroethane	0.0500	0.05343		mg/Kg		107	78 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05172		mg/Kg		103	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05793		mg/Kg		116	73 - 130
1,1,2-Trichloroethane	0.0500	0.05053		mg/Kg		101	80 - 123
1,1-Dichloroethane	0.0500	0.05327		mg/Kg		107	79 - 124
1,1-Dichloroethene	0.0500	0.05405		mg/Kg		108	74 - 132
1,1-Dichloropropene	0.0500	0.05571		mg/Kg		111	78 - 130
1,2,3-Trichlorobenzene	0.0500	0.05427		mg/Kg		109	80 - 123
1,2,3-Trichloropropane	0.0500	0.05008		mg/Kg		100	79 - 120
1,2,4-Trichlorobenzene	0.0500	0.05788		mg/Kg		116	80 - 125
1,2,4-Trimethylbenzene	0.0500	0.05643		mg/Kg		113	80 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-512096/1-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05046		mg/Kg		101	67 - 120
1,2-Dibromoethane	0.0500	0.05079		mg/Kg		102	80 - 120
1,2-Dichlorobenzene	0.0500	0.05301		mg/Kg		106	80 - 120
1,2-Dichloroethane	0.0500	0.04975		mg/Kg		99	77 - 120
1,2-Dichloropropane	0.0500	0.05286		mg/Kg		106	80 - 126
1,3,5-Trimethylbenzene	0.0500	0.05561		mg/Kg		111	80 - 121
1,3-Dichlorobenzene	0.0500	0.05413		mg/Kg		108	80 - 120
1,3-Dichloropropane	0.0500	0.05192		mg/Kg		104	80 - 120
1,4-Dichlorobenzene	0.0500	0.05305		mg/Kg		106	80 - 120
2,2-Dichloropropane	0.0500	0.05934		mg/Kg		119	73 - 135
2-Butanone (MEK)	0.0500	0.05022		mg/Kg		100	67 - 136
2-Chlorotoluene	0.0500	0.05306		mg/Kg		106	80 - 120
2-Hexanone	0.0500	0.04711		mg/Kg		94	70 - 137
4-Chlorotoluene	0.0500	0.05286		mg/Kg		106	80 - 121
4-Methyl-2-pentanone (MIBK)	0.0500	0.05014		mg/Kg		100	74 - 124
Acetone	0.0500	0.04924		mg/Kg		98	61 - 142
Benzene	0.0500	0.05329		mg/Kg		107	80 - 120
Bromobenzene	0.0500	0.05235		mg/Kg		105	80 - 120
Bromochloromethane	0.0500	0.05256		mg/Kg		105	80 - 120
Bromodichloromethane	0.0500	0.05321		mg/Kg		106	80 - 125
Bromoform	0.0500	0.05527		mg/Kg		111	74 - 138
Bromomethane	0.0500	0.04887		mg/Kg		98	58 - 136
cis-1,2-Dichloroethene	0.0500	0.05247		mg/Kg		105	80 - 124
cis-1,3-Dichloropropene	0.0500	0.05557		mg/Kg		111	80 - 123
Carbon disulfide	0.0500	0.05301		mg/Kg		106	68 - 128
Carbon tetrachloride	0.0500	0.05349		mg/Kg		107	75 - 140
Chlorobenzene	0.0500	0.05248		mg/Kg		105	80 - 120
Chloroethane	0.0500	0.05302		mg/Kg		106	76 - 137
Chloroform	0.0500	0.05219		mg/Kg		104	80 - 121
Chloromethane	0.0500	0.04361		mg/Kg		87	74 - 133
Dibromochloromethane	0.0500	0.05289		mg/Kg		106	80 - 132
Dibromomethane	0.0500	0.05051		mg/Kg		101	80 - 120
Dichlorodifluoromethane	0.0500	0.04166		mg/Kg		83	63 - 146
Di-isopropyl ether (DIPE)	0.0500	0.05231		mg/Kg		105	73 - 132
Ethanol	0.500	0.5036		mg/Kg		101	46 - 159
Ethylbenzene	0.0500	0.05415		mg/Kg		108	80 - 120
Ethyl-t-butyl ether (ETBE)	0.0500	0.05536		mg/Kg		111	77 - 129
Isopropylbenzene	0.0500	0.05573		mg/Kg		111	80 - 122
Methylene Chloride	0.0500	0.04127		mg/Kg		83	74 - 120
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04739		mg/Kg		95	79 - 123
Naphthalene	0.0500	0.05457		mg/Kg		109	79 - 121
n-Butylbenzene	0.0500	0.05935		mg/Kg		119	79 - 131
N-Propylbenzene	0.0500	0.05512		mg/Kg		110	80 - 122
o-Xylene	0.0500	0.05368		mg/Kg		107	80 - 120
m,p-Xylene	0.100	0.1104		mg/Kg		110	80 - 120
p-Isopropyltoluene	0.0500	0.05743		mg/Kg		115	80 - 126
sec-Butylbenzene	0.0500	0.05700		mg/Kg		114	80 - 125
Styrene	0.0500	0.05382		mg/Kg		108	80 - 120
trans-1,2-Dichloroethene	0.0500	0.04593		mg/Kg		92	75 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-512096/1-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512096

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0500	0.05637		mg/Kg		113	80 - 124		
Tert-amyl-methyl ether (TAME)			0.0500	0.05712		mg/Kg		114	80 - 120		
tert-Butyl alcohol (TBA)			0.250	0.2489		mg/Kg		100	74 - 123		
tert-Butylbenzene			0.0500	0.05656		mg/Kg		113	80 - 124		
Tetrachloroethene			0.0500	0.05541		mg/Kg		111	80 - 122		
Toluene			0.0500	0.05262		mg/Kg		105	80 - 120		
Trichloroethene			0.0500	0.05299		mg/Kg		106	80 - 127		
Trichlorofluoromethane			0.0500	0.05154		mg/Kg		103	70 - 144		
Vinyl acetate			0.0500	0.05681		mg/Kg		114	71 - 125		
Vinyl chloride			0.0500	0.05032		mg/Kg		101	79 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-512096/2-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512096

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			0.0500	0.05375		mg/Kg		107	80 - 125	0	20
1,1,1-Trichloroethane			0.0500	0.04974		mg/Kg		99	78 - 130	7	20
1,1,2,2-Tetrachloroethane			0.0500	0.04918		mg/Kg		98	80 - 124	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0500	0.05234		mg/Kg		105	73 - 130	10	20
1,1,2-Trichloroethane			0.0500	0.04973		mg/Kg		99	80 - 123	2	20
1,1-Dichloroethane			0.0500	0.05009		mg/Kg		100	79 - 124	6	20
1,1-Dichloroethene			0.0500	0.04986		mg/Kg		100	74 - 132	8	20
1,1-Dichloropropene			0.0500	0.05130		mg/Kg		103	78 - 130	8	20
1,2,3-Trichlorobenzene			0.0500	0.05020		mg/Kg		100	80 - 123	8	20
1,2,3-Trichloropropane			0.0500	0.04797		mg/Kg		96	79 - 120	4	20
1,2,4-Trichlorobenzene			0.0500	0.05256		mg/Kg		105	80 - 125	10	20
1,2,4-Trimethylbenzene			0.0500	0.05311		mg/Kg		106	80 - 124	6	20
1,2-Dibromo-3-Chloropropane			0.0500	0.04590		mg/Kg		92	67 - 120	9	20
1,2-Dibromoethane			0.0500	0.04851		mg/Kg		97	80 - 120	5	20
1,2-Dichlorobenzene			0.0500	0.05005		mg/Kg		100	80 - 120	6	20
1,2-Dichloroethane			0.0500	0.04851		mg/Kg		97	77 - 120	3	20
1,2-Dichloropropane			0.0500	0.05059		mg/Kg		101	80 - 126	4	20
1,3,5-Trimethylbenzene			0.0500	0.05364		mg/Kg		107	80 - 121	4	20
1,3-Dichlorobenzene			0.0500	0.05036		mg/Kg		101	80 - 120	7	20
1,3-Dichloropropane			0.0500	0.05081		mg/Kg		102	80 - 120	2	20
1,4-Dichlorobenzene			0.0500	0.05102		mg/Kg		102	80 - 120	4	20
2,2-Dichloropropane			0.0500	0.05383		mg/Kg		108	73 - 135	10	20
2-Butanone (MEK)			0.0500	0.04263		mg/Kg		85	67 - 136	16	20
2-Chlorotoluene			0.0500	0.05165		mg/Kg		103	80 - 120	3	20
2-Hexanone			0.0500	0.04384		mg/Kg		88	70 - 137	7	20
4-Chlorotoluene			0.0500	0.05028		mg/Kg		101	80 - 121	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-512096/2-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	0.0500	0.04651		mg/Kg		93	74 - 124	8	20
Acetone	0.0500	0.04497		mg/Kg		90	61 - 142	9	23
Benzene	0.0500	0.05130		mg/Kg		103	80 - 120	4	20
Bromobenzene	0.0500	0.05187		mg/Kg		104	80 - 120	1	20
Bromochloromethane	0.0500	0.04934		mg/Kg		99	80 - 120	6	20
Bromodichloromethane	0.0500	0.05095		mg/Kg		102	80 - 125	4	20
Bromoform	0.0500	0.05122		mg/Kg		102	74 - 138	8	20
Bromomethane	0.0500	0.04613		mg/Kg		92	58 - 136	6	20
cis-1,2-Dichloroethene	0.0500	0.04961		mg/Kg		99	80 - 124	6	20
cis-1,3-Dichloropropene	0.0500	0.05341		mg/Kg		107	80 - 123	4	20
Carbon disulfide	0.0500	0.04851		mg/Kg		97	68 - 128	9	20
Carbon tetrachloride	0.0500	0.04904		mg/Kg		98	75 - 140	9	20
Chlorobenzene	0.0500	0.05085		mg/Kg		102	80 - 120	3	20
Chloroethane	0.0500	0.05176		mg/Kg		104	76 - 137	2	20
Chloroform	0.0500	0.04897		mg/Kg		98	80 - 121	6	20
Chloromethane	0.0500	0.04223		mg/Kg		84	74 - 133	3	20
Dibromochloromethane	0.0500	0.05131		mg/Kg		103	80 - 132	3	20
Dibromomethane	0.0500	0.04769		mg/Kg		95	80 - 120	6	20
Dichlorodifluoromethane	0.0500	0.04091		mg/Kg		82	63 - 146	2	20
Di-isopropyl ether (DIPE)	0.0500	0.04866		mg/Kg		97	73 - 132	7	20
Ethanol	0.500	0.5168		mg/Kg		103	46 - 159	3	30
Ethylbenzene	0.0500	0.05272		mg/Kg		105	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	0.0500	0.05179		mg/Kg		104	77 - 129	7	20
Isopropylbenzene	0.0500	0.05407		mg/Kg		108	80 - 122	3	20
Methylene Chloride	0.0500	0.03907		mg/Kg		78	74 - 120	5	20
Methyl-t-Butyl Ether (MTBE)	0.0500	0.04292		mg/Kg		86	79 - 123	10	20
Naphthalene	0.0500	0.05004		mg/Kg		100	79 - 121	9	20
n-Butylbenzene	0.0500	0.05487		mg/Kg		110	79 - 131	8	20
N-Propylbenzene	0.0500	0.05292		mg/Kg		106	80 - 122	4	20
o-Xylene	0.0500	0.05189		mg/Kg		104	80 - 120	3	20
m,p-Xylene	0.100	0.1077		mg/Kg		108	80 - 120	3	20
p-Isopropyltoluene	0.0500	0.05408		mg/Kg		108	80 - 126	6	20
sec-Butylbenzene	0.0500	0.05444		mg/Kg		109	80 - 125	5	20
Styrene	0.0500	0.05283		mg/Kg		106	80 - 120	2	20
trans-1,2-Dichloroethene	0.0500	0.04112		mg/Kg		82	75 - 123	11	20
trans-1,3-Dichloropropene	0.0500	0.05435		mg/Kg		109	80 - 124	4	20
Tert-amyl-methyl ether (TAME)	0.0500	0.05402		mg/Kg		108	80 - 120	6	20
tert-Butyl alcohol (TBA)	0.250	0.2405		mg/Kg		96	74 - 123	3	20
tert-Butylbenzene	0.0500	0.05270		mg/Kg		105	80 - 124	7	20
Tetrachloroethene	0.0500	0.05268		mg/Kg		105	80 - 122	5	20
Toluene	0.0500	0.05092		mg/Kg		102	80 - 120	3	20
Trichloroethene	0.0500	0.05157		mg/Kg		103	80 - 127	3	20
Trichlorofluoromethane	0.0500	0.05029		mg/Kg		101	70 - 144	2	20
Vinyl acetate	0.0500	0.05078		mg/Kg		102	71 - 125	11	20
Vinyl chloride	0.0500	0.04766		mg/Kg		95	79 - 133	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*32 - 179*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-512096/2-A
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512096

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 570-209998-1 MS
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Drum Composite
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	ND		0.0595	0.04977		mg/Kg	☼	84	61 - 129
1,1,1-Trichloroethane	ND		0.0595	0.05471		mg/Kg	☼	92	67 - 125
1,1,2,2-Tetrachloroethane	ND		0.0595	0.05259		mg/Kg	☼	88	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.0595	0.05525		mg/Kg	☼	93	62 - 125
1,1,2-Trichloroethane	ND		0.0595	0.05135		mg/Kg	☼	86	52 - 134
1,1-Dichloroethane	ND		0.0595	0.05537		mg/Kg	☼	93	66 - 125
1,1-Dichloroethene	ND		0.0595	0.05585		mg/Kg	☼	94	60 - 125
1,1-Dichloropropene	ND		0.0595	0.05395		mg/Kg	☼	91	69 - 125
1,2,3-Trichlorobenzene	ND		0.0595	0.02231		mg/Kg	☼	37	20 - 145
1,2,3-Trichloropropane	ND		0.0595	0.04423		mg/Kg	☼	74	53 - 128
1,2,4-Trichlorobenzene	ND		0.0595	0.02604		mg/Kg	☼	44	20 - 146
1,2,4-Trimethylbenzene	0.00054	J	0.0595	0.04374		mg/Kg	☼	73	51 - 129
1,2-Dibromo-3-Chloropropane	ND		0.0595	0.04560		mg/Kg	☼	77	33 - 126
1,2-Dibromoethane	ND		0.0595	0.04801		mg/Kg	☼	81	65 - 125
1,2-Dichlorobenzene	ND		0.0595	0.03691		mg/Kg	☼	62	47 - 130
1,2-Dichloroethane	ND		0.0595	0.05026		mg/Kg	☼	84	66 - 127
1,2-Dichloropropane	ND		0.0595	0.05246		mg/Kg	☼	88	70 - 125
1,3,5-Trimethylbenzene	ND		0.0595	0.04030		mg/Kg	☼	68	50 - 132
1,3-Dichlorobenzene	ND		0.0595	0.03860		mg/Kg	☼	65	48 - 128
1,3-Dichloropropane	ND		0.0595	0.05016		mg/Kg	☼	84	66 - 125
1,4-Dichlorobenzene	ND		0.0595	0.03787		mg/Kg	☼	64	47 - 127
2,2-Dichloropropane	ND		0.0595	0.05800		mg/Kg	☼	97	61 - 128
2-Butanone (MEK)	ND		0.0595	0.05260		mg/Kg	☼	88	48 - 134
2-Chlorotoluene	ND		0.0595	0.03917		mg/Kg	☼	66	54 - 127
2-Hexanone	ND		0.0595	0.04706		mg/Kg	☼	79	48 - 136
4-Chlorotoluene	ND		0.0595	0.04129		mg/Kg	☼	69	54 - 125
4-Methyl-2-pentanone (MIBK)	ND		0.0595	0.04701		mg/Kg	☼	79	55 - 133
Acetone	0.018	J	0.0595	0.09023		mg/Kg	☼	122	30 - 175
Benzene	ND		0.0595	0.05338		mg/Kg	☼	90	70 - 125
Bromobenzene	ND		0.0595	0.04330		mg/Kg	☼	73	57 - 129
Bromochloromethane	ND		0.0595	0.05529		mg/Kg	☼	93	67 - 125
Bromodichloromethane	ND		0.0595	0.05112		mg/Kg	☼	86	64 - 130
Bromoform	ND		0.0595	0.05150		mg/Kg	☼	87	49 - 133
Bromomethane	ND		0.0595	0.05235		mg/Kg	☼	88	30 - 149
cis-1,2-Dichloroethene	ND		0.0595	0.05416		mg/Kg	☼	91	71 - 125
cis-1,3-Dichloropropene	ND		0.0595	0.05339		mg/Kg	☼	90	63 - 126
Carbon disulfide	ND		0.0595	0.05243		mg/Kg	☼	88	53 - 125
Carbon tetrachloride	ND		0.0595	0.05206		mg/Kg	☼	87	60 - 130
Chlorobenzene	ND		0.0595	0.04579		mg/Kg	☼	77	65 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209998-1 MS
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Drum Composite
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroethane	ND		0.0595	0.05613		mg/Kg	☼	94	51 - 131
Chloroform	ND		0.0595	0.05353		mg/Kg	☼	90	70 - 125
Chloromethane	ND		0.0595	0.04853		mg/Kg	☼	82	43 - 125
Dibromochloromethane	ND		0.0595	0.04937		mg/Kg	☼	83	56 - 132
Dibromomethane	ND		0.0595	0.04897		mg/Kg	☼	82	67 - 127
Dichlorodifluoromethane	ND		0.0595	0.04589		mg/Kg	☼	77	47 - 127
Di-isopropyl ether (DIPE)	ND		0.0595	0.05367		mg/Kg	☼	90	62 - 125
Ethanol	ND		0.595	0.7385		mg/Kg	☼	124	21 - 168
Ethylbenzene	ND		0.0595	0.04657		mg/Kg	☼	78	64 - 125
Ethyl-t-butyl ether (ETBE)	ND		0.0595	0.05549		mg/Kg	☼	93	61 - 125
Isopropylbenzene	ND		0.0595	0.04262		mg/Kg	☼	72	59 - 129
Methylene Chloride	ND		0.0595	0.05411		mg/Kg	☼	91	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		0.0595	0.05646		mg/Kg	☼	95	61 - 125
Naphthalene	ND		0.0595	0.03233		mg/Kg	☼	54	25 - 136
n-Butylbenzene	ND		0.0595	0.03639		mg/Kg	☼	61	35 - 135
N-Propylbenzene	0.00038	J	0.0595	0.04022		mg/Kg	☼	67	52 - 131
o-Xylene	ND		0.0595	0.04607		mg/Kg	☼	77	59 - 128
m,p-Xylene	ND		0.119	0.09449		mg/Kg	☼	79	60 - 125
p-Isopropyltoluene	ND		0.0595	0.03869		mg/Kg	☼	65	46 - 132
sec-Butylbenzene	ND		0.0595	0.03850		mg/Kg	☼	65	47 - 131
Styrene	ND		0.0595	0.04521		mg/Kg	☼	76	58 - 128
trans-1,2-Dichloroethene	ND		0.0595	0.05626		mg/Kg	☼	95	67 - 125
trans-1,3-Dichloropropene	ND		0.0595	0.05333		mg/Kg	☼	90	59 - 132
Tert-amyl-methyl ether (TAME)	ND		0.0595	0.05515		mg/Kg	☼	93	66 - 127
tert-Butyl alcohol (TBA)	ND		0.298	0.3213		mg/Kg	☼	108	50 - 142
tert-Butylbenzene	ND		0.0595	0.04026		mg/Kg	☼	68	53 - 126
Tetrachloroethene	ND		0.0595	0.04738		mg/Kg	☼	80	62 - 129
Toluene	ND		0.0595	0.05006		mg/Kg	☼	84	68 - 125
Trichloroethene	ND		0.0595	0.05086		mg/Kg	☼	85	41 - 169
Trichlorofluoromethane	ND		0.0595	0.05546		mg/Kg	☼	93	63 - 128
Vinyl acetate	ND		0.0595	0.02488		mg/Kg	☼	42	20 - 154
Vinyl chloride	ND		0.0595	0.05415		mg/Kg	☼	91	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 570-209998-1 MSD
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Drum Composite
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		0.0595	0.04472		mg/Kg	☼	75	61 - 129	11	23
1,1,1-Trichloroethane	ND		0.0595	0.05003		mg/Kg	☼	84	67 - 125	9	20
1,1,2,2-Tetrachloroethane	ND		0.0595	0.04547		mg/Kg	☼	76	20 - 164	15	40
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		0.0595	0.04906		mg/Kg	☼	82	62 - 125	12	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209998-1 MSD
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Drum Composite
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	ND		0.0595	0.04575		mg/Kg	☼	77	52 - 134	12	25
1,1-Dichloroethane	ND		0.0595	0.05208		mg/Kg	☼	87	66 - 125	6	20
1,1-Dichloroethene	ND		0.0595	0.05192		mg/Kg	☼	87	60 - 125	7	20
1,1-Dichloropropene	ND		0.0595	0.04734		mg/Kg	☼	80	69 - 125	13	20
1,2,3-Trichlorobenzene	ND		0.0595	0.01720		mg/Kg	☼	29	20 - 145	26	39
1,2,3-Trichloropropane	ND		0.0595	0.04110		mg/Kg	☼	69	53 - 128	7	25
1,2,4-Trichlorobenzene	ND		0.0595	0.02097		mg/Kg	☼	35	20 - 146	22	38
1,2,4-Trimethylbenzene	0.00054	J	0.0595	0.03797		mg/Kg	☼	63	51 - 129	14	27
1,2-Dibromo-3-Chloropropane	ND		0.0595	0.03969		mg/Kg	☼	67	33 - 126	14	29
1,2-Dibromoethane	ND		0.0595	0.04439		mg/Kg	☼	75	65 - 125	8	21
1,2-Dichlorobenzene	ND		0.0595	0.03042		mg/Kg	☼	51	47 - 130	19	29
1,2-Dichloroethane	ND		0.0595	0.04804		mg/Kg	☼	81	66 - 127	5	20
1,2-Dichloropropane	ND		0.0595	0.04839		mg/Kg	☼	81	70 - 125	8	20
1,3,5-Trimethylbenzene	ND		0.0595	0.03436		mg/Kg	☼	58	50 - 132	16	29
1,3-Dichlorobenzene	ND		0.0595	0.03170		mg/Kg	☼	53	48 - 128	20	28
1,3-Dichloropropane	ND		0.0595	0.04685		mg/Kg	☼	79	66 - 125	7	20
1,4-Dichlorobenzene	ND		0.0595	0.03139		mg/Kg	☼	53	47 - 127	19	28
2,2-Dichloropropane	ND		0.0595	0.05507		mg/Kg	☼	93	61 - 128	5	20
2-Butanone (MEK)	ND		0.0595	0.04753		mg/Kg	☼	80	48 - 134	10	24
2-Chlorotoluene	ND		0.0595	0.03339		mg/Kg	☼	56	54 - 127	16	27
2-Hexanone	ND		0.0595	0.04570		mg/Kg	☼	77	48 - 136	3	28
4-Chlorotoluene	ND		0.0595	0.03523		mg/Kg	☼	59	54 - 125	16	26
4-Methyl-2-pentanone (MIBK)	ND		0.0595	0.04705		mg/Kg	☼	79	55 - 133	0	23
Acetone	0.018	J	0.0595	0.08326		mg/Kg	☼	110	30 - 175	8	30
Benzene	ND		0.0595	0.04922		mg/Kg	☼	83	70 - 125	8	20
Bromobenzene	ND		0.0595	0.03705		mg/Kg	☼	62	57 - 129	16	26
Bromochloromethane	ND		0.0595	0.05142		mg/Kg	☼	86	67 - 125	7	20
Bromodichloromethane	ND		0.0595	0.04806		mg/Kg	☼	81	64 - 130	6	20
Bromoform	ND		0.0595	0.04659		mg/Kg	☼	78	49 - 133	10	27
Bromomethane	ND		0.0595	0.05203		mg/Kg	☼	87	30 - 149	1	31
cis-1,2-Dichloroethene	ND		0.0595	0.05059		mg/Kg	☼	85	71 - 125	7	20
cis-1,3-Dichloropropene	ND		0.0595	0.04952		mg/Kg	☼	83	63 - 126	8	20
Carbon disulfide	ND		0.0595	0.04784		mg/Kg	☼	80	53 - 125	9	20
Carbon tetrachloride	ND		0.0595	0.04682		mg/Kg	☼	79	60 - 130	11	20
Chlorobenzene	ND		0.0595	0.04113		mg/Kg	☼	69	65 - 125	11	22
Chloroethane	ND		0.0595	0.05619		mg/Kg	☼	94	51 - 131	0	21
Chloroform	ND		0.0595	0.04985		mg/Kg	☼	84	70 - 125	7	20
Chloromethane	ND		0.0595	0.04585		mg/Kg	☼	77	43 - 125	6	21
Dibromochloromethane	ND		0.0595	0.04552		mg/Kg	☼	76	56 - 132	8	24
Dibromomethane	ND		0.0595	0.04659		mg/Kg	☼	78	67 - 127	5	20
Dichlorodifluoromethane	ND		0.0595	0.04588		mg/Kg	☼	77	47 - 127	0	20
Di-isopropyl ether (DIPE)	ND		0.0595	0.04966		mg/Kg	☼	83	62 - 125	8	20
Ethanol	ND		0.595	0.5574		mg/Kg	☼	94	21 - 168	28	40
Ethylbenzene	ND		0.0595	0.04131		mg/Kg	☼	69	64 - 125	12	22
Ethyl-t-butyl ether (ETBE)	ND		0.0595	0.05170		mg/Kg	☼	87	61 - 125	7	20
Isopropylbenzene	ND		0.0595	0.03713		mg/Kg	☼	62	59 - 129	14	26
Methylene Chloride	ND		0.0595	0.05097		mg/Kg	☼	86	60 - 125	6	20
Methyl-t-Butyl Ether (MTBE)	ND		0.0595	0.05274		mg/Kg	☼	89	61 - 125	7	20
Naphthalene	ND		0.0595	0.02725		mg/Kg	☼	46	25 - 136	17	32

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-209998-1 MSD
Matrix: Solid
Analysis Batch: 511982

Client Sample ID: Drum Composite
Prep Type: Total/NA
Prep Batch: 512096

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
n-Butylbenzene	ND		0.0595	0.03023		mg/Kg	☼	51	35 - 135	18	35
N-Propylbenzene	0.00038	J	0.0595	0.03384		mg/Kg	☼	56	52 - 131	17	27
o-Xylene	ND		0.0595	0.04045		mg/Kg	☼	68	59 - 128	13	24
m,p-Xylene	ND		0.119	0.08254		mg/Kg	☼	69	60 - 125	13	24
p-Isopropyltoluene	ND		0.0595	0.03269		mg/Kg	☼	55	46 - 132	17	30
sec-Butylbenzene	ND		0.0595	0.03242		mg/Kg	☼	54	47 - 131	17	30
Styrene	ND		0.0595	0.03987		mg/Kg	☼	67	58 - 128	13	24
trans-1,2-Dichloroethene	ND		0.0595	0.05216		mg/Kg	☼	88	67 - 125	8	20
trans-1,3-Dichloropropene	ND		0.0595	0.04960		mg/Kg	☼	83	59 - 132	7	22
Tert-amyl-methyl ether (TAME)	ND		0.0595	0.05263		mg/Kg	☼	88	66 - 127	5	20
tert-Butyl alcohol (TBA)	ND		0.298	0.2961		mg/Kg	☼	99	50 - 142	8	27
tert-Butylbenzene	ND		0.0595	0.03431		mg/Kg	☼	58	53 - 126	16	28
Tetrachloroethene	ND		0.0595	0.04040		mg/Kg	☼	68	62 - 129	16	21
Toluene	ND		0.0595	0.04532		mg/Kg	☼	76	68 - 125	10	20
Trichloroethene	ND		0.0595	0.04664		mg/Kg	☼	78	41 - 169	9	21
Trichlorofluoromethane	ND		0.0595	0.05395		mg/Kg	☼	91	63 - 128	3	20
Vinyl acetate	ND		0.0595	0.01897		mg/Kg	☼	32	20 - 154	27	40
Vinyl chloride	ND		0.0595	0.05380		mg/Kg	☼	90	59 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*32 - 179*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*58 - 147*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-513628/3-A
Matrix: Solid
Analysis Batch: 513571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099	0.044	mg/Kg		12/13/24 12:20	12/13/24 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*12/13/24 12:20*	*12/13/24 13:31*	*1*

Lab Sample ID: LCS 570-513628/1-A
Matrix: Solid
Analysis Batch: 513571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513628

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.99	1.972		mg/Kg		99	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-513628/2-A
Matrix: Solid
Analysis Batch: 513571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513628

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	1.892		mg/Kg		96	70 - 124	4	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-512474/1-A
Matrix: Solid
Analysis Batch: 512898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.0	4.6	mg/Kg		12/11/24 07:02	12/12/24 04:34	1
C23-C40	ND		5.0	4.6	mg/Kg		12/11/24 07:02	12/12/24 04:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*60 - 138*	*12/11/24 07:02*	*12/12/24 04:34*	*1*

Lab Sample ID: LCS 570-512474/2-A
Matrix: Solid
Analysis Batch: 512898

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512474

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	343.2		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*106*		*60 - 138*

Lab Sample ID: LCSD 570-512474/3-A
Matrix: Solid
Analysis Batch: 512898

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512474

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	348.9		mg/Kg		87	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*114*		*60 - 138*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-513103/1-A ^2
Matrix: Solid
Analysis Batch: 513449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.06	5.13	mg/Kg		12/12/24 11:27	12/13/24 04:52	2

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-513103/1-A ^2
Matrix: Solid
Analysis Batch: 513449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 513103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.72	1.76	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Barium	ND		1.81	0.267	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Beryllium	ND		0.362	0.0851	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Cadmium	ND		0.362	0.139	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Chromium	ND		0.906	0.481	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Cobalt	ND		1.81	0.386	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Copper	ND		1.81	0.515	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Lead	ND		1.81	1.20	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Molybdenum	ND		3.62	0.888	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Nickel	ND		1.81	1.03	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Selenium	ND		2.72	1.42	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Silver	ND		1.81	0.385	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Thallium	ND		9.06	2.59	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Vanadium	ND		3.62	0.793	mg/Kg		12/12/24 11:27	12/13/24 04:52	2
Zinc	ND		3.62	1.48	mg/Kg		12/12/24 11:27	12/13/24 04:52	2

Lab Sample ID: LCS 570-513103/2-A ^2
Matrix: Solid
Analysis Batch: 513449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 513103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	200	179.8		mg/Kg		90	80 - 120
Arsenic	200	185.2		mg/Kg		93	80 - 120
Barium	200	192.4		mg/Kg		96	80 - 120
Beryllium	200	188.1		mg/Kg		94	80 - 120
Cadmium	200	188.1		mg/Kg		94	80 - 120
Chromium	200	198.2		mg/Kg		99	80 - 120
Cobalt	200	190.6		mg/Kg		95	80 - 120
Copper	200	191.7		mg/Kg		96	80 - 120
Lead	200	191.9		mg/Kg		96	80 - 120
Molybdenum	200	193.9		mg/Kg		97	80 - 120
Nickel	200	188.9		mg/Kg		95	80 - 120
Selenium	200	167.1		mg/Kg		84	80 - 120
Silver	99.9	94.49		mg/Kg		95	80 - 120
Thallium	200	185.7		mg/Kg		93	80 - 120
Vanadium	200	193.5		mg/Kg		97	80 - 120
Zinc	200	187.8		mg/Kg		94	80 - 120

Lab Sample ID: LCSD 570-513103/3-A ^2
Matrix: Solid
Analysis Batch: 513449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513103

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	198	180.6		mg/Kg		91	80 - 120	0	20
Arsenic	198	184.3		mg/Kg		93	80 - 120	1	20
Barium	198	191.5		mg/Kg		97	80 - 120	1	20
Beryllium	198	187.7		mg/Kg		95	80 - 120	0	20
Cadmium	198	187.3		mg/Kg		94	80 - 120	0	20
Chromium	198	198.1		mg/Kg		100	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-513103/3-A ^2
Matrix: Solid
Analysis Batch: 513449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 513103

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt			198	189.8		mg/Kg		96	80 - 120	0	20
Copper			198	191.4		mg/Kg		96	80 - 120	0	20
Lead			198	190.2		mg/Kg		96	80 - 120	1	20
Molybdenum			198	192.5		mg/Kg		97	80 - 120	1	20
Nickel			198	188.5		mg/Kg		95	80 - 120	0	20
Selenium			198	164.8		mg/Kg		83	80 - 120	1	20
Silver			99.2	94.17		mg/Kg		95	80 - 120	0	20
Thallium			198	185.9		mg/Kg		94	80 - 120	0	20
Vanadium			198	192.9		mg/Kg		97	80 - 120	0	20
Zinc			198	186.7		mg/Kg		94	80 - 120	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-512605/1-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 512605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0850	0.0235	mg/Kg		12/11/24 10:35	12/11/24 17:33	1

Lab Sample ID: LCS 570-512605/2-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 512605

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.408	0.4525		mg/Kg		111	80 - 120		

Lab Sample ID: LCSD 570-512605/3-A
Matrix: Solid
Analysis Batch: 512768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 512605

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.417	0.4599		mg/Kg		110	80 - 120	2	10

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-511715/1
Matrix: Solid
Analysis Batch: 511715

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	0.100	%			12/09/24 13:53	1

GC/MS VOA

Analysis Batch: 511982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	8260B	512096
MB 570-512096/5-A	Method Blank	Total/NA	Solid	8260B	512096
LCS 570-512096/1-A	Lab Control Sample	Total/NA	Solid	8260B	512096
LCSD 570-512096/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	512096
570-209998-1 MS	Drum Composite	Total/NA	Solid	8260B	512096
570-209998-1 MSD	Drum Composite	Total/NA	Solid	8260B	512096

Prep Batch: 512096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	5030C	
MB 570-512096/5-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-512096/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-512096/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-209998-1 MS	Drum Composite	Total/NA	Solid	5030C	
570-209998-1 MSD	Drum Composite	Total/NA	Solid	5030C	

GC VOA

Analysis Batch: 513571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	8015B	513628
MB 570-513628/3-A	Method Blank	Total/NA	Solid	8015B	513628
LCS 570-513628/1-A	Lab Control Sample	Total/NA	Solid	8015B	513628
LCSD 570-513628/2-A	Lab Control Sample Dup	Total/NA	Solid	8015B	513628

Prep Batch: 513628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	5030C	
MB 570-513628/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-513628/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-513628/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

GC Semi VOA

Prep Batch: 512474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	3550C	
MB 570-512474/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-512474/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-512474/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 512898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-512474/1-A	Method Blank	Total/NA	Solid	8015B	512474
LCS 570-512474/2-A	Lab Control Sample	Total/NA	Solid	8015B	512474
LCSD 570-512474/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	512474

Analysis Batch: 513328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	8015B	512474

Metals

Prep Batch: 512605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	7471A	
MB 570-512605/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-512605/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-512605/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 512768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	7471A	512605
MB 570-512605/1-A	Method Blank	Total/NA	Solid	7471A	512605
LCS 570-512605/2-A	Lab Control Sample	Total/NA	Solid	7471A	512605
LCSD 570-512605/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	512605

Prep Batch: 513103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	3051A	
MB 570-513103/1-A ^2	Method Blank	Total/NA	Solid	3051A	
LCS 570-513103/2-A ^2	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 570-513103/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 513449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	6010B	513103
MB 570-513103/1-A ^2	Method Blank	Total/NA	Solid	6010B	513103
LCS 570-513103/2-A ^2	Lab Control Sample	Total/NA	Solid	6010B	513103
LCSD 570-513103/3-A ^2	Lab Control Sample Dup	Total/NA	Solid	6010B	513103

General Chemistry

Analysis Batch: 511715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-209998-1	Drum Composite	Total/NA	Solid	Moisture - 2540	
MB 570-511715/1	Method Blank	Total/NA	Solid	Moisture - 2540	

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Client Sample ID: Drum Composite
Lab Sample ID: 570-209998-1

Date Collected: 12/06/24 00:00
Matrix: Solid
Date Received: 12/06/24 17:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.06 g	5 mL	512096	12/10/24 08:07	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	511982	12/10/24 11:28	AJ4K	EET CAL 4
	Instrument ID: GCMSCC									
Total/NA	Prep	5030C			5.09 g	5 mL	513628	12/13/24 12:20	A9VE	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	513571	12/13/24 15:09	A9VE	EET CAL 4
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.16 g	10 mL	512474	12/11/24 07:21	H1SH	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	513328	12/13/24 04:08	E5RH	EET CAL 4
	Instrument ID: GC69A									
Total/NA	Prep	3051A			0.4955 g	50 mL	513103	12/12/24 11:27	EV3M	EET CAL 4
Total/NA	Analysis	6010B		2			513449	12/13/24 05:27	K1UV	EET CAL 4
	Instrument ID: ICP11									
Total/NA	Prep	7471A			0.53 g	50 mL	512605	12/11/24 10:35	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			512768	12/11/24 18:23	RL6Q	EET CAL 4
	Instrument ID: HG8									
Total/NA	Analysis	Moisture - 2540		1			511715	12/09/24 13:53	N9ZN	EET CAL 4
	Instrument ID: BAL62									

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-25

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3051A	Preparation, Metals, Microwave Assisted	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 570-209998-1
Project/Site: 700152701

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-209998-1	Drum Composite	Solid	12/06/24 00:00	12/06/24 17:12

Vikas Patel

From: Travis Knight <tknight@langan.com>
Sent: Monday, December 9, 2024 4:23 PM
To: Vikas Patel; Cory Lavoie; Marco Ojeda; Megan Ritsema
Subject: RE: [External] 570-209998 700152701 Sample Confirmation files from Eurofins Southwest

Vik,

Drum Composite was collected into one 8-oz jar. The sample was collected on 12/6/2024 around 3 PM.

Thanks,
Travis Knight
Project Engineer

LANGAN

Direct: 213.314.8136
Mobile: 213.952.0100

From: Vikas Patel <TALS@reports.et.eurofinsus.com>
Sent: Monday, December 9, 2024 3:06 PM
To: Cory Lavoie <clavoie@langan.com>; Marco Ojeda <mojeda@langan.com>; Megan Ritsema <mritsema@langan.com>; Travis Knight <tknight@langan.com>
Subject: [External] 570-209998 700152701 Sample Confirmation files from Eurofins Southwest

Hello,

Attached, please find the Sample Confirmation files for job 570-209998; 700152701

The sample was received on 12/6/2024 5:12 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

Receipt Exceptions:
The Chain-of-Custody (COC) was incomplete as received. The matrix, total number of containers and collection date and time are missing on the following sample: Drum Composite (570-209998-1)

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

Vikas Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494

Loc: 570
209998

eurofins | Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

570-209998 Chain of Custody

CHAIN-OF-CUSTODY RECORD

DATE: 12/6/2024
PAGE: 1 OF 1

LABORATORY CLIENT: Langan	CLIENT PROJECT NAME / NO.: 700152701
ADDRESS: 18575 Jamboree Road, suite 150	P.O. NO.:
CITY: Irvine STATE: CA ZIP: 92612	PROJECT CONTACT: Travis Knight
TEL: 949-561-9200 E-MAIL: tknight@langan.com	ECI PROJECT #: ECI PROJECT #57022480
GLOBAL ID:	LOG CODE:
	SAMPLER(S): (PRINT) Nilma Edwards

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
Perform STLC for analyte concentrations greater than 10x the STLC Limit but below the TTLC. Perform TCLP for analytic concentrations greater than 20x the TCLP Limit,

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	FIELD POINT ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	6010B/7471A CA Title 22 Metals	8015B Gas (C4-C13), Diesel (C13-C22), Oil (C23-	8260B VOCs + Oxys	8270C SVOCS	8270C SIM PAHs	8082 PCBs
	Drum composite	N/A								X	X	X			

Relinquished by: (Signature)	12/6/24 16:00	Received by: (Signature/Affiliation)	Date: 12/6/24 Time: 1600
Relinquished by: (Signature)	12/6/24 1715	Received by: (Signature/Affiliation)	Date: 12/6/24 Time: 1712
Relinquished by: (Signature)		Received by: (Signature/Affiliation)	Date: Time:

2014-07-01 Revision

1.1 / 2.1 0.8 / 1.8 5.19

12/18/2024

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-209998-1

Login Number: 209998

List Source: Eurofins Calscience

List Number: 1

Creator: Le, Sunny

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	