

Appendix D

Phase II Environmental Site Assessment for 4600 Campus Drive

SOIL VAPOR INVESTIGATION REPORT

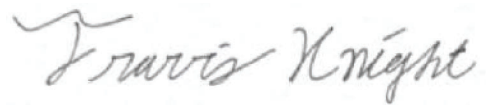
**4600 Campus Drive
IRVINE, CALIFORNIA**

Prepared For:

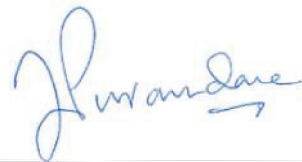
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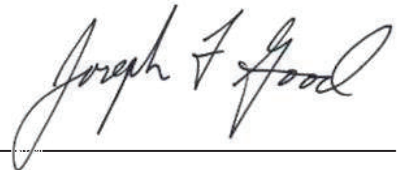
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**March 12, 2026
Langan Project No. 700184001**

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1.0 INTRODUCTION

Langan CA, Inc. (Langan) was retained by American Campus Communities (ACC, the "Client"), to conduct a soil vapor investigation at the property located at the intersection of Campus Drive and California Avenue (referred to as Site A by Client) in the City of Irvine, California (the "Site") (Figure 1). Langan understands that Client requested this investigation in support of the planned redevelopment of the Site into student housing for the University of California Irvine (UCI). The soil vapor investigation was conducted to address recognized environmental conditions (RECs) that were identified in the Phase I Environmental Site Assessment (ESA) report prepared by Langan, dated February 3, 2026.

1.1 Site Description and Background

The approximately 1.75-acre Site is located in the southwestern corner of Campus Drive and California Avenue, located on the 1,500-acre UCI campus, within the City of Irvine, California (Figure 2). The Site is described by portions of the Orange County Assessor Parcel Numbers (APNs) 120-581-18 and 120-581-04 and is owned by UCI. The Site currently includes a single-story office building with an associated asphalt parking lot and landscaping but has been unoccupied since 2022.

Surrounding land uses include university facilities and residences to the south, west, and east, and commercial properties to the north. One former dry cleaner and an active fuel service station are in the vicinity of the Site, as shown on Figure 2. Their relative locations to Site are as follows:

- Campus Gas Station located at 4601 Campus Drive, approximately 130 feet to the northeast
- Former dry cleaner located at 4537/4515 Campus Drive, approximately 430/550 feet to the northwest

As part of the due diligence for the planned redevelopment Langan conducted a Phase I ESA for the Site on behalf of the Client. The Phase I ESA identified two recognized environmental conditions (RECs) as summarized below:

- REC-1 was related to a historical release related to former underground storage tanks (USTs) associated with a gasoline service station located in close proximity of the Site. Identified subsurface impacts were remediated and the service station achieved regulatory case closure in 2012 under the Low-Threat Closure Policy (LTCP). However, the presence of total petroleum hydrocarbons in the gasoline range (TPHg) in

groundwater beneath the Site and the potential for fuel-related impacts to soil vapor was considered a REC.

- REC-2 was related to a former dry-cleaning facility (former Campus Cleaners) located at 4537 and 4515 A/B Campus Drive. Soil, soil vapor and groundwater volatile organic compound (VOC) impacts have been identified associated with historical dry-cleaning operations at both locations. Site assessment and remediation activities have been ongoing under the oversight of the Orange County Health Care Agency (OCHCA). Due to the lack of more recent soil vapor data and inadequate delineation of soil vapor between the two former drycleaner locations and the Site, and the potential for soil vapor migration from this facility, this former dry-cleaning facility is considered a REC to the Site.

Both identified RECs raise concerns of potential off-Site impacts migrating on-Site and presenting a potential vapor intrusion risk to future building occupants. The soil vapor sampling summarized in this report was conducted to evaluate whether the known off-Site soil vapor impacts have migrated on to the Site.

1.2 Local Geology and Hydrogeology

According to well construction boring logs from a 1994 site investigation conducted for 4601 Campus Drive, which included installation of a monitoring well at the subject property, soils in close vicinity of the subject property generally consisted of silty clay, clayey silt, and silty sand from ground surface to approximately 40 feet below ground surface (bgs).

Surface water bodies are not present within the boundary of the subject property. The nearest surface water bodies are a 9.27-acre freshwater pond located approximately 0.43 miles northwest and the San Diego Creek located about 0.90 miles northwest of the subject property. The nearest available groundwater measurement was obtained from a 2012 groundwater monitoring report for 4601 Campus Drive, Irvine, located in the northeast corner of the subject property. Groundwater was encountered at a depth of approximately 17.21 feet bgs on 29 March 2012 and was reported to flow toward the southwest.

2.0 SOIL VAPOR INVESTIGATION

Langan conducted the on-Site soil vapor sampling between February 26 and March 2, 2026. Four dual-nested soil vapor probes (total; of eight soil vapor probes) were installed in the locations shown on **Figure 2**. Following is a summary of the field activities.

2.1 Pre-Intrusive Activities

2.1.1 Health and Safety Plan

Langan prepared a Site-specific health and safety plan (HASP) for field investigation activities. The HASP was developed in compliance with Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1910.120(b)(4), *Hazardous Waste Operations and Emergency Response*, as well as federal, state, and local regulations applicable to the project. The HASP was maintained at the Site and implemented during the performance of the field activities.

2.1.2 Underground Utility Clearance

Langan submitted a California 811 DigAlert ticket (No. B260280725) on February 2, 2026. The responsible utility companies provided a positive markout response clearing the proposed boring locations. On February 26, 2026, Langan retained Advantage Geophysics, a geophysical contractor, to conduct a geophysical survey in the vicinity of the soil vapor probe locations prior to the commencement of field activities. Advantage Geophysics utilized a combination of magnetic, electromagnetic, active and passive frequency tracer, and ground-penetration radar technology to identify potential utility conflicts in the vicinity of the planned boring locations. Proposed borings locations were adjusted in the field to avoid identified subsurface utilities or features.

2.2 Soil Vapor Probe Installation and Sampling

On February 26, 2026, eight soil vapor probes were installed at four locations on-Site, identified as SV-1 through SV-4 on **Figure 2**. All four soil vapor locations had dual-nested probes installed at depths of 5 feet and 10 feet below the existing grade (except for SV-2 at 9 feet). The first five feet of each boring was advanced using hand augering tools as a safety measure against unidentified subsurface utilities. The remaining 4 to 5 feet of the boring was advanced using a direct-push rig, operated by ABC Liovin, under Langan's oversight.

During installation, the soil was visually observed, logged, and classified in accordance with the Unified Soil Classification System (USCS) every foot until the terminal depth was reached. In general, the soil was predominately characterized as sand with lenses of clay. Soil sampling logs and soil vapor probe construction diagrams are included in **Appendix A**.

Seven soil vapor samples, including a replicate sample at SV-2-5, were collected on March 2, 2026. Soil vapor samples were collected consistent with the July 2015 California Environmental Protection Agency (CalEPA) *Advisory for Active Soil Gas Investigations*. As required by the

guidance, the subsurface was allowed to equilibrate a minimum of 48 hours post-installation, prior to collection of the soil vapor samples. A shut-in test was performed prior to purging or sampling to verify integrity of the soil vapor probe. A minimum of three probe volumes (tubing and dry annular space) was purged prior to sample collection. During purging, the vacuum pressure was maintained below 100 inches of water. Once three well volumes had been purged, a soil vapor sample was collected into a batch certified Summa® canister. Prior to sampling, a leak-check test was performed using a gaseous tracer compound (GTC) to ensure that no pathway from the aboveground air into the subsurface soil vapor probe was present. Helium was used as the GTC and monitored within a gaseous shroud. During the leak check test, the GTC helium was either not identified or below the acceptable levels outlined in CalEPA guidance.

Soil vapor samples were individually identified, labeled, and then transported under standard chain-of-custody procedures to a certified laboratory. All soil vapor samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-15. Sampling logs are provided in **Appendix B**.

Soil vapor probe SV-4-5 could not be sampled due to the presence of water found in the probe at the time of sampling. Attempts to purge the water from the probe tubing were unsuccessful due to the excessive amount of water within the probe.

2.3 Investigation Derived Waste

Soil cuttings were stored in one 55-gallon Department of Transportation (DOT) approved steel drum. Soil cuttings were analyzed via USEPA Methods 6010B/7471A for California Title 22 Metals, USEPA Method 8015B for total petroleum hydrocarbons (TPH), and USEPA Method 8260B for VOCs. Laboratory analytical results, included in **Appendix C**, indicate VOCs and TPH were not detected above laboratory reporting limits. Trace concentrations of metals were identified. The soil cuttings generated are tentatively profiled as non-hazardous waste. The drums containing soil cuttings will be removed for offsite disposal at a later date. Documentation of the disposal will be provided once it is completed.

3.0 LABORATORY ANALYSES AND RESULTS

3.1 Laboratory Analyses

Soil vapor samples were collected in Summa® canisters by Langan field personnel and submitted to Enthalpy Analytical (National Environmental Lab Accreditation Program No. 4038) for analysis of VOCs by USEPA Method TO-15.

3.2 Analytical Results

Laboratory analytical report provided by Enthalpy Analytical are included in **Appendix C**.

One or more VOCs were detected in all the soil vapor samples. Detected VOC concentrations were compared to screening levels that were calculated using typical attenuation factors (numerical value used to estimate indoor air concentrations using soil vapor concentrations) of 0.03 (conservative) and 0.001, as recommended in California EPA 2023 guidance and DTSC 2011 guidance, respectively. These attenuation factors (AFs) were applied to the DTSC 2025 Human Health Risk Assessment Note 3 Screening Levels for residential indoor air or the USEPA 2025 Regional Screening Levels for residential air. Where both a DTSC and USEPA screening level was available, the lower of the two values was used. The screening levels for soil vapor were calculated by dividing the indoor air screening levels for each of the VOCs by the two AFs.

As mentioned earlier, one or more VOCs were reported above laboratory reporting limits in the soil vapor samples. These included 1,2,4 trimethylbenzene, 2-Hexanone (MBK), acetone, benzene, carbon disulfide, chloroform, chloromethane, dichlorodifluoromethane, ethylbenzene, methyl ethyl ketone (MEK), n-hexane, styrene, toluene, TCE, and xylenes. The analytical results for soil vapor samples are summarized in **Table 1**.

None of the detected analytes exceeded corresponding screening levels using an AF of 0.001. However, either benzene, ethylbenzene and chloroform exceeded corresponding screening levels using the conservative AF of 0.03 in soil vapors probes SV-2-5, SV-2-9, SV-3-5, and/or SV-4-10, as summarized below:

- Benzene was detected above laboratory reporting limits in four of the soil vapor samples at concentrations ranging from 2.5 to 15 $\mu\text{g}/\text{m}^3$; three of the samples exceeding or equal to the conservative screening level of 3.2 $\mu\text{g}/\text{m}^3$.
- Ethylbenzene was detected above laboratory reporting limits in five of the soil vapor samples at concentrations ranging from 21 to 53 $\mu\text{g}/\text{m}^3$; three of the samples marginally exceeding the conservative screening level of 37 $\mu\text{g}/\text{m}^3$.
- Chloroform was detected above laboratory reporting limits in four of the soil vapor samples at concentrations ranging from 3.4 to 10 $\mu\text{g}/\text{m}^3$, three of the samples exceeding the conservative screening level of 4 $\mu\text{g}/\text{m}^3$.

3.3 Discussion of Analytical Results

None of the VOC concentrations exceeded screening levels when using an attenuation factor of 0.001. However, concentrations of benzene, ethylbenzene, and chloroform exceeded screening levels in soil vapor samples from probes SV-2-5, SV-2-9, SV-3-5 and/or SV-4-10 when using the more conservative attenuation factor of 0.03.

The presence of low benzene concentrations in some of the on-Site soil vapor probes may likely be associated with residual groundwater impacts associated with the known release from the underground storage tank related to the gasoline station to the northeast and hydraulically upgradient of the Site. It is noted that the concentrations of benzene encountered in the soil vapor would result in indoor air concentrations (using an attenuation factor of 0.03) consistent with levels encountered in ambient air typical of urban environments in California.

The presence of ethylbenzene in some of the on-Site soil vapor probes is also likely associated with residual groundwater contamination migrating from the gasoline service station property located to the northeast. The detections of ethylbenzene are marginally above screening levels when using the conservative 0.03 AF.

Although chloroform concentrations marginally exceeded the conservative screening levels in three soil vapor samples, chloroform is not a chemical of concern for the historical gasoline service station release or the nearby dry-cleaner known releases. The detected chloroform concentrations are low and may likely be the result of other sources; chloroform is naturally occurring, is often present as the result of treated irrigation water and is also a known laboratory contaminant.

4.0 CONCLUSIONS

Langan performed this soil vapor investigation to help address potential vapor migration concerns associated with two identified off-Site RECs in Langan's Phase I ESA. Four dual-nested soil vapor probes were installed to evaluate the potential migration of soil vapor impacts associated with a former dry cleaners and a known underground storage tank release at a gasoline service station located in the Site vicinity.

While one or more VOCs were detected in all the soil vapor samples, none of the identified VOCs exceeded screening levels when using a 0.001 AF. However, when using a conservative AF of 0.03, benzene, ethylbenzene and chloroform exceeded the corresponding screening levels in soil vapor probes SV-2-5, SV-9, SV-3-5 and/or SV-4-10. While these constituents exceeded

conservative screening levels, the detected concentrations are unlikely to pose a vapor intrusion risk to future building occupants because of the following:

- The detected concentrations of benzene ethylbenzene and chloroform are low and marginally exceed conservative screening levels.
- Indoor air screening levels for benzene and ethylbenzene generally exceed ambient air concentrations typical of urban environments in many parts of California. Potential vapor intrusion risks from benzene detected in the on-Site vapor samples are unlikely to exceed health risks associated with typical benzene detected in ambient air.
- Benzene and ethylbenzene are petroleum hydrocarbon constituents that naturally attenuate and degrade in the subsurface over time.
- The detected chloroform concentrations are low and may likely be the result of other sources; chloroform is naturally occurring, is often present as the result of treated irrigation water and is also a known laboratory contaminant.
- The planned student housing building will include a new concrete slab that will minimize potential vapor intrusion.

Based on the soil vapor investigation results and reasons presented above, no further investigation is recommended.

5.0 DISCLAIMER

The environmental and geochemical conditions that Langan interprets to exist between sampling points will differ from those that actually exist. The user of this report recognizes that actual conditions will vary from those encountered at the locations where sampling, surveys, observations, or explorations are made by Langan and that the data, interpretation, and recommendations of Langan are based solely on the information available. Furthermore, the user of this report recognizes that passage of time, natural occurrences, and/or direct or indirect human intervention at or near the Site may substantially alter discovered conditions. Langan shall not be responsible for interpretations by others of the information it develops or provides to the user of this report.

6.0 REFERENCES

California Environmental Protection Agency (CalEPA), 2015, *Advisory - Active Soil Gas Investigations*, Accessed March 10 2026 from https://www.waterboards.ca.gov/rwqcb4/water_issues/programs/ust/docs/VI_ActiveSoilGasAdvisory_FINAL.pdf.

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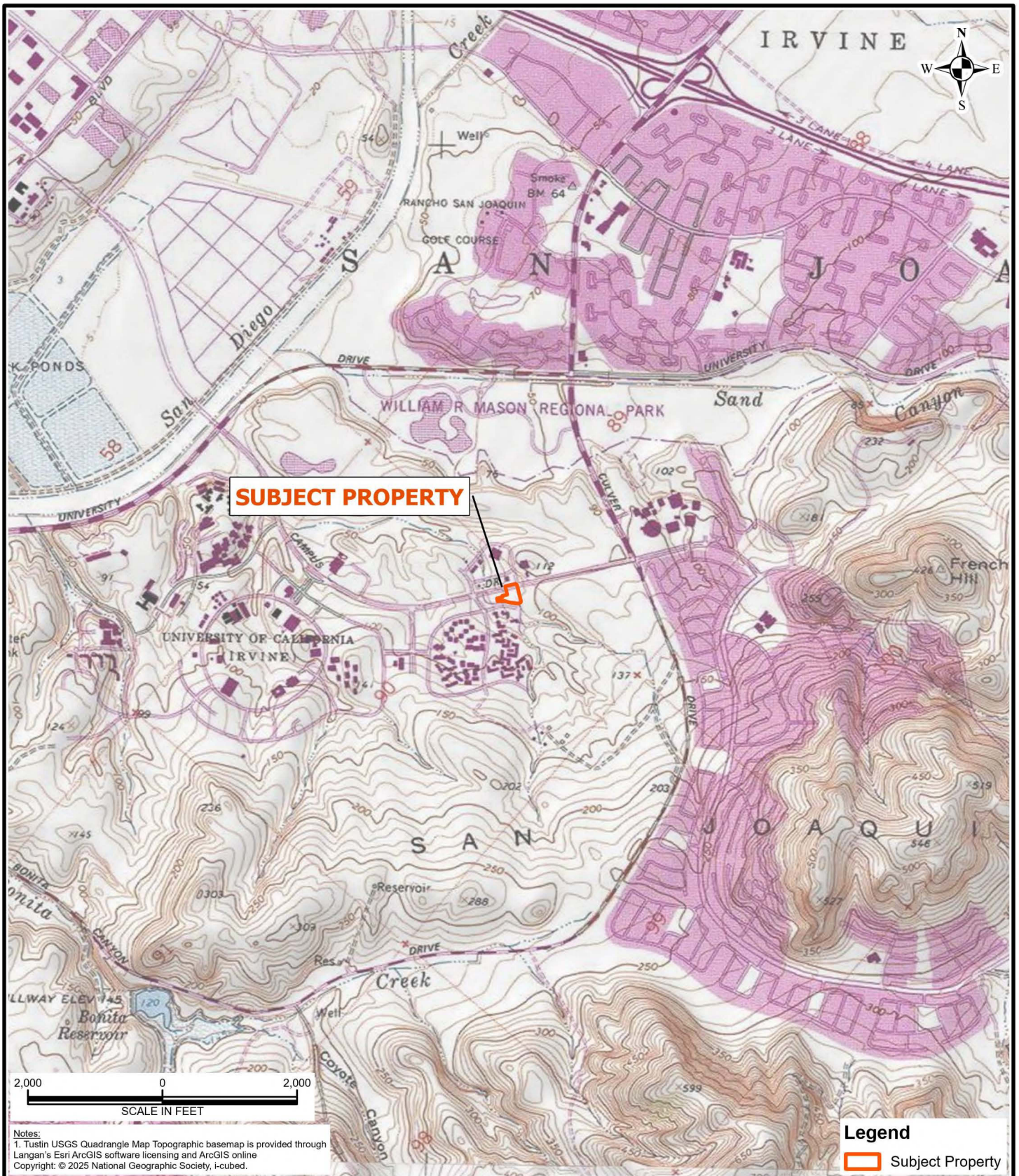
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Langan California, Inc., 2026, *Site A-University of California, Irvine, Phase I Environmental Site Assessment*, February 3, 2026.

United States Environmental Protection Agency (USEPA), 2024, *Regional Screening Level (RSL) Summary Table*, Accessed March 10 2026 from <https://semspub.epa.gov/work/HQ/405269.pdf>

FIGURES



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Project

**UCI
 CAMPUS DRIVE**
 IRVINE CITY

ORANGE COUNTY

CALIFORNIA

Figure Title

**SUBJECT
 PROPERTY
 LOCATION MAP**

Project No.

700184001

Date

11/24/2025

Scale

1"=2,000 feet

Drawn By

JM

Figure

1



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Project

UCI
CAMPUS DRIVE
IRVINE CITY

ORANGE COUNTY

CALIFORNIA

Figure Title

SOIL VAPOR
PROBE
LOCATIONS

Project No.

700184001

Date

3/11/2026

Scale

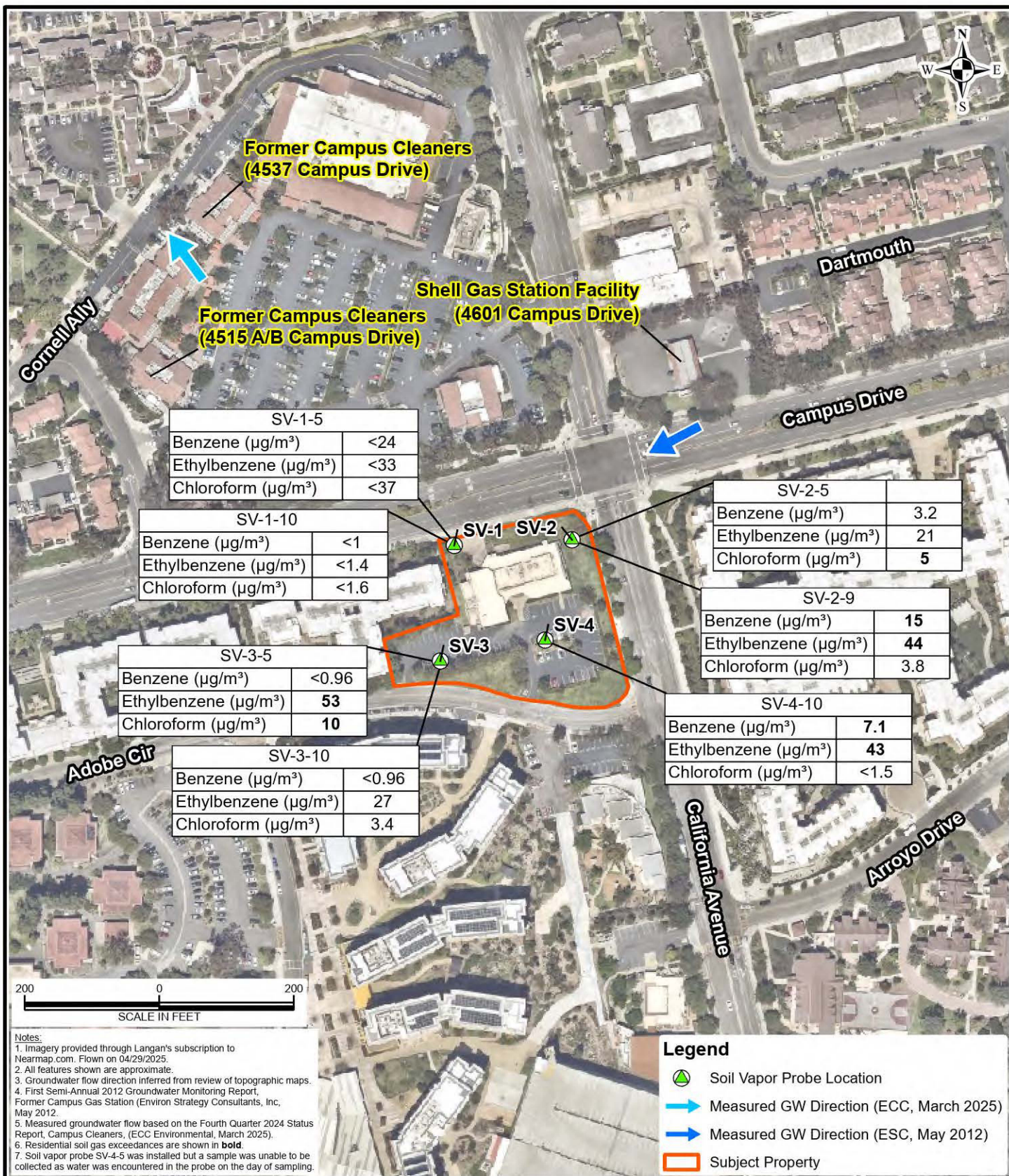
1"=200 feet

Drawn By

JM

Figure

2



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Project

**UCI
CAMPUS DRIVE**
IRVINE CITY

ORANGE COUNTY

CALIFORNIA

Figure Title

**SOIL VAPOR
RESULTS**

Project No.

700184001

Date

3/5/2026

Scale

1"=200 feet

Drawn By

JM

Figure

3

TABLE

Table 1
Summary of Soil Gas Results
UCI - Campus Drive Site A
Irvine, CA

Analyte	CAS Number	Site-Specific Residential Soil Vapor - AF 0.03	Site-Specific Residential Soil Vapor - AF 0.001	Location	SV-1	SV-1	SV-2	SV-2	SV-2	SV-3	SV-3	SV-4
				Sample Name	SV-1-5_20260302	SV-1-10_20260302	SV-2-5_20260302	DUP_20260302	SV-2-9_20260302	SV-3-5_20260302	SV-3-10_20260302	SV-4-10_20260302
				Sample Date	03/02/2026	03/02/2026	03/02/2026	03/02/2026	03/02/2026	03/02/2026	03/02/2026	
				Sample Depth	5-5	10-10	5-5	5-5	9-9	5-5	10-10	10-10
Unit	Result	Result	Result	Result	Result	Result	Result	Result				
Volatile Organic Compounds												
1,1,1,2-Tetrachloroethane	630-20-6	13	380	ug/m3	<52 U	<2.2 U	<2.1 U	<2.1 U	<3.3 U	<2.1 U	<2.1 U	<2.1 U
1,1,1-Trichloroethane	71-55-6	33000	1000000	ug/m3	<41 U	<1.7 U	<1.6 U	<1.6 U	<2.6 U	<1.6 U	<1.6 U	<1.6 U
1,1,2,2-Tetrachloroethane	79-34-5	1.6	48	ug/m3	<52 U	<2.2 U	<2.1 U	<2.1 U	<3.3 U	<2.1 U	<2.1 U	<2.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	170000	5200000	ug/m3	<58 U	<2.4 U	<2.3 U	<2.3 U	<3.7 U	<2.3 U	<2.3 U	<2.3 U
1,1,2-Trichloroethane	79-00-5	6	180	ug/m3	<41 U	<1.7 U	<1.6 U	<1.6 U	<2.6 U	<1.6 U	<1.6 U	<1.6 U
1,1-Dichloroethane	75-34-3	58	1800	ug/m3	<30 U	<1.3 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
1,1-Dichloroethene	75-35-4	140	4100	ug/m3	<30 U	<1.3 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
1,1-Difluoroethane	75-37-6	1400000	42000000	ug/m3	<100 U	<4.3 U	<4.1 U	<4.1 U	<6.5 U	<4.1 U	<4.1 U	<4.1 U
1,2,4-Trichlorobenzene	120-82-1	13	380	ug/m3	<56 U	<2.4 U	<2.2 U	<2.2 U	<3.6 U	<2.2 U	<2.2 U	<2.2 U
1,2,4-Trimethylbenzene	95-63-6	2100	63000	ug/m3	<37 U	<1.6 U	<1.5 U	<1.5 U	<2.4 U	2.2	1.7	<1.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.16	4.7	ug/m3	<58 U	<2.4 U	<2.3 U	<2.3 U	<3.7 U	<2.3 U	<2.3 U	<2.3 U
1,2-Dichlorobenzene	95-50-1	7000	210000	ug/m3	<45 U	<1.9 U	<1.8 U	<1.8 U	<2.9 U	<1.8 U	<1.8 U	<1.8 U
1,2-Dichloroethane	107-06-2	3.7	110	ug/m3	<30 U	<1.3 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
1,2-Dichloropropane	78-87-5	25	760	ug/m3	<35 U	<1.5 U	<1.4 U	<1.4 U	<2.2 U	<1.4 U	<1.4 U	<1.4 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	NS	ug/m3	<53 U	<2.2 U	<2.1 U	<2.1 U	<3.4 U	<2.1 U	<2.1 U	<2.1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	2100	63000	ug/m3	<37 U	<1.6 U	<1.5 U	<1.5 U	<2.4 U	<1.5 U	<1.5 U	<1.5 U
1,3-Dichlorobenzene	541-73-1	NS	NS	ug/m3	<45 U	<1.9 U	<1.8 U	<1.8 U	<2.9 U	<1.8 U	<1.8 U	<1.8 U
1,4-Dichlorobenzene	106-46-7	8.7	260	ug/m3	<45 U	<1.9 U	<1.8 U	<1.8 U	<2.9 U	<1.8 U	<1.8 U	<1.8 U
2-Hexanone (MBK)	591-78-6	1000	31000	ug/m3	<77 U	<3.3 U	<3.1 U	<3.1 U	<4.9 U	<3.1 U	<3.1 U	4.5
4-Ethyltoluene	622-96-8	NS	NS	ug/m3	<37 U	<1.6 U	<1.5 U	<1.5 U	<2.4 U	<1.5 U	<1.5 U	<1.5 U
Acetone	67-64-1	NS	NS	ug/m3	<89 U	27	5.5	4.4	<5.7 U	23	28	27
Benzene	71-43-2	3.2	97	ug/m3	<24 U	<1 U	3.2	2.5	15	<0.96 U	<0.96 U	7.1
Benzyl Chloride	100-44-7	1.9	57	ug/m3	<39 U	<1.6 U	<1.6 U	<1.6 U	<2.5 U	<1.6 U	<1.6 U	<1.6 U
Bromodichloromethane	75-27-4	2.5	76	ug/m3	<50 U	<2.1 U	<2 U	<2 U	<3.2 U	<2 U	<2 U	<2 U
Bromoform	75-25-2	85	2600	ug/m3	<78 U	<3.3 U	<3.1 U	<3.1 U	<5 U	<3.1 U	<3.1 U	<3.1 U
Bromomethane	74-83-9	170	5200	ug/m3	<29 U	<1.2 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
Carbon Disulfide	75-15-0	24000	730000	ug/m3	23	<0.99 U	18	10	44	1.6	5	20
Carbon Tetrachloride	56-23-5	16	470	ug/m3	<47 U	<2 U	<1.9 U	<1.9 U	<3 U	<1.9 U	<1.9 U	<1.9 U
Chlorobenzene	108-90-7	1700	52000	ug/m3	<35 U	<1.5 U	<1.4 U	<1.4 U	<2.2 U	<1.4 U	<1.4 U	<1.4 U
Chloroethane	75-00-3	140000	4200000	ug/m3	<20 U	<0.84 U	<0.79 U	<0.79 U	<1.3 U	<0.79 U	<0.8 U	<0.8 U
Chloroform	67-66-3	4	120	ug/m3	<37 U	<1.6 U	5	6.1	3.8	10	3.4	<1.5 U
Chloromethane	74-87-3	3100	94000	ug/m3	<16 U	1.4	<0.62 U	<0.62 U	<0.99 U	<0.62 U	<0.62 U	<0.62 U
Cis-1,2-Dichloroethene	156-59-2	1400	42000	ug/m3	<30 U	<1.3 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	ug/m3	<34 U	<1.4 U	<1.4 U	<1.4 U	<2.2 U	<1.4 U	<1.4 U	<1.4 U
Dibromochloromethane	124-48-1	4.3	130	ug/m3	<64 U	<2.7 U	<2.6 U	<2.6 U	<4.1 U	<2.6 U	<2.6 U	<2.6 U
Dichlorodifluoromethane	75-71-8	3500	100000	ug/m3	<37 U	1.6	1.8	1.7	2.7	<1.5 U	<1.5 U	1.6
Ethylbenzene	100-41-4	37	1100	ug/m3	<33 U	<1.4 U	21	20	44	53	27	43
Hexachlorobutadiene	87-68-3	4.3	130	ug/m3	<80 U	<3.4 U	<3.2 U	<3.2 U	<5.1 U	<3.2 U	<3.2 U	<3.2 U
Isopropanol	67-63-0	7000	210000	ug/m3	<92 U	<3.9 U	<3.7 U	<3.7 U	<5.9 U	<3.7 U	<3.7 U	<3.7 U
M, P-Xylene	179601-23-1	NS	NS	ug/m3	<65 U	3.6	15	19	100	200	120	69
Methyl Ethyl Ketone (2-Butanone)	78-93-3	170000	5200000	ug/m3	<110 U	16	5.6	<4.4 U	15	9.4	17	28
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	100000	3100000	ug/m3	<31 U	<1.3 U	<1.2 U	<1.2 U	<2 U	<1.2 U	<1.2 U	<1.2 U
Methylene Chloride	75-09-2	33	1000	ug/m3	<26 U	<1.1 U	<1 U	<1 U	<1.7 U	<1 U	<1 U	<1 U
n-Hexane	110-54-3	24000	730000	ug/m3	<27 U	3.1	17	5.7	220	1.1	1.4	35
o-Xylene (1,2-Dimethylbenzene)	95-47-6	3500	100000	ug/m3	<33 U	<1.4 U	25	27	48	130	82	50
Styrene	100-42-5	31000	940000	ug/m3	<32 U	<1.4 U	<1.3 U	<1.3 U	2.6	<1.3 U	<1.3 U	1.4
Tert-Butyl Methyl Ether (MTBE)	1634-04-4	360	11000	ug/m3	<27 U	<1.1 U	<1.1 U	<1.1 U	<1.7 U	<1.1 U	<1.1 U	<1.1 U
Tetrachloroethene (PCE)	127-18-4	15	460	ug/m3	<51 U	<2.2 U	<2 U	<2 U	<3.3 U	<2 U	<2 U	<2 U
Toluene	108-88-3	15000	440000	ug/m3	33	2.8	21	18	47	14	7.3	24
Total Xylenes	1330-20-7	3500	100000	ug/m3	<33 U	3.6	39	45	150	330	200	120
Trans-1,2-Dichloroethene	156-60-5	1400	42000	ug/m3	<30 U	<1.3 U	<1.2 U	<1.2 U	<1.9 U	<1.2 U	<1.2 U	<1.2 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	ug/m3	<34 U	<1.4 U	<1.4 U	<1.4 U	<2.2 U	<1.4 U	<1.4 U	<1.4 U
Trichloroethene (TCE)	79-01-6	16	480	ug/m3	<40 U	<1.7 U	<1.6 U	<1.6 U	4.3	<1.6 U	3.5	5.1
Trichlorofluoromethane	75-69-4	43000	1300000	ug/m3	<42 U	<1.8 U	<1.7 U	<1.7 U	<2.7 U	<1.7 U	<1.7 U	<1.7 U
Vinyl Acetate	108-05-4	7000	210000	ug/m3	<130 U	<5.6 U	<5.3 U	<5.3 U	<8.5 U	<5.3 U	<5.3 U	<5.3 U
Vinyl Chloride	75-01-4	0.32	9.5	ug/m3	<19 U	<0.81 U	<0.77 U	<0.77 U	<1.2 U	<0.77 U	<0.77 U	<0.77 U

Table 1
Summary of Soil Gas Results
UCI - Campus Drive Site A
Irvine, CA

Notes:
Soil Vapor results were compared to Site-Specific Screening levels comprised of the minimum of EPA Residential Air RSL, THQ 1.0, TR 1E-06 (Nov 2024) and CA DTSC Screening Level for Residential Air, Lower of Cancer and Noncancer Values (April 2025) with an Attenuation Factor of 0.03 and 0.001 applied.
Soil vapor probe SV-4-5 was installed but a sample was unable to be collected as water was encountered in the probe on the day of sampling.
EPA - Environmental Protection Agency
RSL - Regional Screening Level
TR - Target cancer risk
THQ - Target hazard quotient
DTSC - Department of Toxic Substance Control
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - Micrograms per cubic meter
NA - Not Analyzed
RL - Reporting Limit
<RL - Not detected

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

Exceedance Summary:

10	- Result exceeds Residential Soil Vapor - AF 0.03
10	- Result exceeds Residential Soil Vapor - AF 0.001

APPENDIX A

BORING LOGS AND PROBE CONSTRUCTION DIAGRAM

Written field notes in Appendix A through Appendix C can be found at University of California's website at: <https://planningandsustainability.uci.edu/environmental/review.php>

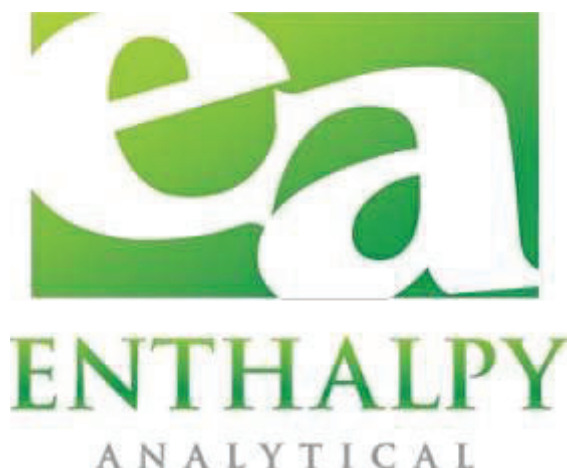
The full Phase II ESA is also available for review at Campus Planning and Sustainability, Aldrich Hall by appointment only. Please contact Lindsey Hashimoto at hashimol@uci.edu to schedule an appointment.

APPENDIX B

SAMPLING LOGS

APPENDIX C

LABORATORY ANALYTICAL REPORTS



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 554590
Report Level : II
Report Date : 03/03/2026

Analytical Report *prepared for:*

Travis Knight
LANGAN
18575 Jamboree Road
Suite 150
Irvine, CA 92612

Location: UCI Campus Drive 700184001

Authorized for release by:

Richard Villafania, Project Manager
richard.villafania@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Travis Knight
LANGAN
18575 Jamboree
Road
Suite 150
Irvine, CA 92612

Lab Job #: 554590
Location: UCI Campus Drive 700184001
Date Received: 03/02/26

Sample ID	Lab ID	Collected	Matrix
SV-1-5	554590-001	03/02/26 13:45	Air
SV-1-10	554590-002	03/02/26 14:08	Air
SV-3-5	554590-003	03/02/26 11:37	Air
SV-3-10	554590-004	03/02/26 12:08	Air
SV-4-10	554590-005	03/02/26 13:04	Air
SV-2-5	554590-006	03/02/26 15:40	Air
SV-2-9	554590-007	03/02/26 16:40	Air
DUP	554590-008	03/02/26 00:00	Air

Case Narrative

LANGAN	Lab Job Number: 554590
18575 Jamboree Road	Location: UCI Campus Drive
Suite 150	700184001
Irvine, CA 92612	Date Received: 03/02/26
Travis Knight	

This data package contains sample and QC results for eight air samples, requested for the above referenced project on 03/02/26. The samples were received in good condition.

Volatile Organics in Air by MS (EPA TO-15):

- High recovery was observed for benzyl chloride in the BSD for batch 396886; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated sample.
- SV-1-5 (lab # 554590-001) was diluted due to high non-target analytes.
- No other analytical problems were encountered.

Analysis Results for 554590

Travis Knight
LANGAN
18575 Jamboree Road
Suite 150
Irvine, CA 92612

Lab Job #: 554590
Location: UCI Campus Drive 700184001
Date Received: 03/02/26

Sample ID: SV-1-5

Lab ID: 554590-001

Collected: 03/02/26 13:45

Matrix: Air

554590-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	38	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1-Difluoroethane	ND		ug/m3	100	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 12	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 12	ND		ug/m3	37	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 114	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 114	ND		ug/m3	53	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloromethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloromethane	ND		ug/m3	16	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Vinyl Chloride	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Vinyl Chloride	ND		ug/m3	19	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromomethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromomethane	ND		ug/m3	29	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloroethane	ND		ug/m3	20	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Trichlorofluoromethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Trichlorofluoromethane	ND		ug/m3	42	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1-Dichloroethene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1-Dichloroethene	ND		ug/m3	30	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 113	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Freon 113	ND		ug/m3	58	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Acetone	ND		ppbv	38	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Acetone	ND		ug/m3	89	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Carbon Disulfide	7.5		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Carbon Disulfide	23		ug/m3	23	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Isopropanol (IPA)	ND		ppbv	38	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Isopropanol (IPA)	ND		ug/m3	92	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Methylene Chloride	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Methylene Chloride	ND		ug/m3	26	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	30	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
MTBE	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
MTBE	ND		ug/m3	27	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
n-Hexane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
n-Hexane	ND		ug/m3	27	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1-Dichloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1-Dichloroethane	ND		ug/m3	30	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Vinyl Acetate	ND		ppbv	38	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Vinyl Acetate	ND		ug/m3	130	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	30	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ

Analysis Results for 554590

554590-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Butanone	ND		ppbv	38	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
2-Butanone	ND		ug/m3	110	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloroform	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chloroform	ND		ug/m3	37	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,1-Trichloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	41	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Carbon Tetrachloride	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Carbon Tetrachloride	ND		ug/m3	47	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Benzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Benzene	ND		ug/m3	24	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichloroethane	ND		ug/m3	30	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Trichloroethene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Trichloroethene	ND		ug/m3	40	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichloropropane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichloropropane	ND		ug/m3	35	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromodichloromethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromodichloromethane	ND		ug/m3	50	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	34	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	31	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Toluene	8.8		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Toluene	33		ug/m3	28	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	34	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,2-Trichloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	41	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Tetrachloroethene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Tetrachloroethene	ND		ug/m3	51	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
2-Hexanone	ND		ppbv	19	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
2-Hexanone	ND		ug/m3	77	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Dibromochloromethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Dibromochloromethane	ND		ug/m3	64	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dibromoethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dibromoethane	ND		ug/m3	58	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chlorobenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Chlorobenzene	ND		ug/m3	35	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Ethylbenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Ethylbenzene	ND		ug/m3	33	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
m,p-Xylenes	ND		ppbv	15	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
m,p-Xylenes	ND		ug/m3	65	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
o-Xylene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
o-Xylene	ND		ug/m3	33	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Styrene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Styrene	ND		ug/m3	32	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromoform	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Bromoform	ND		ug/m3	78	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	52	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	52	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ

Analysis Results for 554590

554590-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
4-Ethyltoluene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
4-Ethyltoluene	ND		ug/m3	37	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	37	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	37	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,3-Dichlorobenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	45	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,4-Dichlorobenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	45	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Benzyl chloride	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Benzyl chloride	ND		ug/m3	39	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichlorobenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	45	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	56	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Hexachlorobutadiene	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Hexachlorobutadiene	ND		ug/m3	80	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Xylene (total)	ND		ppbv	7.5	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Xylene (total)	ND		ug/m3	33	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ
Surrogates				Limits					
Bromofluorobenzene	99%		%REC	60-140	38	396887	03/03/26 11:36	03/03/26 11:36	ZNZ

Analysis Results for 554590

Sample ID: SV-1-10
Lab ID: 554590-002
Collected: 03/02/26 14:08
Matrix: Air

554590-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 12	0.32		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 12	1.6		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 114	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 114	ND		ug/m3	2.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloromethane	0.68		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloromethane	1.4		ug/m3	0.66	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Vinyl Chloride	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Vinyl Chloride	ND		ug/m3	0.81	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromomethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromomethane	ND		ug/m3	1.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloroethane	ND		ug/m3	0.84	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Trichlorofluoromethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.8	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1-Dichloroethene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 113	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Freon 113	ND		ug/m3	2.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Acetone	11		ppbv	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Acetone	27		ug/m3	3.8	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Carbon Disulfide	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Carbon Disulfide	ND		ug/m3	0.99	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Isopropanol (IPA)	ND		ppbv	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.9	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Methylene Chloride	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Methylene Chloride	ND		ug/m3	1.1	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
MTBE	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
MTBE	ND		ug/m3	1.1	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
n-Hexane	0.89		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
n-Hexane	3.1		ug/m3	1.1	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1-Dichloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Vinyl Acetate	ND		ppbv	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Vinyl Acetate	ND		ug/m3	5.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
2-Butanone	5.3		ppbv	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
2-Butanone	16		ug/m3	4.7	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloroform	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chloroform	ND		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ

Analysis Results for 554590

554590-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.7	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Carbon Tetrachloride	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.0	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Benzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Benzene	ND		ug/m3	1.0	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Trichloroethene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Trichloroethene	ND		ug/m3	1.7	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichloropropane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.5	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromodichloromethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromodichloromethane	ND		ug/m3	2.1	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Toluene	0.75		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Toluene	2.8		ug/m3	1.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.7	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Tetrachloroethene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Tetrachloroethene	ND		ug/m3	2.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
2-Hexanone	ND		ppbv	0.79	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
2-Hexanone	ND		ug/m3	3.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Dibromochloromethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Dibromochloromethane	ND		ug/m3	2.7	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dibromoethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chlorobenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Chlorobenzene	ND		ug/m3	1.5	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Ethylbenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Ethylbenzene	ND		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
m,p-Xylenes	0.82		ppbv	0.64	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
m,p-Xylenes	3.6		ug/m3	2.8	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
o-Xylene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
o-Xylene	ND		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Styrene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Styrene	ND		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromoform	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Bromoform	ND		ug/m3	3.3	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.2	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
4-Ethyltoluene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
4-Ethyltoluene	ND		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ

Analysis Results for 554590

554590-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	ND		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.9	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.9	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Benzyl chloride	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.9	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Hexachlorobutadiene	ND		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Xylene (total)	0.82		ppbv	0.32	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Xylene (total)	3.6		ug/m3	1.4	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ
Surrogates			Limits						
Bromofluorobenzene	100%		%REC	60-140	1.6	396887	03/03/26 15:45	03/03/26 15:45	ZNZ

Analysis Results for 554590

Sample ID: SV-3-5
Lab ID: 554590-003
Collected: 03/02/26 11:37
Matrix: Air

554590-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 12	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 12	ND		ug/m3	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 114	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloroethane	ND		ug/m3	0.79	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 113	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Acetone	9.5		ppbv	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Acetone	23		ug/m3	3.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Carbon Disulfide	0.51		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Carbon Disulfide	1.6		ug/m3	0.94	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Methylene Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Methylene Chloride	ND		ug/m3	1.0	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
MTBE	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
MTBE	ND		ug/m3	1.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
n-Hexane	0.33		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
n-Hexane	1.1		ug/m3	1.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
2-Butanone	3.2		ppbv	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
2-Butanone	9.4		ug/m3	4.4	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloroform	2.1		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chloroform	10		ug/m3	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ

Analysis Results for 554590

554590-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Benzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Benzene	ND		ug/m3	0.96	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Trichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Trichloroethene	ND		ug/m3	1.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Toluene	3.8		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Toluene	14		ug/m3	1.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Tetrachloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Tetrachloroethene	ND		ug/m3	2.0	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Ethylbenzene	12		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Ethylbenzene	53		ug/m3	1.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
m,p-Xylenes	46		ppbv	0.60	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
m,p-Xylenes	200		ug/m3	2.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
o-Xylene	30		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
o-Xylene	130		ug/m3	1.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Styrene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Styrene	ND		ug/m3	1.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromoform	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
4-Ethyltoluene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
4-Ethyltoluene	ND		ug/m3	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2,4-Trimethylbenzene	0.44		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ

Analysis Results for 554590

554590-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	2.2		ug/m3	1.5	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Xylene (total)	76		ppbv	0.30	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Xylene (total)	330		ug/m3	1.3	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ
Surrogates				Limits					
Bromofluorobenzene	99%		%REC	60-140	1.5	396887	03/03/26 12:35	03/03/26 12:35	ZNZ

Analysis Results for 554590

Sample ID: SV-3-10
Lab ID: 554590-004
Collected: 03/02/26 12:08
Matrix: Air

554590-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 12	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 12	ND		ug/m3	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 114	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloroethane	ND		ug/m3	0.80	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 113	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Acetone	12		ppbv	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Acetone	28		ug/m3	3.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Carbon Disulfide	1.6		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Carbon Disulfide	5.0		ug/m3	0.94	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Methylene Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Methylene Chloride	ND		ug/m3	1.0	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
MTBE	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
MTBE	ND		ug/m3	1.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
n-Hexane	0.39		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
n-Hexane	1.4		ug/m3	1.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
2-Butanone	5.8		ppbv	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
2-Butanone	17		ug/m3	4.4	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloroform	0.70		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chloroform	3.4		ug/m3	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ

Analysis Results for 554590

554590-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Benzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Benzene	ND		ug/m3	0.96	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Trichloroethene	0.65		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Trichloroethene	3.5		ug/m3	1.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Toluene	1.9		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Toluene	7.3		ug/m3	1.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Tetrachloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Tetrachloroethene	ND		ug/m3	2.0	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Ethylbenzene	6.2		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Ethylbenzene	27		ug/m3	1.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
m,p-Xylenes	27		ppbv	0.60	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
m,p-Xylenes	120		ug/m3	2.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
o-Xylene	19		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
o-Xylene	82		ug/m3	1.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Styrene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Styrene	ND		ug/m3	1.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromoform	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
4-Ethyltoluene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
4-Ethyltoluene	ND		ug/m3	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2,4-Trimethylbenzene	0.35		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ

Analysis Results for 554590

554590-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	1.7		ug/m3	1.5	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Xylene (total)	46		ppbv	0.30	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Xylene (total)	200		ug/m3	1.3	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ
Surrogates				Limits					
Bromofluorobenzene	99%		%REC	60-140	1.5	396887	03/03/26 13:07	03/03/26 13:07	ZNZ

Analysis Results for 554590

Sample ID: SV-4-10
Lab ID: 554590-005
Collected: 03/02/26 13:04
Matrix: Air

554590-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 12	0.32		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 12	1.6		ug/m3	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 114	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloroethane	ND		ug/m3	0.80	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 113	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Acetone	11		ppbv	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Acetone	27		ug/m3	3.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Carbon Disulfide	6.3		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Carbon Disulfide	20		ug/m3	0.94	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Methylene Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Methylene Chloride	ND		ug/m3	1.0	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
MTBE	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
MTBE	ND		ug/m3	1.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
n-Hexane	9.9		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
n-Hexane	35		ug/m3	1.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
2-Butanone	9.3		ppbv	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
2-Butanone	28		ug/m3	4.4	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloroform	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chloroform	ND		ug/m3	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ

Analysis Results for 554590

554590-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Benzene	2.2		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Benzene	7.1		ug/m3	0.96	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Trichloroethene	0.96		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Trichloroethene	5.1		ug/m3	1.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Toluene	6.4		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Toluene	24		ug/m3	1.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Tetrachloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Tetrachloroethene	ND		ug/m3	2.0	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
2-Hexanone	1.1		ppbv	0.75	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
2-Hexanone	4.5		ug/m3	3.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Ethylbenzene	10		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Ethylbenzene	43		ug/m3	1.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
m,p-Xylenes	16		ppbv	0.60	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
m,p-Xylenes	69		ug/m3	2.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
o-Xylene	11		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
o-Xylene	50		ug/m3	1.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Styrene	0.32		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Styrene	1.4		ug/m3	1.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromoform	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
4-Ethyltoluene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
4-Ethyltoluene	ND		ug/m3	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ

Analysis Results for 554590

554590-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Xylene (total)	27		ppbv	0.30	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Xylene (total)	120		ug/m3	1.3	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ
Surrogates				Limits					
Bromofluorobenzene	100%		%REC	60-140	1.5	396887	03/03/26 13:40	03/03/26 13:40	ZNZ

Analysis Results for 554590

Sample ID: SV-2-5
Lab ID: 554590-006
Collected: 03/02/26 15:40
Matrix: Air

554590-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 12	0.37		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 12	1.8		ug/m3	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 114	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloroethane	ND		ug/m3	0.79	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 113	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Acetone	2.3		ppbv	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Acetone	5.5		ug/m3	3.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Carbon Disulfide	5.7		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Carbon Disulfide	18		ug/m3	0.94	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Methylene Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Methylene Chloride	ND		ug/m3	1.0	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
MTBE	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
MTBE	ND		ug/m3	1.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
n-Hexane	4.9		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
n-Hexane	17		ug/m3	1.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
2-Butanone	1.9		ppbv	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
2-Butanone	5.6		ug/m3	4.4	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloroform	1.0		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chloroform	5.0		ug/m3	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ

Analysis Results for 554590

554590-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Benzene	1.0		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Benzene	3.2		ug/m3	0.96	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Trichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Trichloroethene	ND		ug/m3	1.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Toluene	5.5		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Toluene	21		ug/m3	1.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Tetrachloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Tetrachloroethene	ND		ug/m3	2.0	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Ethylbenzene	4.9		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Ethylbenzene	21		ug/m3	1.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
m,p-Xylenes	3.4		ppbv	0.60	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
m,p-Xylenes	15		ug/m3	2.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
o-Xylene	5.7		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
o-Xylene	25		ug/m3	1.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Styrene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Styrene	ND		ug/m3	1.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromoform	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
4-Ethyltoluene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
4-Ethyltoluene	ND		ug/m3	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ

Analysis Results for 554590

554590-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Xylene (total)	9.0		ppbv	0.30	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Xylene (total)	39		ug/m3	1.3	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ
Surrogates				Limits					
Bromofluorobenzene	101%		%REC	60-140	1.5	396887	03/03/26 14:13	03/03/26 14:13	ZNZ

Analysis Results for 554590

Sample ID: SV-2-9
Lab ID: 554590-007
Collected: 03/02/26 16:40
Matrix: Air

554590-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1-Difluoroethane	ND		ug/m3	6.5	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 12	0.55		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 12	2.7		ug/m3	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 114	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 114	ND		ug/m3	3.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloromethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloromethane	ND		ug/m3	0.99	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Vinyl Chloride	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Vinyl Chloride	ND		ug/m3	1.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromomethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromomethane	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloroethane	ND		ug/m3	1.3	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Trichlorofluoromethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1-Dichloroethene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 113	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Freon 113	ND		ug/m3	3.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Acetone	ND		ppbv	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Acetone	ND		ug/m3	5.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Carbon Disulfide	14		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Carbon Disulfide	44		ug/m3	1.5	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Isopropanol (IPA)	ND		ppbv	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Isopropanol (IPA)	ND		ug/m3	5.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Methylene Chloride	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Methylene Chloride	ND		ug/m3	1.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
MTBE	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
MTBE	ND		ug/m3	1.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
n-Hexane	63		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
n-Hexane	220		ug/m3	1.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1-Dichloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Vinyl Acetate	ND		ppbv	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Vinyl Acetate	ND		ug/m3	8.5	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
2-Butanone	4.9		ppbv	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
2-Butanone	15		ug/m3	7.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloroform	0.78		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chloroform	3.8		ug/m3	2.3	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ

Analysis Results for 554590

554590-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	2.6	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Carbon Tetrachloride	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Carbon Tetrachloride	ND		ug/m3	3.0	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Benzene	4.7		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Benzene	15		ug/m3	1.5	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Trichloroethene	0.79		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Trichloroethene	4.3		ug/m3	2.6	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichloropropane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichloropropane	ND		ug/m3	2.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromodichloromethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromodichloromethane	ND		ug/m3	3.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	2.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	2.0	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Toluene	13		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Toluene	47		ug/m3	1.8	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	2.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.6	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Tetrachloroethene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Tetrachloroethene	ND		ug/m3	3.3	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
2-Hexanone	ND		ppbv	1.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
2-Hexanone	ND		ug/m3	4.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Dibromochloromethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Dibromochloromethane	ND		ug/m3	4.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dibromoethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.7	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chlorobenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Chlorobenzene	ND		ug/m3	2.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Ethylbenzene	10		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Ethylbenzene	44		ug/m3	2.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
m,p-Xylenes	24		ppbv	0.96	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
m,p-Xylenes	100		ug/m3	4.2	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
o-Xylene	11		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
o-Xylene	48		ug/m3	2.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Styrene	0.61		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Styrene	2.6		ug/m3	2.0	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromoform	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Bromoform	ND		ug/m3	5.0	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	3.3	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	3.3	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
4-Ethyltoluene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
4-Ethyltoluene	ND		ug/m3	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ

Analysis Results for 554590

554590-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	ND		ug/m3	2.4	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Benzyl chloride	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Benzyl chloride	ND		ug/m3	2.5	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.9	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.6	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Hexachlorobutadiene	ND		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Hexachlorobutadiene	ND		ug/m3	5.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Xylene (total)	35		ppbv	0.48	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Xylene (total)	150		ug/m3	2.1	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ
Surrogates				Limits					
Bromofluorobenzene	97%		%REC	60-140	2.4	396886	03/03/26 16:06	03/03/26 16:06	ZNZ

Analysis Results for 554590

Sample ID: DUP
Lab ID: 554590-008
Collected: 03/02/26
Matrix: Air

554590-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15									
Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 12	0.35		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 12	1.7		ug/m3	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 114	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloroethane	ND		ug/m3	0.79	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 113	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Acetone	1.8		ppbv	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Acetone	4.4		ug/m3	3.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Carbon Disulfide	3.4		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Carbon Disulfide	10		ug/m3	0.93	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Methylene Chloride	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Methylene Chloride	ND		ug/m3	1.0	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
MTBE	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
MTBE	ND		ug/m3	1.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
n-Hexane	1.6		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
n-Hexane	5.7		ug/m3	1.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
2-Butanone	ND		ppbv	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
2-Butanone	ND		ug/m3	4.4	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloroform	1.3		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chloroform	6.1		ug/m3	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ

Analysis Results for 554590

554590-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Benzene	0.79		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Benzene	2.5		ug/m3	0.96	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Trichloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Trichloroethene	ND		ug/m3	1.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Toluene	4.7		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Toluene	18		ug/m3	1.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Tetrachloroethene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Tetrachloroethene	ND		ug/m3	2.0	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Ethylbenzene	4.6		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Ethylbenzene	20		ug/m3	1.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
m,p-Xylenes	4.3		ppbv	0.60	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
m,p-Xylenes	19		ug/m3	2.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
o-Xylene	6.1		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
o-Xylene	27		ug/m3	1.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Styrene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Styrene	ND		ug/m3	1.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromoform	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
4-Ethyltoluene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
4-Ethyltoluene	ND		ug/m3	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ

Analysis Results for 554590

554590-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trimethylbenzene	ND		ug/m3	1.5	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Xylene (total)	10		ppbv	0.30	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Xylene (total)	45		ug/m3	1.3	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ
Surrogates				Limits					
Bromofluorobenzene	101%		%REC	60-140	1.5	396887	03/03/26 15:12	03/03/26 15:12	ZNZ

ND Not Detected

Batch QC

Type: Lab Control Sample	Lab ID: QC1345936	Batch: 396886
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345936 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	10.45	10.00	ppbv	105%		70-130
Freon 12	9.499	10.00	ppbv	95%		70-130
Freon 114	9.772	10.00	ppbv	98%		70-130
Chloromethane	9.939	10.00	ppbv	99%		70-130
Vinyl Chloride	10.09	10.00	ppbv	101%		70-130
Bromomethane	10.13	10.00	ppbv	101%		70-130
Chloroethane	10.20	10.00	ppbv	102%		70-130
Trichlorofluoromethane	9.463	10.00	ppbv	95%		70-130
1,1-Dichloroethene	9.077	10.00	ppbv	91%		70-130
Freon 113	9.394	10.00	ppbv	94%		70-130
Acetone	10.11	10.00	ppbv	101%		70-130
Carbon Disulfide	9.571	10.00	ppbv	96%		70-130
Isopropanol (IPA)	9.569	10.00	ppbv	96%		70-130
Methylene Chloride	9.314	10.00	ppbv	93%		70-130
trans-1,2-Dichloroethene	10.06	10.00	ppbv	101%		70-130
MTBE	10.23	10.00	ppbv	102%		70-130
n-Hexane	10.33	10.00	ppbv	103%		70-130
1,1-Dichloroethane	10.36	10.00	ppbv	104%		70-130
Vinyl Acetate	11.26	10.00	ppbv	113%		70-130
cis-1,2-Dichloroethene	10.07	10.00	ppbv	101%		70-130
2-Butanone	10.90	10.00	ppbv	109%		70-130
Chloroform	10.23	10.00	ppbv	102%		70-130
1,1,1-Trichloroethane	10.12	10.00	ppbv	101%		70-130
Carbon Tetrachloride	9.963	10.00	ppbv	100%		70-130
Benzene	10.34	10.00	ppbv	103%		70-130
1,2-Dichloroethane	9.815	10.00	ppbv	98%		70-130
Trichloroethene	10.37	10.00	ppbv	104%		70-130
1,2-Dichloropropane	10.69	10.00	ppbv	107%		70-130
Bromodichloromethane	10.47	10.00	ppbv	105%		70-130
cis-1,3-Dichloropropene	10.64	10.00	ppbv	106%		70-130
4-Methyl-2-Pentanone	11.14	10.00	ppbv	111%		70-130
Toluene	10.54	10.00	ppbv	105%		70-130
trans-1,3-Dichloropropene	10.64	10.00	ppbv	106%		70-130
1,1,2-Trichloroethane	10.73	10.00	ppbv	107%		70-130
Tetrachloroethene	10.52	10.00	ppbv	105%		70-130
2-Hexanone	11.61	10.00	ppbv	116%		70-130
Dibromochloromethane	10.59	10.00	ppbv	106%		70-130
1,2-Dibromoethane	10.47	10.00	ppbv	105%		70-130
Chlorobenzene	10.77	10.00	ppbv	108%		70-130
Ethylbenzene	10.86	10.00	ppbv	109%		70-130
m,p-Xylenes	22.12	20.00	ppbv	111%		70-130
o-Xylene	11.08	10.00	ppbv	111%		70-130
Styrene	11.18	10.00	ppbv	112%		70-130
Bromoform	11.41	10.00	ppbv	114%		70-130
1,1,2,2-Tetrachloroethane	11.21	10.00	ppbv	112%		70-130
1,1,1,2-Tetrachloroethane	10.66	10.00	ppbv	107%		70-130
4-Ethyltoluene	11.36	10.00	ppbv	114%		70-130

Batch QC

QC1345936 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,3,5-Trimethylbenzene	11.17	10.00	ppbv	112%		70-130
1,2,4-Trimethylbenzene	11.35	10.00	ppbv	113%		70-130
1,3-Dichlorobenzene	11.20	10.00	ppbv	112%		70-130
1,4-Dichlorobenzene	11.28	10.00	ppbv	113%		70-130
Benzyl chloride	12.90	10.00	ppbv	129%		70-130
1,2-Dichlorobenzene	10.98	10.00	ppbv	110%		70-130
1,2,4-Trichlorobenzene	12.44	10.00	ppbv	124%		70-130
Hexachlorobutadiene	10.83	10.00	ppbv	108%		70-130
Surrogates						
Bromofluorobenzene	10.35	10.00	ppbv	103%		60-140

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1345937	Batch: 396886
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345937 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	10.57	10.00	ppbv	106%		70-130	1	25
Freon 12	9.446	10.00	ppbv	94%		70-130	1	25
Freon 114	9.803	10.00	ppbv	98%		70-130	0	25
Chloromethane	9.888	10.00	ppbv	99%		70-130	1	25
Vinyl Chloride	10.05	10.00	ppbv	101%		70-130	0	25
Bromomethane	10.09	10.00	ppbv	101%		70-130	0	25
Chloroethane	10.17	10.00	ppbv	102%		70-130	0	25
Trichlorofluoromethane	9.337	10.00	ppbv	93%		70-130	1	25
1,1-Dichloroethene	9.143	10.00	ppbv	91%		70-130	1	25
Freon 113	9.314	10.00	ppbv	93%		70-130	1	25
Acetone	10.17	10.00	ppbv	102%		70-130	1	25
Carbon Disulfide	9.480	10.00	ppbv	95%		70-130	1	25
Isopropanol (IPA)	9.598	10.00	ppbv	96%		70-130	0	25
Methylene Chloride	9.268	10.00	ppbv	93%		70-130	0	25
trans-1,2-Dichloroethene	10.14	10.00	ppbv	101%		70-130	1	25
MTBE	10.41	10.00	ppbv	104%		70-130	2	25
n-Hexane	10.54	10.00	ppbv	105%		70-130	2	25
1,1-Dichloroethane	10.42	10.00	ppbv	104%		70-130	1	25
Vinyl Acetate	11.14	10.00	ppbv	111%		70-130	1	25
cis-1,2-Dichloroethene	10.15	10.00	ppbv	101%		70-130	1	25
2-Butanone	11.11	10.00	ppbv	111%		70-130	2	25
Chloroform	10.19	10.00	ppbv	102%		70-130	0	25
1,1,1-Trichloroethane	10.04	10.00	ppbv	100%		70-130	1	25
Carbon Tetrachloride	9.961	10.00	ppbv	100%		70-130	0	25
Benzene	10.44	10.00	ppbv	104%		70-130	1	25
1,2-Dichloroethane	9.812	10.00	ppbv	98%		70-130	0	25
Trichloroethene	10.33	10.00	ppbv	103%		70-130	0	25
1,2-Dichloropropane	10.82	10.00	ppbv	108%		70-130	1	25
Bromodichloromethane	10.42	10.00	ppbv	104%		70-130	0	25
cis-1,3-Dichloropropene	10.61	10.00	ppbv	106%		70-130	0	25
4-Methyl-2-Pentanone	11.22	10.00	ppbv	112%		70-130	1	25
Toluene	10.61	10.00	ppbv	106%		70-130	1	25
trans-1,3-Dichloropropene	10.75	10.00	ppbv	108%		70-130	1	25
1,1,2-Trichloroethane	10.69	10.00	ppbv	107%		70-130	0	25
Tetrachloroethene	10.40	10.00	ppbv	104%		70-130	1	25
2-Hexanone	11.70	10.00	ppbv	117%		70-130	1	25
Dibromochloromethane	10.57	10.00	ppbv	106%		70-130	0	25
1,2-Dibromoethane	10.47	10.00	ppbv	105%		70-130	0	25
Chlorobenzene	10.68	10.00	ppbv	107%		70-130	1	25
Ethylbenzene	10.88	10.00	ppbv	109%		70-130	0	25
m,p-Xylenes	22.24	20.00	ppbv	111%		70-130	1	25
o-Xylene	11.10	10.00	ppbv	111%		70-130	0	25
Styrene	11.29	10.00	ppbv	113%		70-130	1	25
Bromoform	11.47	10.00	ppbv	115%		70-130	1	25
1,1,2,2-Tetrachloroethane	11.28	10.00	ppbv	113%		70-130	1	25
1,1,1,2-Tetrachloroethane	10.69	10.00	ppbv	107%		70-130	0	25

Batch QC

QC1345937 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
4-Ethyltoluene	11.34	10.00	ppbv	113%		70-130	0	25
1,3,5-Trimethylbenzene	11.11	10.00	ppbv	111%		70-130	1	25
1,2,4-Trimethylbenzene	11.33	10.00	ppbv	113%		70-130	0	25
1,3-Dichlorobenzene	11.22	10.00	ppbv	112%		70-130	0	25
1,4-Dichlorobenzene	11.29	10.00	ppbv	113%		70-130	0	25
Benzyl chloride	13.07	10.00	ppbv	131%	*	70-130	1	25
1,2-Dichlorobenzene	11.06	10.00	ppbv	111%		70-130	1	25
1,2,4-Trichlorobenzene	12.35	10.00	ppbv	123%		70-130	1	25
Hexachlorobutadiene	10.97	10.00	ppbv	110%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.35	10.00	ppbv	103%		60-140		

Batch QC

Type: Blank	Lab ID: QC1345938	Batch: 396886
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345938 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	03/03/26 10:51	03/03/26 10:51
Freon 12	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Freon 114	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Chloromethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Vinyl Chloride	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Bromomethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Chloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Trichlorofluoromethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1-Dichloroethene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Freon 113	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Acetone	ND		ppbv	1.0	03/03/26 10:51	03/03/26 10:51
Carbon Disulfide	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Isopropanol (IPA)	ND		ppbv	1.0	03/03/26 10:51	03/03/26 10:51
Methylene Chloride	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
trans-1,2-Dichloroethene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
MTBE	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
n-Hexane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1-Dichloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Vinyl Acetate	ND		ppbv	1.0	03/03/26 10:51	03/03/26 10:51
cis-1,2-Dichloroethene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
2-Butanone	ND		ppbv	1.0	03/03/26 10:51	03/03/26 10:51
Chloroform	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1,1-Trichloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Carbon Tetrachloride	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Benzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2-Dichloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Trichloroethene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2-Dichloropropane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Bromodichloromethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
cis-1,3-Dichloropropene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
4-Methyl-2-Pentanone	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Toluene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
trans-1,3-Dichloropropene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1,2-Trichloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Tetrachloroethene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
2-Hexanone	ND		ppbv	0.50	03/03/26 10:51	03/03/26 10:51
Dibromochloromethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2-Dibromoethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Chlorobenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Ethylbenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
m,p-Xylenes	ND		ppbv	0.40	03/03/26 10:51	03/03/26 10:51
o-Xylene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Styrene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Bromoform	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
4-Ethyltoluene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51

Batch QC

QC1345938 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,3,5-Trimethylbenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2,4-Trimethylbenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,3-Dichlorobenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,4-Dichlorobenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Benzyl chloride	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2-Dichlorobenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
1,2,4-Trichlorobenzene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Hexachlorobutadiene	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Xylene (total)	ND		ppbv	0.20	03/03/26 10:51	03/03/26 10:51
Surrogates				Limits		
Bromofluorobenzene	97%		%REC	60-140	03/03/26 10:51	03/03/26 10:51

Batch QC

Type: Lab Control Sample	Lab ID: QC1345939	Batch: 396887
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345939 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	9.576	10.00	ppbv	96%		70-130
Freon 12	10.09	10.00	ppbv	101%		70-130
Freon 114	9.580	10.00	ppbv	96%		70-130
Chloromethane	9.190	10.00	ppbv	92%		70-130
Vinyl Chloride	9.391	10.00	ppbv	94%		70-130
Bromomethane	9.501	10.00	ppbv	95%		70-130
Chloroethane	9.389	10.00	ppbv	94%		70-130
Trichlorofluoromethane	9.938	10.00	ppbv	99%		70-130
1,1-Dichloroethene	9.625	10.00	ppbv	96%		70-130
Freon 113	9.648	10.00	ppbv	96%		70-130
Acetone	9.154	10.00	ppbv	92%		70-130
Carbon Disulfide	9.442	10.00	ppbv	94%		70-130
Isopropanol (IPA)	9.209	10.00	ppbv	92%		70-130
Methylene Chloride	9.421	10.00	ppbv	94%		70-130
trans-1,2-Dichloroethene	9.564	10.00	ppbv	96%		70-130
MTBE	9.681	10.00	ppbv	97%		70-130
n-Hexane	9.596	10.00	ppbv	96%		70-130
1,1-Dichloroethane	9.630	10.00	ppbv	96%		70-130
Vinyl Acetate	9.410	10.00	ppbv	94%		70-130
cis-1,2-Dichloroethene	9.628	10.00	ppbv	96%		70-130
2-Butanone	9.419	10.00	ppbv	94%		70-130
Chloroform	9.831	10.00	ppbv	98%		70-130
1,1,1-Trichloroethane	9.678	10.00	ppbv	97%		70-130
Carbon Tetrachloride	9.829	10.00	ppbv	98%		70-130
Benzene	9.465	10.00	ppbv	95%		70-130
1,2-Dichloroethane	9.734	10.00	ppbv	97%		70-130
Trichloroethene	9.580	10.00	ppbv	96%		70-130
1,2-Dichloropropane	9.828	10.00	ppbv	98%		70-130
Bromodichloromethane	9.877	10.00	ppbv	99%		70-130
cis-1,3-Dichloropropene	9.798	10.00	ppbv	98%		70-130
4-Methyl-2-Pentanone	9.737	10.00	ppbv	97%		70-130
Toluene	9.798	10.00	ppbv	98%		70-130
trans-1,3-Dichloropropene	9.618	10.00	ppbv	96%		70-130
1,1,2-Trichloroethane	9.626	10.00	ppbv	96%		70-130
Tetrachloroethene	9.797	10.00	ppbv	98%		70-130
2-Hexanone	9.669	10.00	ppbv	97%		70-130
Dibromochloromethane	9.595	10.00	ppbv	96%		70-130
1,2-Dibromoethane	9.569	10.00	ppbv	96%		70-130
Chlorobenzene	9.304	10.00	ppbv	93%		70-130
Ethylbenzene	9.768	10.00	ppbv	98%		70-130
m,p-Xylenes	19.34	20.00	ppbv	97%		70-130
o-Xylene	9.663	10.00	ppbv	97%		70-130
Styrene	9.650	10.00	ppbv	97%		70-130
Bromoform	8.226	10.00	ppbv	82%		70-130
1,1,2,2-Tetrachloroethane	9.554	10.00	ppbv	96%		70-130
1,1,1,2-Tetrachloroethane	9.722	10.00	ppbv	97%		70-130
4-Ethyltoluene	9.669	10.00	ppbv	97%		70-130

Batch QC

QC1345939 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,3,5-Trimethylbenzene	9.603	10.00	ppbv	96%		70-130
1,2,4-Trimethylbenzene	9.439	10.00	ppbv	94%		70-130
1,3-Dichlorobenzene	9.262	10.00	ppbv	93%		70-130
1,4-Dichlorobenzene	9.107	10.00	ppbv	91%		70-130
Benzyl chloride	9.646	10.00	ppbv	96%		70-130
1,2-Dichlorobenzene	9.122	10.00	ppbv	91%		70-130
1,2,4-Trichlorobenzene	7.678	10.00	ppbv	77%		70-130
Hexachlorobutadiene	7.671	10.00	ppbv	77%		70-130
Surrogates						
Bromofluorobenzene	10.05	10.00	ppbv	100%		60-140

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1345940	Batch: 396887
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345940 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	9.587	10.00	ppbv	96%		70-130	0	25
Freon 12	9.954	10.00	ppbv	100%		70-130	1	25
Freon 114	9.655	10.00	ppbv	97%		70-130	1	25
Chloromethane	9.687	10.00	ppbv	97%		70-130	5	25
Vinyl Chloride	9.591	10.00	ppbv	96%		70-130	2	25
Bromomethane	9.495	10.00	ppbv	95%		70-130	0	25
Chloroethane	9.355	10.00	ppbv	94%		70-130	0	25
Trichlorofluoromethane	9.772	10.00	ppbv	98%		70-130	2	25
1,1-Dichloroethene	9.593	10.00	ppbv	96%		70-130	0	25
Freon 113	9.563	10.00	ppbv	96%		70-130	1	25
Acetone	9.212	10.00	ppbv	92%		70-130	1	25
Carbon Disulfide	9.357	10.00	ppbv	94%		70-130	1	25
Isopropanol (IPA)	9.304	10.00	ppbv	93%		70-130	1	25
Methylene Chloride	9.399	10.00	ppbv	94%		70-130	0	25
trans-1,2-Dichloroethene	9.327	10.00	ppbv	93%		70-130	3	25
MTBE	9.582	10.00	ppbv	96%		70-130	1	25
n-Hexane	9.511	10.00	ppbv	95%		70-130	1	25
1,1-Dichloroethane	9.534	10.00	ppbv	95%		70-130	1	25
Vinyl Acetate	9.517	10.00	ppbv	95%		70-130	1	25
cis-1,2-Dichloroethene	9.480	10.00	ppbv	95%		70-130	2	25
2-Butanone	9.236	10.00	ppbv	92%		70-130	2	25
Chloroform	9.751	10.00	ppbv	98%		70-130	1	25
1,1,1-Trichloroethane	9.636	10.00	ppbv	96%		70-130	0	25
Carbon Tetrachloride	9.751	10.00	ppbv	98%		70-130	1	25
Benzene	9.404	10.00	ppbv	94%		70-130	1	25
1,2-Dichloroethane	9.682	10.00	ppbv	97%		70-130	1	25
Trichloroethene	9.705	10.00	ppbv	97%		70-130	1	25
1,2-Dichloropropane	9.806	10.00	ppbv	98%		70-130	0	25
Bromodichloromethane	9.857	10.00	ppbv	99%		70-130	0	25
cis-1,3-Dichloropropene	9.939	10.00	ppbv	99%		70-130	1	25
4-Methyl-2-Pentanone	9.636	10.00	ppbv	96%		70-130	1	25
Toluene	9.866	10.00	ppbv	99%		70-130	1	25
trans-1,3-Dichloropropene	9.741	10.00	ppbv	97%		70-130	1	25
1,1,2-Trichloroethane	9.762	10.00	ppbv	98%		70-130	1	25
Tetrachloroethene	9.897	10.00	ppbv	99%		70-130	1	25
2-Hexanone	9.860	10.00	ppbv	99%		70-130	2	25
Dibromochloromethane	9.683	10.00	ppbv	97%		70-130	1	25
1,2-Dibromoethane	9.747	10.00	ppbv	97%		70-130	2	25
Chlorobenzene	9.152	10.00	ppbv	92%		70-130	2	25
Ethylbenzene	9.631	10.00	ppbv	96%		70-130	1	25
m,p-Xylenes	19.16	20.00	ppbv	96%		70-130	1	25
o-Xylene	9.613	10.00	ppbv	96%		70-130	1	25
Styrene	9.615	10.00	ppbv	96%		70-130	0	25
Bromoform	8.168	10.00	ppbv	82%		70-130	1	25
1,1,2,2-Tetrachloroethane	9.489	10.00	ppbv	95%		70-130	1	25
1,1,1,2-Tetrachloroethane	9.545	10.00	ppbv	95%		70-130	2	25

Batch QC

QC1345940 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
4-Ethyltoluene	9.614	10.00	ppbv	96%		70-130	1	25
1,3,5-Trimethylbenzene	9.627	10.00	ppbv	96%		70-130	0	25
1,2,4-Trimethylbenzene	9.471	10.00	ppbv	95%		70-130	0	25
1,3-Dichlorobenzene	9.298	10.00	ppbv	93%		70-130	0	25
1,4-Dichlorobenzene	9.182	10.00	ppbv	92%		70-130	1	25
Benzyl chloride	9.736	10.00	ppbv	97%		70-130	1	25
1,2-Dichlorobenzene	9.176	10.00	ppbv	92%		70-130	1	25
1,2,4-Trichlorobenzene	8.786	10.00	ppbv	88%		70-130	13	25
Hexachlorobutadiene	8.791	10.00	ppbv	88%		70-130	14	25
Surrogates								
Bromofluorobenzene	10.04	10.00	ppbv	100%		60-140		

Batch QC

Type: Blank	Lab ID: QC1345941	Batch: 396887
Matrix: Air	Method: EPA TO-15	Prep Method: METHOD

QC1345941 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	03/03/26 11:05	03/03/26 11:05
Freon 12	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Freon 114	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Chloromethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Vinyl Chloride	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Bromomethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Chloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Trichlorofluoromethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1-Dichloroethene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Freon 113	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Acetone	ND		ppbv	1.0	03/03/26 11:05	03/03/26 11:05
Carbon Disulfide	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Isopropanol (IPA)	ND		ppbv	1.0	03/03/26 11:05	03/03/26 11:05
Methylene Chloride	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
trans-1,2-Dichloroethene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
MTBE	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
n-Hexane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1-Dichloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Vinyl Acetate	ND		ppbv	1.0	03/03/26 11:05	03/03/26 11:05
cis-1,2-Dichloroethene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
2-Butanone	ND		ppbv	1.0	03/03/26 11:05	03/03/26 11:05
Chloroform	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1,1-Trichloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Carbon Tetrachloride	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Benzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2-Dichloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Trichloroethene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2-Dichloropropane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Bromodichloromethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
cis-1,3-Dichloropropene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
4-Methyl-2-Pentanone	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Toluene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
trans-1,3-Dichloropropene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1,2-Trichloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Tetrachloroethene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
2-Hexanone	ND		ppbv	0.50	03/03/26 11:05	03/03/26 11:05
Dibromochloromethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2-Dibromoethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Chlorobenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Ethylbenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
m,p-Xylenes	ND		ppbv	0.40	03/03/26 11:05	03/03/26 11:05
o-Xylene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Styrene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Bromoform	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
4-Ethyltoluene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05

Batch QC

QC1345941 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,3,5-Trimethylbenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2,4-Trimethylbenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,3-Dichlorobenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,4-Dichlorobenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Benzyl chloride	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2-Dichlorobenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
1,2,4-Trichlorobenzene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Hexachlorobutadiene	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Xylene (total)	ND		ppbv	0.20	03/03/26 11:05	03/03/26 11:05
Surrogates				Limits		
Bromofluorobenzene	97%		%REC	60-140	03/03/26 11:05	03/03/26 11:05

* Value is outside QC limits
 ND Not Detected



ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

700184002

JOB NUMBER

570-269347-1

Eurofins Calscience

Job Notes

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Authorization

Vikas Patel

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Definitions/Glossary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Langan Engineering and Environmental Services LLC
Project: 700184002

Job ID: 570-269347-1

Job ID: 570-269347-1

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Job Narrative 570-269347-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 2/26/2026 12:38 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

GC/MS VOA

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

Diesel Range Organics

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

Metals

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

General Chemistry

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

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Detection Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Client Sample ID: COMP01_02262026

Lab Sample ID: 570-269347-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	264		3.37	mg/Kg	5	✱	6010B	Total/NA
Beryllium	0.660		0.562	mg/Kg	5	✱	6010B	Total/NA
Cobalt	7.76		1.12	mg/Kg	5	✱	6010B	Total/NA
Chromium	22.2		1.12	mg/Kg	5	✱	6010B	Total/NA
Copper	9.34		2.25	mg/Kg	5	✱	6010B	Total/NA
Nickel	13.1		2.25	mg/Kg	5	✱	6010B	Total/NA
Vanadium	29.8		1.12	mg/Kg	5	✱	6010B	Total/NA
Zinc	24.6		5.62	mg/Kg	5	✱	6010B	Total/NA
Lead	3.43		2.25	mg/Kg	5	✱	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1,1-Trichloroethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1,2,2-Tetrachloroethane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1,2-Trichloroethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1-Dichloroethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1-Dichloroethene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,1-Dichloropropene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2,3-Trichlorobenzene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2,3-Trichloropropane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2,4-Trichlorobenzene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2,4-Trimethylbenzene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2-Dibromo-3-Chloropropane	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2-Dibromoethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2-Dichlorobenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2-Dichloroethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,2-Dichloropropane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,3,5-Trimethylbenzene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,3-Dichlorobenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,3-Dichloropropane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
1,4-Dichlorobenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
2,2-Dichloropropane	ND		5.6	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
2-Butanone (MEK)	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
2-Chlorotoluene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
2-Hexanone	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
4-Chlorotoluene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Acetone	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Benzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Bromobenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Bromochloromethane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Bromodichloromethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Bromoform	ND		5.6	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Bromomethane	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
cis-1,2-Dichloroethene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
cis-1,3-Dichloropropene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Carbon disulfide	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Carbon tetrachloride	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Chlorobenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Chloroethane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Chloroform	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Chloromethane	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Dibromochloromethane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Dibromomethane	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Dichlorodifluoromethane	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Di-isopropyl ether (DIPE)	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Ethanol	ND		280	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Ethylbenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1

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Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Methylene Chloride	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Methyl-t-Butyl Ether (MTBE)	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Naphthalene	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
n-Butylbenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
N-Propylbenzene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
o-Xylene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
m,p-Xylene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
p-Isopropyltoluene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
sec-Butylbenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Styrene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
trans-1,2-Dichloroethene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
trans-1,3-Dichloropropene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Tert-amyl-methyl ether (TAME)	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
tert-Butyl alcohol (TBA)	ND		23	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
tert-Butylbenzene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Tetrachloroethene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Toluene	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Trichloroethene	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Trichlorofluoromethane	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Vinyl acetate	ND		11	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Vinyl chloride	ND		1.1	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1
Xylenes, Total	ND		2.3	ug/Kg	✱	02/27/26 08:00	02/27/26 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		32 - 179	02/27/26 08:00	02/27/26 12:51	1
4-Bromofluorobenzene (Surr)	101		80 - 120	02/27/26 08:00	02/27/26 12:51	1
Dibromofluoromethane (Surr)	102		58 - 147	02/27/26 08:00	02/27/26 12:51	1
Toluene-d8 (Surr)	100		80 - 120	02/27/26 08:00	02/27/26 12:51	1

Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C7 as C7	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C8 as C8	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C9-C10	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C11-C12	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C13-C14	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C15-C16	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C17-C18	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C19-C20	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C21-C22	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C23-C24	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C25-C28	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C29-C32	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C33-C36	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C37-C40	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C41-C44	ND		5.5	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
C6-C44	ND		28	mg/Kg	✱	03/03/26 13:00	03/04/26 02:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	90		29 - 160			03/03/26 13:00	03/04/26 02:16	1

Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: SW846 6010B - Metals (ICP)

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.68	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Arsenic	ND		3.37	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Barium	264		3.37	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Beryllium	0.660		0.562	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Cadmium	ND		0.562	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Cobalt	7.76		1.12	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Chromium	22.2		1.12	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Copper	9.34		2.25	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Molybdenum	ND		2.25	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Nickel	13.1		2.25	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Antimony	ND		11.2	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Selenium	ND		3.37	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Thallium	ND		11.2	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Vanadium	29.8		1.12	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Zinc	24.6		5.62	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5
Lead	3.43		2.25	mg/Kg	✱	02/27/26 10:10	02/27/26 22:29	5

Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: SW846 7471A - Mercury (CVAA)

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0960	mg/Kg	☼	03/02/26 14:08	03/03/26 12:26	1

Client Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

General Chemistry

Client Sample ID: COMP01_02262026

Date Collected: 02/26/26 11:45

Date Received: 02/26/26 12:38

Lab Sample ID: 570-269347-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM Moisture - 2540)	11.4		0.100	%			02/27/26 17:34	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (32-179)	BFB (80-120)	DBFM (58-147)	TOL (80-120)
570-269347-1	COMP01_02262026	98	101	102	100
LCS 570-702130/1-A	Lab Control Sample	96	99	101	100
LCSD 570-702130/2-A	Lab Control Sample Dup	97	99	102	100
MB 570-702130/5-A	Method Blank	97	101	102	100
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	OTCSN1 (29-160)			
570-269347-1	COMP01_02262026	90			
570-269347-1 MS	COMP01_02262026	84			
570-269347-1 MSD	COMP01_02262026	85			
LCS 570-703696/2-A	Lab Control Sample	84			
LCSD 570-703696/3-A	Lab Control Sample Dup	81			
MB 570-703696/1-A	Method Blank	87			
Surrogate Legend					
OTCSN = n-Octacosane (Surr)					

QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: MB 570-702130/5-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702130

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1-Dichloroethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1-Dichloroethene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,1-Dichloropropene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2-Dibromoethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2-Dichlorobenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2-Dichloroethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,2-Dichloropropane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,3-Dichlorobenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,3-Dichloropropane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
1,4-Dichlorobenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
2,2-Dichloropropane	ND		5.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
2-Butanone (MEK)	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
2-Chlorotoluene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
2-Hexanone	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
4-Chlorotoluene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
4-Methyl-2-pentanone (MIBK)	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Acetone	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Benzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Bromobenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Bromochloromethane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Bromodichloromethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Bromoform	ND		5.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Bromomethane	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
cis-1,2-Dichloroethene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
cis-1,3-Dichloropropene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Carbon disulfide	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Carbon tetrachloride	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Chlorobenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Chloroethane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Chloroform	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Chloromethane	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Dibromochloromethane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Dibromomethane	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Dichlorodifluoromethane	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Di-isopropyl ether (DIPE)	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Ethanol	ND		250	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Ethylbenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: MB 570-702130/5-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702130

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Isopropylbenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Methylene Chloride	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Naphthalene	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
n-Butylbenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
N-Propylbenzene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
o-Xylene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
m,p-Xylene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
p-Isopropyltoluene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
sec-Butylbenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Styrene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
tert-Butylbenzene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Tetrachloroethene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Toluene	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Trichloroethene	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Trichlorofluoromethane	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Vinyl acetate	ND		10	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Vinyl chloride	ND		1.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1
Xylenes, Total	ND		2.0	ug/Kg		02/27/26 08:00	02/27/26 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		32 - 189	72080/ 7: 677	72080/ 1703	1
4-5roB ortho of enbene (Surr)	171		: 7 - 127	72080/ 7: 677	72080/ 1703	1
Dif roB ortho roB ethane (Surr)	172		z: - 148	72080/ 7: 677	72080/ 1703	1
Toluene-d: (Surr)	177		: 7 - 127	72080/ 7: 677	72080/ 1703	1

Lab Sample ID: LCS 570-702130/1-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	53.61		ug/Kg		107	80 - 125
1,1,1-Trichloroethane	50.0	50.51		ug/Kg		101	78 - 130
1,1,2,2-Tetrachloroethane	50.0	46.96		ug/Kg		94	80 - 124
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.54		ug/Kg		95	73 - 130
1,1,2-Trichloroethane	50.0	47.81		ug/Kg		96	80 - 123
1,1-Dichloroethane	50.0	46.35		ug/Kg		93	79 - 124
1,1-Dichloroethene	50.0	45.78		ug/Kg		92	74 - 132
1,1-Dichloropropene	50.0	50.01		ug/Kg		100	78 - 130
1,2,3-Trichlorobenzene	50.0	47.35		ug/Kg		95	80 - 123
1,2,3-Trichloropropane	50.0	47.71		ug/Kg		95	79 - 120
1,2,4-Trichlorobenzene	50.0	48.06		ug/Kg		96	80 - 125
1,2,4-Trimethylbenzene	50.0	48.35		ug/Kg		97	80 - 124

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: LCS 570-702130/1-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	50.0	44.61		ug/Kg		89	67 - 120
1,2-Dibromoethane	50.0	49.33		ug/Kg		99	80 - 120
1,2-Dichlorobenzene	50.0	46.62		ug/Kg		93	80 - 120
1,2-Dichloroethane	50.0	46.92		ug/Kg		94	77 - 120
1,2-Dichloropropane	50.0	47.57		ug/Kg		95	80 - 126
1,3,5-Trimethylbenzene	50.0	49.69		ug/Kg		99	80 - 121
1,3-Dichlorobenzene	50.0	46.88		ug/Kg		94	80 - 120
1,3-Dichloropropane	50.0	47.52		ug/Kg		95	80 - 120
1,4-Dichlorobenzene	50.0	45.86		ug/Kg		92	80 - 120
2,2-Dichloropropane	50.0	49.02		ug/Kg		98	73 - 135
2-Butanone (MEK)	50.0	46.51		ug/Kg		93	67 - 136
2-Chlorotoluene	50.0	47.51		ug/Kg		95	80 - 120
2-Hexanone	50.0	44.95		ug/Kg		90	70 - 137
4-Chlorotoluene	50.0	47.03		ug/Kg		94	80 - 121
4-Methyl-2-pentanone (MIBK)	50.0	45.65		ug/Kg		91	74 - 124
Acetone	50.0	40.34		ug/Kg		81	61 - 142
Benzene	50.0	49.06		ug/Kg		98	80 - 120
Bromobenzene	50.0	49.14		ug/Kg		98	80 - 120
Bromochloromethane	50.0	50.08		ug/Kg		100	80 - 120
Bromodichloromethane	50.0	51.38		ug/Kg		103	80 - 125
Bromoform	50.0	51.56		ug/Kg		103	74 - 138
Bromomethane	50.0	44.94		ug/Kg		90	58 - 136
cis-1,2-Dichloroethene	50.0	48.82		ug/Kg		98	80 - 124
cis-1,3-Dichloropropene	50.0	51.65		ug/Kg		103	80 - 123
Carbon disulfide	50.0	47.00		ug/Kg		94	68 - 128
Carbon tetrachloride	50.0	54.23		ug/Kg		108	75 - 140
Chlorobenzene	50.0	48.20		ug/Kg		96	80 - 120
Chloroethane	50.0	50.42		ug/Kg		101	76 - 137
Chloroform	50.0	46.27		ug/Kg		93	80 - 121
Chloromethane	50.0	40.64		ug/Kg		81	74 - 133
Dibromochloromethane	50.0	52.61		ug/Kg		105	80 - 132
Dibromomethane	50.0	49.32		ug/Kg		99	80 - 120
Dichlorodifluoromethane	50.0	49.08		ug/Kg		98	63 - 146
Di-isopropyl ether (DIPE)	50.0	49.30		ug/Kg		99	73 - 132
Ethanol	500	551.6		ug/Kg		110	46 - 159
Ethylbenzene	50.0	48.51		ug/Kg		97	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	46.63		ug/Kg		93	77 - 129
Isopropylbenzene	50.0	49.85		ug/Kg		100	80 - 122
Methylene Chloride	50.0	45.36		ug/Kg		91	74 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	48.30		ug/Kg		97	79 - 123
Naphthalene	50.0	47.55		ug/Kg		95	79 - 121
n-Butylbenzene	50.0	48.56		ug/Kg		97	79 - 131
N-Propylbenzene	50.0	48.92		ug/Kg		98	80 - 122
o-Xylene	50.0	48.48		ug/Kg		97	80 - 120
m,p-Xylene	100	98.29		ug/Kg		98	80 - 120
p-Isopropyltoluene	50.0	49.89		ug/Kg		100	80 - 126
sec-Butylbenzene	50.0	48.92		ug/Kg		98	80 - 125
Styrene	50.0	49.90		ug/Kg		100	80 - 120
trans-1,2-Dichloroethene	50.0	49.11		ug/Kg		98	75 - 123

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: LCS 570-702130/1-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	50.0	50.71		ug/Kg		101	80 - 124
Tert-amyl-methyl ether (TAME)	50.0	48.27		ug/Kg		97	80 - 120
tert-Butyl alcohol (TBA)	250	242.5		ug/Kg		97	74 - 123
tert-Butylbenzene	50.0	48.87		ug/Kg		98	80 - 124
Tetrachloroethene	50.0	47.53		ug/Kg		95	80 - 122
Toluene	50.0	48.90		ug/Kg		98	80 - 120
Trichloroethene	50.0	49.80		ug/Kg		100	80 - 127
Trichlorofluoromethane	50.0	53.62		ug/Kg		107	70 - 144
Vinyl acetate	50.0	50.64		ug/Kg		101	71 - 125
Vinyl chloride	50.0	44.05		ug/Kg		88	79 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	9/		32 - 189
4-5roB orfluorof enbene (Surr)	99		: 7 - 127
Dif roB orfluorob ethane (Surr)	171		z: - 148
Toluene-d: (Surr)	177		: 7 - 127

Lab Sample ID: LCSD 570-702130/2-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702130

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	54.75		ug/Kg		110	80 - 125	2	20
1,1,1-Trichloroethane	50.0	52.05		ug/Kg		104	78 - 130	3	20
1,1,2,2-Tetrachloroethane	50.0	49.07		ug/Kg		98	80 - 124	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.52		ug/Kg		99	73 - 130	4	20
1,1,2-Trichloroethane	50.0	49.62		ug/Kg		99	80 - 123	4	20
1,1-Dichloroethane	50.0	47.89		ug/Kg		96	79 - 124	3	20
1,1-Dichloroethene	50.0	47.02		ug/Kg		94	74 - 132	3	20
1,1-Dichloropropene	50.0	51.19		ug/Kg		102	78 - 130	2	20
1,2,3-Trichlorobenzene	50.0	49.32		ug/Kg		99	80 - 123	4	20
1,2,3-Trichloropropane	50.0	48.90		ug/Kg		98	79 - 120	2	20
1,2,4-Trichlorobenzene	50.0	50.42		ug/Kg		101	80 - 125	5	20
1,2,4-Trimethylbenzene	50.0	51.27		ug/Kg		103	80 - 124	6	20
1,2-Dibromo-3-Chloropropane	50.0	46.70		ug/Kg		93	67 - 120	5	20
1,2-Dibromoethane	50.0	50.96		ug/Kg		102	80 - 120	3	20
1,2-Dichlorobenzene	50.0	48.46		ug/Kg		97	80 - 120	4	20
1,2-Dichloroethane	50.0	48.10		ug/Kg		96	77 - 120	2	20
1,2-Dichloropropane	50.0	48.45		ug/Kg		97	80 - 126	2	20
1,3,5-Trimethylbenzene	50.0	51.68		ug/Kg		103	80 - 121	4	20
1,3-Dichlorobenzene	50.0	48.53		ug/Kg		97	80 - 120	3	20
1,3-Dichloropropane	50.0	48.94		ug/Kg		98	80 - 120	3	20
1,4-Dichlorobenzene	50.0	47.37		ug/Kg		95	80 - 120	3	20
2,2-Dichloropropane	50.0	50.76		ug/Kg		102	73 - 135	3	20
2-Butanone (MEK)	50.0	47.04		ug/Kg		94	67 - 136	1	20
2-Chlorotoluene	50.0	49.62		ug/Kg		99	80 - 120	4	20
2-Hexanone	50.0	46.01		ug/Kg		92	70 - 137	2	20
4-Chlorotoluene	50.0	48.72		ug/Kg		97	80 - 121	4	20

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: LCSD 570-702130/2-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702130

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	50.0	46.72		ug/Kg		93	74 - 124	2	20
Acetone	50.0	38.87		ug/Kg		78	61 - 142	4	23
Benzene	50.0	50.26		ug/Kg		101	80 - 120	2	20
Bromobenzene	50.0	50.89		ug/Kg		102	80 - 120	4	20
Bromochloromethane	50.0	51.25		ug/Kg		103	80 - 120	2	20
Bromodichloromethane	50.0	52.20		ug/Kg		104	80 - 125	2	20
Bromoform	50.0	52.78		ug/Kg		106	74 - 138	2	20
Bromomethane	50.0	47.51		ug/Kg		95	58 - 136	6	20
cis-1,2-Dichloroethene	50.0	50.51		ug/Kg		101	80 - 124	3	20
cis-1,3-Dichloropropene	50.0	52.67		ug/Kg		105	80 - 123	2	20
Carbon disulfide	50.0	48.07		ug/Kg		96	68 - 128	2	20
Carbon tetrachloride	50.0	55.74		ug/Kg		111	75 - 140	3	20
Chlorobenzene	50.0	49.62		ug/Kg		99	80 - 120	3	20
Chloroethane	50.0	54.60		ug/Kg		109	76 - 137	8	20
Chloroform	50.0	47.54		ug/Kg		95	80 - 121	3	20
Chloromethane	50.0	41.90		ug/Kg		84	74 - 133	3	20
Dibromochloromethane	50.0	54.20		ug/Kg		108	80 - 132	3	20
Dibromomethane	50.0	50.63		ug/Kg		101	80 - 120	3	20
Dichlorodifluoromethane	50.0	52.21		ug/Kg		104	63 - 146	6	20
Di-isopropyl ether (DIPE)	50.0	49.96		ug/Kg		100	73 - 132	1	20
Ethanol	500	479.7		ug/Kg		96	46 - 159	14	30
Ethylbenzene	50.0	50.03		ug/Kg		100	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	50.0	47.78		ug/Kg		96	77 - 129	2	20
Isopropylbenzene	50.0	51.73		ug/Kg		103	80 - 122	4	20
Methylene Chloride	50.0	46.31		ug/Kg		93	74 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	50.0	49.29		ug/Kg		99	79 - 123	2	20
Naphthalene	50.0	49.84		ug/Kg		100	79 - 121	5	20
n-Butylbenzene	50.0	51.20		ug/Kg		102	79 - 131	5	20
N-Propylbenzene	50.0	51.21		ug/Kg		102	80 - 122	5	20
o-Xylene	50.0	50.50		ug/Kg		101	80 - 120	4	20
m,p-Xylene	100	101.8		ug/Kg		102	80 - 120	3	20
p-Isopropyltoluene	50.0	51.78		ug/Kg		104	80 - 126	4	20
sec-Butylbenzene	50.0	50.95		ug/Kg		102	80 - 125	4	20
Styrene	50.0	52.09		ug/Kg		104	80 - 120	4	20
trans-1,2-Dichloroethene	50.0	50.55		ug/Kg		101	75 - 123	3	20
trans-1,3-Dichloropropene	50.0	52.45		ug/Kg		105	80 - 124	3	20
Tert-amyl-methyl ether (TAME)	50.0	49.08		ug/Kg		98	80 - 120	2	20
tert-Butyl alcohol (TBA)	250	237.0		ug/Kg		95	74 - 123	2	20
tert-Butylbenzene	50.0	51.12		ug/Kg		102	80 - 124	4	20
Tetrachloroethene	50.0	49.22		ug/Kg		98	80 - 122	3	20
Toluene	50.0	50.03		ug/Kg		100	80 - 120	2	20
Trichloroethene	50.0	50.49		ug/Kg		101	80 - 127	1	20
Trichlorofluoromethane	50.0	56.85		ug/Kg		114	70 - 144	6	20
Vinyl acetate	50.0	53.49		ug/Kg		107	71 - 125	5	20
Vinyl chloride	50.0	46.54		ug/Kg		93	79 - 133	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	98		32 - 189

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

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

Lab Sample ID: LCSD 570-702130/2-A

Matrix: Solid

Analysis Batch: 702017

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702130

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-5roB orfluorof enbene (Surr)	99		: 7 - 127
Dif roB orfluoroB ethane (Surr)	172		z: - 148
Toluene-d: (Surr)	177		: 7 - 127

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-703696/1-A

Matrix: Solid

Analysis Batch: 703910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 703696

Analyte	MB	MB							
	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil	Fac
C6 as C6	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C7 as C7	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C8 as C8	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C9-C10	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C11-C12	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C13-C14	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C15-C16	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C17-C18	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C19-C20	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C21-C22	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C23-C24	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C25-C28	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C29-C32	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C33-C36	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C37-C40	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C41-C44	ND		5.0	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	
C6-C44	ND		25	mg/Kg		03/03/26 12:59	03/04/26 00:29	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac		
n-Octacosane (Surr)	: 8		29 - 1/ 7	730730/ 1209	730740/ 7709	1			

Lab Sample ID: LCS 570-703696/2-A

Matrix: Solid

Analysis Batch: 703910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 703696

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics [C10-C28]	400	389.5		mg/Kg		97	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	: 4		29 - 1/ 7

QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-703696/3-A

Matrix: Solid

Analysis Batch: 703910

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 703696

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	400	392.3		mg/Kg		98	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	: 1		29 - 1/ 7						

Lab Sample ID: 570-269347-1 MS

Matrix: Solid

Analysis Batch: 703910

Client Sample ID: COMP01_02262026

Prep Type: Total/NA

Prep Batch: 703696

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	9.2		448	453.4		mg/Kg	✱	99	43 - 165		
Surrogate	MS %Recovery	MS Qualifier	Limits								
n-Octacosane (Surr)	: 4		29 - 1/ 7								

Lab Sample ID: 570-269347-1 MSD

Matrix: Solid

Analysis Batch: 703910

Client Sample ID: COMP01_02262026

Prep Type: Total/NA

Prep Batch: 703696

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	9.2		449	458.6		mg/Kg	✱	100	43 - 165	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane (Surr)	: z		29 - 1/ 7								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-702071/1-A

Matrix: Solid

Analysis Batch: 702724

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702071

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.51	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Arsenic	ND		3.02	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Barium	ND		3.02	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Beryllium	ND		0.503	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Cadmium	ND		0.503	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Cobalt	ND		1.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Chromium	ND		1.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Copper	ND		2.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Molybdenum	ND		2.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Nickel	ND		2.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Antimony	ND		10.1	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Selenium	ND		3.02	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Thallium	ND		10.1	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Vanadium	ND		1.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5

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QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-702071/1-A

Matrix: Solid

Analysis Batch: 702724

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702071

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		5.03	mg/Kg		02/27/26 08:50	02/27/26 21:35	5
Lead	ND		2.01	mg/Kg		02/27/26 08:50	02/27/26 21:35	5

Lab Sample ID: LCS 570-702071/2-A

Matrix: Solid

Analysis Batch: 702724

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	25.1	24.11		mg/Kg		96	80 - 120
Arsenic	50.3	46.81		mg/Kg		93	80 - 120
Barium	50.3	49.91		mg/Kg		99	80 - 120
Beryllium	50.3	49.81		mg/Kg		99	80 - 120
Cadmium	50.3	46.85		mg/Kg		93	80 - 120
Cobalt	50.3	47.93		mg/Kg		95	80 - 120
Chromium	50.3	47.51		mg/Kg		95	80 - 120
Copper	50.3	48.52		mg/Kg		97	80 - 120
Molybdenum	50.3	49.15		mg/Kg		98	80 - 120
Nickel	50.3	47.66		mg/Kg		95	80 - 120
Antimony	50.3	47.80		mg/Kg		95	80 - 120
Selenium	50.3	47.32		mg/Kg		94	80 - 120
Thallium	50.3	47.02		mg/Kg		94	80 - 120
Vanadium	50.3	47.86		mg/Kg		95	80 - 120
Zinc	50.3	46.70		mg/Kg		93	80 - 120
Lead	50.3	47.83		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 570-702071/3-A

Matrix: Solid

Analysis Batch: 702724

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702071

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	25.1	23.96		mg/Kg		95	80 - 120	1	20
Arsenic	50.3	46.55		mg/Kg		93	80 - 120	1	20
Barium	50.3	49.21		mg/Kg		98	80 - 120	1	20
Beryllium	50.3	49.03		mg/Kg		98	80 - 120	2	20
Cadmium	50.3	46.51		mg/Kg		93	80 - 120	1	20
Cobalt	50.3	47.50		mg/Kg		95	80 - 120	1	20
Chromium	50.3	47.07		mg/Kg		94	80 - 120	1	20
Copper	50.3	48.27		mg/Kg		96	80 - 120	1	20
Molybdenum	50.3	48.89		mg/Kg		97	80 - 120	1	20
Nickel	50.3	47.15		mg/Kg		94	80 - 120	1	20
Antimony	50.3	48.51		mg/Kg		97	80 - 120	1	20
Selenium	50.3	46.27		mg/Kg		92	80 - 120	2	20
Thallium	50.3	47.01		mg/Kg		94	80 - 120	0	20
Vanadium	50.3	47.17		mg/Kg		94	80 - 120	1	20
Zinc	50.3	46.38		mg/Kg		92	80 - 120	1	20
Lead	50.3	47.30		mg/Kg		94	80 - 120	1	20

QC Sample Results

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-703191/1-A

Matrix: Solid

Analysis Batch: 703730

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 703191

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0817	mg/Kg		03/02/26 14:08	03/03/26 11:57	1

Lab Sample ID: LCS 570-703191/2-A

Matrix: Solid

Analysis Batch: 703730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 703191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.400	0.4195		mg/Kg		105	80 - 120

Lab Sample ID: LCSD 570-703191/3-A

Matrix: Solid

Analysis Batch: 703730

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 703191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.408	0.4187		mg/Kg		103	80 - 120	0	20

Method: Moisture - 2540 - Percent Moisture

Lab Sample ID: MB 570-702722/1

Matrix: Solid

Analysis Batch: 702722

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	ND		0.100	%			02/27/26 17:34	1

Lab Sample ID: 570-269347-1 DU

Matrix: Solid

Analysis Batch: 702722

Client Sample ID: COMP01_02262026

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	11.4		11.7		%		3	10

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

GC/MS VOA

Analysis Batch: 702017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	8260B	702130
MB 570-702130/5-A	Method Blank	Total/NA	Solid	8260B	702130
LCS 570-702130/1-A	Lab Control Sample	Total/NA	Solid	8260B	702130
LCSD 570-702130/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	702130

Prep Batch: 702130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	5030C	
MB 570-702130/5-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-702130/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-702130/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	

GC Semi VOA

Prep Batch: 703696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	Rotary Shaker	
MB 570-703696/1-A	Method Blank	Total/NA	Solid	Rotary Shaker	
LCS 570-703696/2-A	Lab Control Sample	Total/NA	Solid	Rotary Shaker	
LCSD 570-703696/3-A	Lab Control Sample Dup	Total/NA	Solid	Rotary Shaker	
570-269347-1 MS	COMP01_02262026	Total/NA	Solid	Rotary Shaker	
570-269347-1 MSD	COMP01_02262026	Total/NA	Solid	Rotary Shaker	

Analysis Batch: 703910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	8015B	703696
MB 570-703696/1-A	Method Blank	Total/NA	Solid	8015B	703696
LCS 570-703696/2-A	Lab Control Sample	Total/NA	Solid	8015B	703696
LCSD 570-703696/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	703696
570-269347-1 MS	COMP01_02262026	Total/NA	Solid	8015B	703696
570-269347-1 MSD	COMP01_02262026	Total/NA	Solid	8015B	703696

Metals

Prep Batch: 702071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	3050B	
MB 570-702071/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-702071/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-702071/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 702724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	6010B	702071
MB 570-702071/1-A	Method Blank	Total/NA	Solid	6010B	702071
LCS 570-702071/2-A	Lab Control Sample	Total/NA	Solid	6010B	702071
LCSD 570-702071/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	702071

Prep Batch: 703191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	7471A	
MB 570-703191/1-A	Method Blank	Total/NA	Solid	7471A	

Eurofins Calscience

QC Association Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Metals (Continued)

Prep Batch: 703191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-703191/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-703191/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 703730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	7471A	703191
MB 570-703191/1-A	Method Blank	Total/NA	Solid	7471A	703191
LCS 570-703191/2-A	Lab Control Sample	Total/NA	Solid	7471A	703191
LCSD 570-703191/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	703191

General Chemistry

Analysis Batch: 702722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-269347-1	COMP01_02262026	Total/NA	Solid	Moisture - 2540	
MB 570-702722/1	Method Blank	Total/NA	Solid	Moisture - 2540	
570-269347-1 DU	COMP01_02262026	Total/NA	Solid	Moisture - 2540	

Lab Chronicle

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Client Sample ID: COMP01_02262026

Lab Sample ID: 570-269347-1

Date Collected: 02/26/26 11:45

Matrix: Solid

Date Received: 02/26/26 12:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	702130	02/27/26 08:00	AJ4K	EET CAL 4
Total/NA	Analysis	8260B		1	5 g	5 mL	702017	02/27/26 12:51	AJ4K	EET CAL 4
Instrument ID: GCMSGGG										
Total/NA	Prep	Rotary Shaker			10.25 g	10 mL	703696	03/03/26 13:00	O4O2	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	703910	03/04/26 02:16	H6FE	EET CAL 4
Instrument ID: GC50A										
Total/NA	Prep	3050B			2.01 g	50 mL	702071	02/27/26 10:10	GYR8	EET CAL 4
Total/NA	Analysis	6010B		5			702724	02/27/26 22:29	P1R	EET CAL 4
Instrument ID: ICP12										
Total/NA	Prep	7471A			0.49 g	50 mL	703191	03/02/26 14:08	VCN7	EET CAL 4
Total/NA	Analysis	7471A		1			703730	03/03/26 12:26	JP8N	EET CAL 4
Instrument ID: HG7										
Total/NA	Analysis	Moisture - 2540		1			702722	02/27/26 17:34	N9ZN	EET CAL 4
Instrument ID: MOI3										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-27
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
Moisture - 2540		Solid	Percent Moisture

Method Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
7471A	Mercury (CVAA)	SW846	EET CAL 4
Moisture - 2540	Percent Moisture	SM	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
7471A	Preparation, Mercury	SW846	EET CAL 4
Rotary Shaker	Rotary Shaker Extraction	None	EET CAL 4

Protocol References:

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Project/Site: 700184002

Job ID: 570-269347-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-269347-1	COMP01_02262026	Solid	02/26/26 11:45	02/26/26 12:38	California

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 570-269347-1

Login Number: 269347

List Source: Eurofins Calscience

List Number: 1

Creator: Ablian, Samantha

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	