



November 7, 2025

Michael Ducote
Prometheus Real Estate Group
1 North B Street, Suite 4000
San Mateo, California

Re: CITADEL Project No. 3067.1038.0
Additional Sampling Investigation
924 & 940 San Rafael Avenue
Mountain View, California

Dear Mr. Ducote:

Citadel EHS (Citadel), is pleased to provide you with this additional sampling investigation report for the property located at 924 and 940 San Rafael Avenue in Mountain View, California (the Site, Figure 1). This report was prepared in general accordance with Citadel's Proposal 3067.1038.P, dated September 4, 2025, and a mutually agreed upon scope of work.

SITE BACKGROUND

The Site is identified as Santa Clara County Assessor's Parcel Numbers (APNs) 153-17-044 and 153-17-045. The Site totals approximately 1.8 acres and is currently developed with a single garage/shop building and associated paved parking areas. The Site is currently vacant. Citadel understands the Site is planned to be redeveloped into a 37-unit at-grade residential townhouse development (Figure 2).

This additional sampling was conducted to assess previously identified recognized environmental conditions (RECs) presented in the *Phase I and Limited Phase II Environmental Site Assessment*, prepared by Geosyntec Consultants, dated May 8, 2017 (Phase I/II) and to address subsequent recommendations provided in the *Environmental Review* letter prepared by David J. Powers & Associates on July 30, 2025 to support the California Environmental Quality Act (CEQA) review process.

SCOPE OF WORK

The additional sampling activities were completed on September 16 through 18, 2025. The scope of work consisted of a combination of on-Site soil and soil vapor sampling, summarized as follows:

- Evaluate soil vapor conditions within the planned future building footprints: 1) near a former underground storage tank (UST) area; and 2) upgradient of a previous groundwater sample location (GW-2) where trichloroethylene (TCE) had been previously detected at a concentration slightly above the California maximum contaminant level (MCL);
- Evaluate soil conditions beneath a reported oil-water separator (OWS) and sump located adjacent to the garage/shop building;
- Evaluate soil conditions beneath a former hazardous material and petroleum products storage shed located at the southern side of the Site;

- Evaluate shallow soil conditions across the Site, adjacent to former buildings and structures, for the presence of lead from suspected historical lead-based paint use; and
- Evaluate shallow soil conditions across the Site for the presence of pesticides, given historical Site use as an orchard.

On September 16 and 17, 2025, drilling activities were conducted by Legacy Remediation, Inc., a C-57 licensed contractor, under the oversight of Citadel personnel. All work was performed under direction of a Citadel California-licensed geologist. Approximate boring locations are shown on the attached Figure 2. For reference, historical borings collected from the Site are also included on Figure 2.

Pre-Field Activities

Prior to initiating field work, Citadel performed the following pre-field activities:

- Marked the proposed sampling locations for Underground Service Alert (USA);
- Prepared a Site-specific Health and Safety Plan (HASP) with task-specific job safety analysis (JSA) forms;
- Coordinated subcontractors (drillers and analytical laboratories) required for Site investigation activities; and
- On September 11, 2025, conducted an underground utility survey to confirm the presence or absence of the reported OWS and sump, and to clear the proposed drilling locations of underground utilities and other possible subsurface obstructions. The OWS and sump were found to be present, identified both visually and with the aid of underground utility scanning equipment. The bottoms of both features were measured at approximately 2.5 feet below ground surface (bgs).

Santa Clara Valley Water District (SCVWD) drilling permits were not required as borings did not extend deeper than 45 feet bgs.

Soil Borings and Logging

A total of 21 borings (CSB-1 through CSB-9; SSB-1 through SSB-6; and SVP-1 through SVP-6) were advanced during the September 2025 investigation:

- Soil borings near the former hazardous material and petroleum product storage shed (CSB-1, CSB-2, and CSB-3) were advanced to a depth of 3 feet bgs;
- The six shallow soil borings advanced to evaluate lead and pesticides across the Site (SSB-1 through SSB-6) were advanced to a depth of 3 feet bgs;
- Soil borings near the OWS (CSB-7, CSB-8, and CSB-9) and sump (CSB-4, CSB-5, and CSB-6) were advanced to a depth of 6.5 feet bgs, approximately 4 feet below the bottom of both features.
- Soil vapor borings (SVP-1 through SVP-6) were advanced to a depth of 5.5 feet bgs.

Each soil boring and soil vapor boring were advanced using a hand auger to total depth. During hand augering at each borehole, soil was visually characterized and described using the Unified Soil Classification System (USCS). Soil samples were field screened for total volatile organic compounds (VOCs) using a handheld photoionization detector (PID).

Soil conditions at the Site consisted primarily of silty and poorly graded sand to depths of approximately 0.5 to 2 feet bgs, underlain by lean clay containing varying amounts of sand and gravel to the maximum depths explored. Faint petroleum odors were observed in several borings. Groundwater was not encountered in any of the borings. Boring logs included as Attachment A.

Soil Sampling

At each boring in the OWS and sump area, soil samples were collected below the bottom of these features (the bottoms of the OWS and sump were both measured at 2.5 feet bgs), at depths of 3 and 6 feet bgs. At each boring in the former hazardous material and petroleum products storage shed and at each of the shallow soil borings located across the Site, soil samples were collected at depths of 0.5 and 3 feet bgs. Soil samples were collected in laboratory-supplied sample containers, labeled, placed in a chilled cooler, and transported under standard chain-of-custody (COC) protocol to Pace Analytical, a California-certified laboratory, for analysis.

The soil samples were analyzed as follows:

- Soil samples collected from the OWS, sump, and former hazardous material and petroleum products storage shed were analyzed for total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), and motor oil (TPHmo) using United States Environmental Protection Agency (USEPA) Method 8015; VOCs using USEPA Method 8260; and semivolatile organic compounds (SVOCs) using USEPA Method 8270.
- Soil samples collected from the shallow soil borings located across the Site were analyzed for California Administrative Manual (CAM)-17 Metals using USEPA Method 6010/7471 and organochlorine pesticides (OCPs) using USEPA Method 8081.

Following receipt of the initial analytical results, additional leachability analyses were performed on samples using the following industry rules-of-thumb:

- If 10 times the absolute value of the detected soil concentration exceeded the Soluble Threshold Limit Concentration (STLC), then a California Waste Extraction Test (CA WET) was performed; and
- If 20 times the absolute value of the detected soil concentration exceeded the RCRA Toxicity Characteristic Leaching Procedure (TCLP), then a TCLP was performed.

Given the above criteria, one sample (SSB-2-0.5') underwent CA WET/STLC for barium and seven samples (SSB-1-0.5', SSB-1-3', SSB-2-3', SSB-4-3', SSB-5-3', SSB-6-0.5', and SSB-6-3) underwent CA WET/STLC for chromium.

Soil Vapor Probe Installation

Temporary soil vapor probes were installed at a depth of 5 feet bgs in accordance with the methods and procedures outlined in the Advisory – Active Soil Gas Investigations (Advisory). The soil vapor probes were constructed using 1/4-inch diameter Teflon™ tubing, fitted with a vapor probe implant installed at the target depth with a three-way valve at the surface. The annulus surrounding the implant was filled with #2/12 Monterey sand to six inches above and below the implant, followed by a 6-inch layer of dry granulated bentonite, and hydrated bentonite chips to ground surface. Soil vapor probe construction details are presented in the boring logs in Attachment A.

Soil Vapor Probe Sampling

Soil vapor probes were sampled on September 18, 2025. Each sample was collected in accordance with the Advisory. At each sampling point a shut-in test was conducted and a total of three system volumes were removed prior to sampling. A helium shroud was used to conduct a leak test at each sampling point. An average of 20 percent (%) helium was monitored and maintained under the helium shroud during sample collection. Soil vapor samples were collected from each location in 1-liter SUMMA canisters, labeled, handled under standard COC protocols, and transported to Pace Analytical, a California-certified laboratory, for analysis. The samples were analyzed for VOCs and TPHg using USEPA Method TO-15 and fixed gases, including the leak check compound helium, using modified American Society for Testing and Materials (ASTM) Method D 1946. Field data sheets are provided in Attachment B.

INVESTIGATION DERIVED WASTE MANAGEMENT

Investigation derived waste (IDW) consisted of soil cuttings. IDW is stored on-Site in a properly labeled 55-gallon drum. Following waste characterization profiling, IDW will be disposed of in accordance with applicable laws and regulations.

INVESTIGATION RESULTS

Soil

Soil analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Tier 1 ESLs and direct exposure human health risk levels for residential shallow soil exposure (residential ESLs) and commercial shallow soil exposure (commercial ESLs). Published background levels for metals were also considered in the comparative analysis.

TPH and VOC concentrations are presented in Table 1. Constituents reported above Tier 1 ESLs (the most stringent value considering all screening levels) are summarized as follows:

- TPH_{mo} was detected in 15 of 18 soil samples at concentrations ranging from 4.92 J¹ milligrams per kilogram (mg/kg) to 4,320 mg/kg. The TPH_{mo} concentration in one sample (CSB-2-0.5') exceeded the Tier 1 ESL of 1,600 mg/kg but was below the residential ESL of 12,000 mg/kg.
- Naphthalene was detected in three of 18 soil samples at concentrations ranging from 0.0155 mg/kg to 0.0841 mg/kg. The naphthalene concentration in one sample (CSB-7-3') exceeded the Tier 1 ESL of 0.030 mg/kg but was below the residential ESL of 2.0 mg/kg.
- TPH_g, TPH_d, and other VOCs were detected above laboratory reporting limits in one or more soil samples but were either below the Tier 1 ESL or there is no established ESL and are not considered drivers for future investigation or remediation.

SVOC and OCP concentrations are presented in Tables 2 and 3, respectively. No SVOCs or OCPs were reported above their respective ESLs in any of the soil samples analyzed.

Metals concentrations are presented in Table 4. Metals with reported concentrations above Tier 1 ESLs, residential ESLs, commercial ESLs, and/or background levels are summarized as follows:

- Barium was detected above the Tier 1 ESL of 390 mg/kg and the Bay Area background level of 410 mg/kg in three of the 12 samples (SSB-2-0.5', SSB-3-0.5', and SSB-4-0.5') at concentrations ranging from 572 mg/kg to 1,090 mg/kg. Barium was detected above the threshold to require CA WET/STLC analysis of 1,000 mg/kg in one sample (SSB-2-0.5'). CA WET/STLC analysis for barium was performed by the laboratory and results indicated the soil would not be characterized as California Hazardous (Non-RCRA) hazardous waste, if disposed of. STLC results are included on Table 4.
- Chromium was not detected above the Tier 1 ESL of 160 mg/kg² in any of the soil samples analyzed; however, chromium was detected above the threshold to require CA WET/STLC analysis of 50 mg/kg in seven samples (SSB-1-0.5', SSB-1-3', SSB-2-3', SSB-4-3', SSB-5-3', SSB-6-0.5', and SSB-6-3'). CA WET/STLC analysis for chromium was performed for each sample by the laboratory and results indicated the soil would not be characterized as California Hazardous (Non-RCRA) hazardous waste, if disposed of. STLC results are included on Table 4.
- Arsenic, nickel, and vanadium were detected in each of the soil samples at concentrations above their respective Tier 1 ESLs but below their respective Bay Area background levels.

¹ J flagged = estimated value.

² ESL value is for total chromium.

- No additional metals were detected above the Tier 1 ESLs and background levels in the analyzed soil samples.

Laboratory analytical reports are included in Attachment C.

Soil Vapor

Soil vapor samples were analyzed for VOCs and TPHg using USEPA Method TO-15. VOC constituents were compared to SFBRWQCB subslab/soil gas ESLs for residential and commercial land use (residential and commercial ESLs). A summary of the detections is shown in Table 5 and summarized below:

- Benzene was detected in five of six soil vapor samples at concentrations ranging from 0.776 to 9.26 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Two soil vapor samples (SVP-5 and SVP-6) had concentrations above the residential ESL of $3.2 \mu\text{g}/\text{m}^3$, but below the commercial ESL of $14 \mu\text{g}/\text{m}^3$.

Other VOCs were detected above laboratory reporting limits but were either below the residential and commercial ESLs or there is no established ESL and are not considered drivers for future investigation or remediation.

Soil vapor samples were additionally analyzed for fixed gases (oxygen, carbon dioxide, and methane) using ASTM Method D-1946. Results are shown in Table 6 and are summarized below:

- Oxygen was detected in each of the soil vapor samples at concentrations ranging from 18.1 to 20.2%.
- Carbon dioxide was detected in three of six soil vapor samples at concentrations ranging from 0.677 to 1.29%.
- Methane was not detected above laboratory reporting limits in any of the soil vapor samples.

Laboratory analytical reports are included in Attachment C.

Quality Assurance/Quality Control Sampling

Helium was used as a leak check compound for collection of the soil vapor samples for analysis of VOCs by USEPA Method TO-15. To evaluate the potential leak at the soil vapor probes, a ratio of the concentration of helium measured in the samples to the average concentration of helium under the shroud during sample collection was estimated. According to the Advisory, a leak threshold of 5% is considered acceptable when a quantitative leak check compound is used under the sampling shroud. Helium was detected above the laboratory reporting limit in one soil vapor sample (SVP-2) at a concentration of 0.235%. This resulted in a calculated leak ratio of 1.00%, which is below the acceptable leak threshold. Therefore, the TO-15 data were considered valid and representative. A summary of helium data is shown on Table 6. Laboratory analytical reports are included in Attachment C.

DISCUSSION OF KEY RESULTS AND CONCLUSIONS

TPH, VOCs, SVOCs, and OCPs were not reported in soil above Tier 1 ESLs with the exception of TPHmo in one sample (CSB-2-0.5') and naphthalene in one sample (CSB-7-3'). The Tier 1 ESLs are based on terrestrial habitat for TPHmo and soil leaching for naphthalene, which are not applicable for an urban development that is primarily capped with buildings and hardscape. Furthermore, these Tier 1 exceedances are isolated to a single location, and the detected concentrations are relatively low, not indicative of a significant release or widespread impact. The reported TPHmo and naphthalene concentrations in these samples are well below the more applicable residential and construction worker ESLs.

Metals were not reported above Tier 1 ESLs and background levels with the exception of barium in three shallow (0.5 feet bgs) soil samples located in the central-eastern portion of the Site. The

Tier 1 ESL for barium is based on terrestrial habitat, which is not applicable for an urban development that is primarily capped with buildings and hardscape. The reported barium concentrations in these samples are below the more applicable residential ESL of 15,000 mg/kg and construction worker ESL of 2,200 mg/kg. Results of the CA WET/STLC analysis for barium indicate the soil would not be characterized as California hazardous waste, if disposed of.

Benzene was reported in two soil vapor samples at concentrations that exceed residential ESLs; however, the ESLs do not account for bioattenuation and can be overly conservative at Sites where biodegradation is occurring. The CalEPA Supplemental Guidance: Screening and Evaluating Vapor Intrusion (Supplemental Guidance)³ recommends the application of bioattenuation factors (BAFs) to risk-based soil vapor SLs at sites where biodegradation has been demonstrated. The Supplemental Guidance specifies the use of the following BAFs based on oxygen concentrations:

- 1.0 BAF for oxygen content less than 1% (inadequate bioattenuation zone)
- 0.1 BAF for oxygen content at least 1% and less than 4% (weak bioattenuation zone)
- 0.001 BAF for oxygen content equal or greater than 4% (strong bioattenuation zone)

Resulting oxygen concentrations in soil vapor samples were between 18.1 and 20.2%, indicating a strong bioattenuation zone. Using the 0.001 BAF for strong bioattenuation zones, the screening evaluation results are as follows:

$$C_{IA} = C_{SV} \times AF \times BAF$$

Where:

C_{IA} = Indoor air concentration;

C_{SV} = soil vapor concentration;

AF = soil vapor to indoor air attenuation factor; 0.03; and

BAF = bioattenuation factor; 0.001.

Using the equation above, the calculated screening-level estimate for potential indoor air concentrations associated with the maximum detected benzene soil vapor concentration of 9.26 $\mu\text{g}/\text{m}^3$ is 0.000278 $\mu\text{g}/\text{m}^3$. This value represents a theoretical upper-bound estimate for potential vapor intrusion and is well below the residential indoor air ESL of 0.097 $\mu\text{g}/\text{m}^3$.

Based on the presence of a strong bioattenuation zone at both soil vapor probe locations, the benzene concentrations in soil vapor will bioattenuate and are not considered to represent a vapor intrusion concern or a driver for further investigation or mitigation during property redevelopment.

³ CalEPA, 2023. Supplemental Guidance: Screening and Evaluating Vapor Intrusion, Final Draft. California Department of Toxic Substances Control and California State Water Resources Control Board. February.

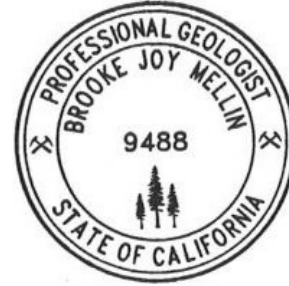
CLOSING

If you have any questions or require additional information, please do not hesitate to contact Brooke Mellin at (650) 207-6031 or Kirsten Duey at (925) 683-8177.

Sincerely,
CITADEL EHS



Brooke Mellin, P.G.
Senior Geologist, Engineering and Environmental Sciences



Kirsten Duey
Principal Engineer, Engineering and Environmental Sciences

Attachments:

Figure 1 – Site Location Map

Figure 2 – Site Plan with Sampling Locations

Table 1 – Soil Analytical Results – TPH and VOCs

Table 2 – Soil Analytical Results – SVOCs

Table 3 – Soil Analytical Results – OCPs

Table 4 – Soil Analytical Results – Metals

Table 5 – Soil Vapor Analytical Results – VOCs and TPHg

Table 6 – Soil Vapor Analytical Results – Fixed Gases

Attachment A – Boring Logs

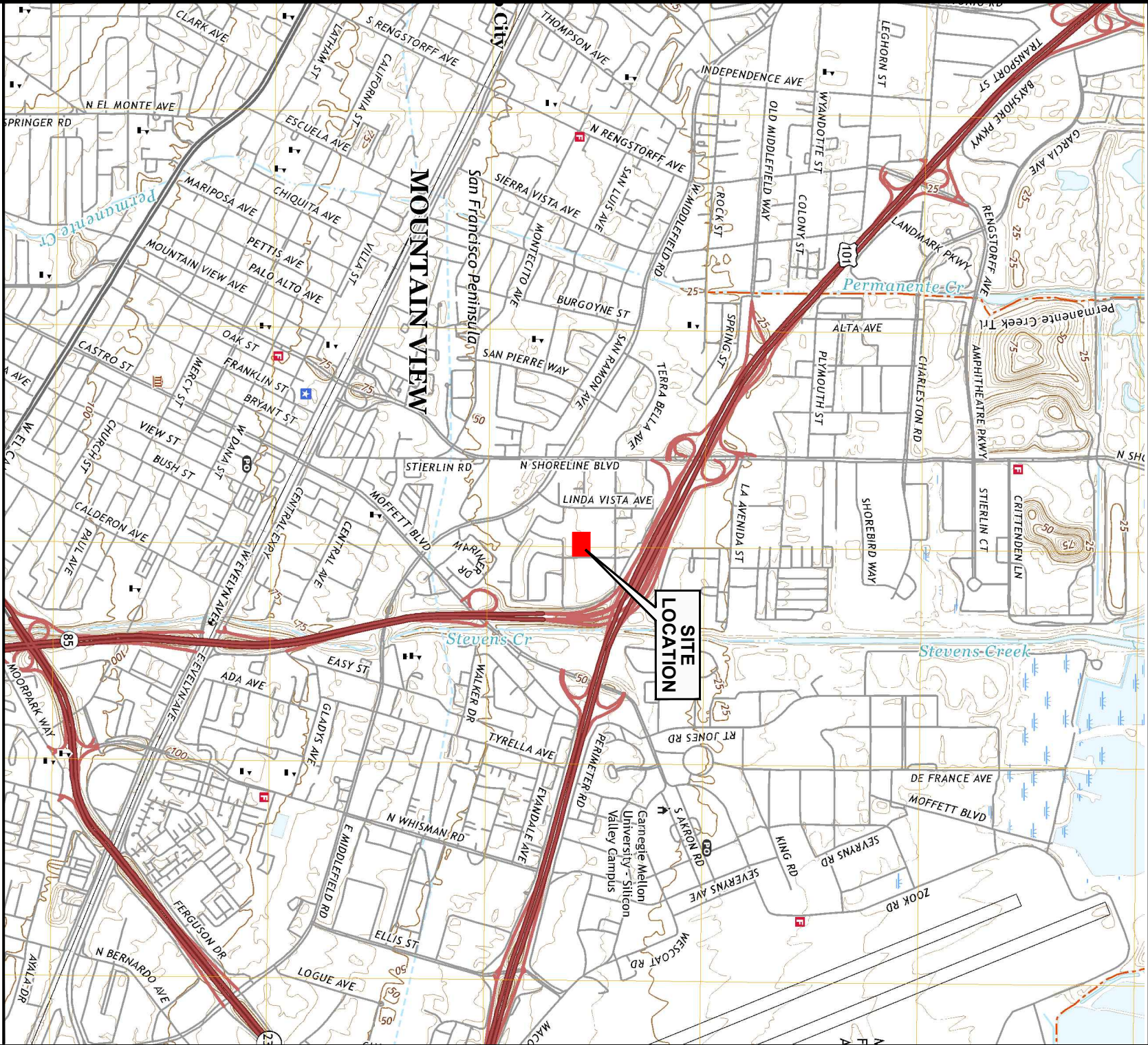
Attachment B – Field Data Sheets

Attachment C – Laboratory Analytical Reports

LIMITATIONS

This report was prepared in accordance with generally and currently accepted engineering practices and principles. Although the data in this report is indicative of subsurface conditions in areas investigated, no further conclusions regarding the absence or presence of subsurface contamination at the site should be construed or inferred other than those expressly stated in this report. The conclusions made are based on information obtained from field observations, and from relevant Federal, State, regional, and local agencies.

Figures



Map Source:
USGS 7.5' Quadrangle, Mountain View, California, 2021

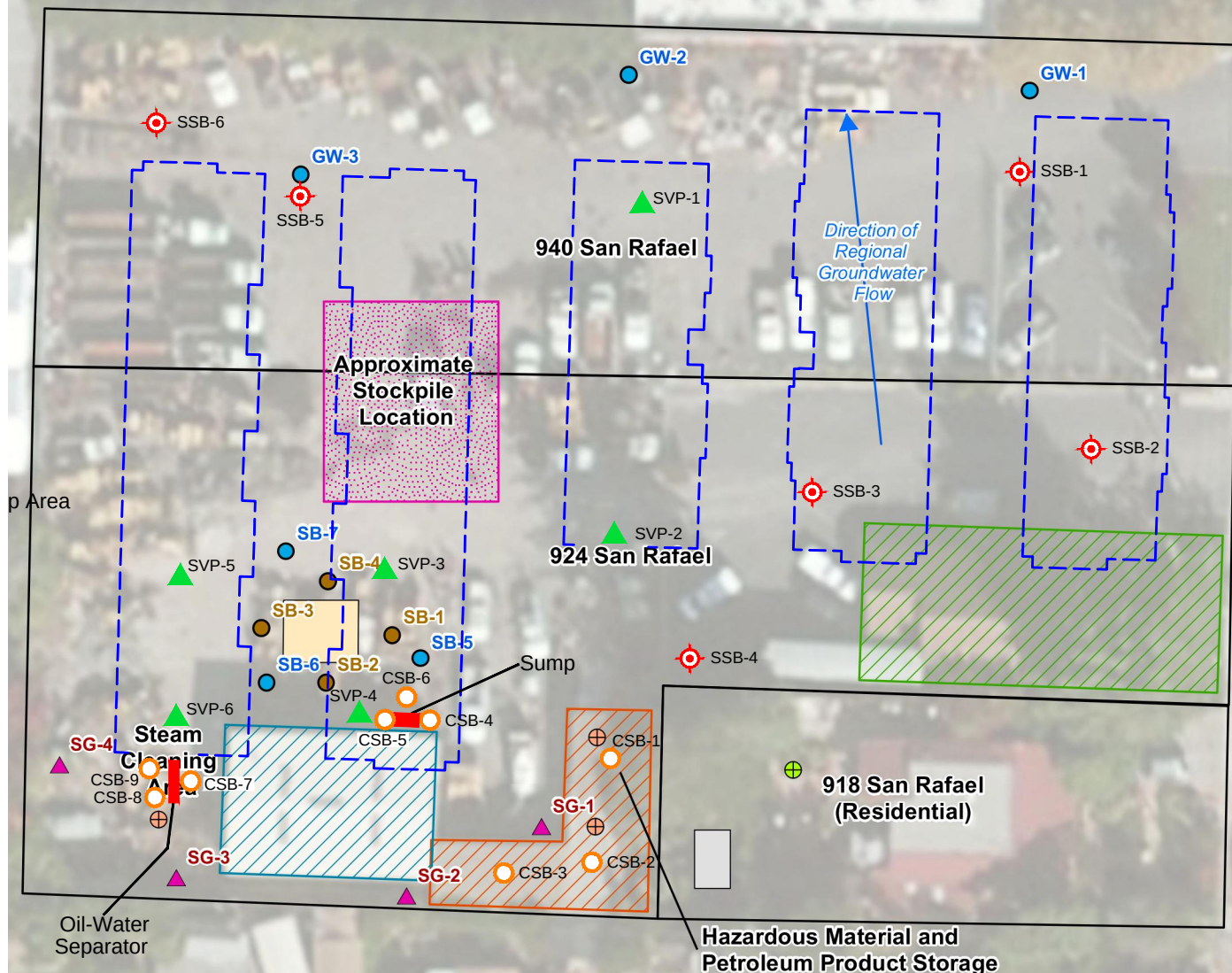


918, 924, AND
940 SAN RAFAEL AVENUE
MOUNTAIN VIEW, CALIFORNIA

SITE LOCATION MAP



PROJECT NO.	DATE	DRAWN BY:	APP. BY:	FIGURE
3067.1038.0	10/2025	EC	KD	1



LEGEND

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> POLE-MOUNTED TRANSFORMER (ESTIMATED LOCATION) CELL TOWER STORM DRAIN FORMER WELL LOCATION GEOSYNTEC SOIL SAMPLE (2017) GEOSYNTEC GROUNDWATER SAMPLE (2017) GEOSYNTEC SOIL GAS SAMPLE (2017) | <ul style="list-style-type: none"> SHALLOW SOIL BORING (METALS, PESTICIDES) SOIL BORING (TPH, VOCs, SVOCs) SOIL VAPOR PROBE | <ul style="list-style-type: none"> PROPERTY BOUNDARY OFFICE STORAGE SHED GARAGE/SHOP FORMER UST AREA (APPROXIMATE) FORMER SEPTIC TANK (APPROXIMATE) FUTURE BUILDING |
|---|--|--|

Tables

Table 1
Soil Analytical Results -TPH and VOCs
924/940 San Rafael Avenue
Mountain View, California

Boring ID	Sample Depth	Date	TPH by USEPA 8015B			VOCs by USEPA 8260B													
			TPHg	TPHd	TPHmo	Acetone	Benzene	n-Butyl-benzene	sec-Butylbenzene	Ethylbenzene	Naphthalene	n-Propyl-benzene	PCE	Toluene	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Total Xylenes	Other VOCs
	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tier 1 ESL ^{Note 1}			100	200	1,600	0.91	0.025	--	--	0.43	0.030	--	0.80	3.2	--	--	--	2.1	--
SFBRWQCB Commercial ESL ^{Note 2}			2,100	920	180,000	670,000	1.4	--	--	25	8.5	--	2.6	7,100	--	--	--	2,400	--
SFBRWQCB Residential ESL ^{Note 3}			460	200	12,000	61,000	0.33	--	--	5.8	2.0	--	0.59	1,400	--	--	--	580	--
CSB-1-0.5'	0.5	9/17/2025	2.75	ND<413	998 J	ND<0.429	ND<0.00429	ND<0.0537	ND<0.0537	ND<0.0107	ND<0.0537	ND<0.0215	0.0628 C5	ND<0.0215	ND<0.0215	ND<0.0215	ND<0.0215	ND<0.0279	ND
CSB-1-3'	3	9/17/2025	3.00	ND<4.82	17.9	ND<0.141	ND<0.00141	ND<0.0176	ND<0.0176	ND<0.00352	ND<0.0176	ND<0.00704	0.0335 C5	ND<0.00704	ND<0.00704	ND<0.00704	ND<0.00704	ND<0.00916	ND
CSB-2-0.5'	0.5	9/17/2025	2.50	ND<838	4,320	ND<0.492	ND<0.00492	ND<0.0615	ND<0.0615	ND<0.0123	ND<0.0615	ND<0.0246	ND<0.0123	ND<0.0246	ND<0.0246	ND<0.0246	ND<0.0246	ND<0.0320	ND
CSB-2-3'	3	9/17/2025	ND<3.70	5.20	80	ND<0.429	ND<0.00148	ND<0.0185	ND<0.0185	ND<0.00370	ND<0.0185	ND<0.00741	0.0268 C5	ND<0.00741	ND<0.00741	ND<0.00741	ND<0.00741	ND<0.00963	ND
CSB-3-0.5'	0.5	9/17/2025	2.88	ND<416	2,560	ND<0.108	0.00318	ND<0.0135	ND<0.0135	0.00367	0.0155	0.00184 J	ND<0.00270	0.0121	0.00853	0.00198 J	0.00426 J	0.0243	ND
CSB-3-3'	3	9/17/2025	3.42	6.69	64.9	ND<0.160	ND<0.00160	ND<0.0201	ND<0.0201	ND<0.00401	ND<0.0201	ND<0.0802	0.0107 C5	ND<0.00802	ND<0.00802	ND<0.00802	ND<0.00802	ND<0.0104	ND
CSB-4-3'	3	9/17/2025	ND<3.39	ND<4.63	25.9	ND<0.136	ND<0.00136	ND<0.0169	ND<0.0169	ND<0.00339	ND<0.0169	ND<0.00678	ND<0.00339	ND<0.00678	ND<0.00678	ND<0.00678	ND<0.00678	ND<0.00881	ND
CSB-4-6'	6	9/17/2025	ND<4.11	ND<5.15	ND<5.15	ND<0.165	ND<0.00165	ND<0.0206	ND<0.0206	ND<0.00411	ND<0.0206	ND<0.00823	ND<0.00411	ND<0.00823	ND<0.00823	ND<0.00823	ND<0.00823	ND<0.0107	ND
CSB-5-3'	3	9/16/2025	ND<3.89	ND<5.06	4.92 J	ND<0.156	ND<0.00156	ND<0.0195	ND<0.0195	ND<0.00389	ND<0.0193 C3	ND<0.00779	ND<0.00389	ND<0.00779	ND<0.00779	ND<0.00779	ND<0.00779	ND<0.0101	ND
CSB-5-6'	6	9/16/2025	ND<3.68	3.92 J	54.0	0.132 J	ND<0.00147	ND<0.0184	ND<0.0184	ND<0.00368	ND<0.0184	ND<0.00735	ND<0.00368	ND<0.00735	ND<0.00735	ND<0.00735	ND<0.00735	ND<0.00957	ND
CSB-6-3'	3	9/17/2025	ND<3.63	ND<4.82	9.54 J	ND<0.145	ND<0.00145	ND<0.0181	ND<0.0181	ND<0.00363	ND<0.0181	ND<0.00725	ND<0.00363	ND<0.00725	ND<0.00725	ND<0.00725	ND<0.00725	ND<0.00943	ND
CSB-6-6'	6	9/17/2025	ND<3.99	ND<5.09	7.36 J	ND<0.160	ND<0.00160	ND<0.0200	ND<0.0200	ND<0.00399	ND<0.0200	ND<0.00798	ND<0.00399	ND<0.00798	ND<0.00798	ND<0.00798	ND<0.00798	ND<0.0104	ND
CSB-7-3'	3	9/16/2025	ND<3.37	5.97	67.9	ND<0.135	0.00125 J	0.0286	0.0130 J	0.0891	0.0841 C3	0.0361	ND<0.00337	ND<0.00674	0.0583	0.0255	0.0110	0.0350	ND
CSB-7-6'	6	9/16/2025	ND<3.91	ND<3.91	ND<5.08	ND<0.156	ND<0.00156	ND<0.0196	ND<0.0196	ND<0.00391	ND<0.0196 C3	ND<0.00782	ND<0.00391	0.00462 J	ND<.00782	ND<0.00782	ND<0.00782	ND<0.0102	ND
CSB-8-3'	3	9/16/2025	ND<4.81	ND<4.81	10.0 J	ND<0.192	ND<0.00192	ND<0.0241	ND<0.0241	0.00207 J	0.0173 C3	0.00672 J	ND<0.00481	ND<0.00961	ND<0.00961	ND<0.00961	ND<0.00961	ND<0.00125	ND
CSB-8-6'	6	9/16/2025	ND<4.07	ND<4.07	ND<5.11	ND<0.163	ND<0.00163	ND<0.0203	ND<0.0203	ND<0.00407	ND<0.0203 C3	ND<0.00814	ND<0.00407	ND<0.00814	ND<0.00514	ND<0.00814	ND<0.00814	ND<0.0106	ND
CSB-9-3'	3	9/16/2025	ND<3.16	ND<3.16	293	ND<0.127	ND<0.00127	ND<0.0158	ND<0.0158	0.00157 J	ND<0.0158 C3	0.00459 J	ND<0.00316	ND<0.00633	ND<0.00633	ND<0.00633	ND<0.00633	ND<0.00822	ND
CSB-9-6'	6	9/16/2025	ND<3.86	ND<3.89	14.6	ND<0.154	ND<0.00154	ND<0.0193	ND<0.0193	ND<0.00386	ND<0.0193 C3	ND<0.00772	ND<0.00386	ND<0.00772	ND<0.00778	ND<0.00772	ND<0.00772	ND<0.0100	ND

Notes:

Yellow shaded values exceed Tier 1 ESL.

^{Note 1} SFRWQCB Tier 1 Environmental Screening Levels, 2025 (Rev. 3).

^{Note 2} SFBRWQCB, Direct Exposure Human Health Risk Levels for Commercial Shallow Soil Exposure, 2025 (Rev. 3).

^{Note 3} SFBRWQCB, Direct Exposure Human Health Risk Levels for Residential Shallow Soil Exposure, 2025 (Rev. 3).

^{Note 4} "CSB-" used instead of "SB-" to differentiate from historical borings; however, the laboratory report lists these borings as "SB-".

bgs = Below ground surface.

TPH = total petroleum hydrocarbons as gasoline (TPH_g), diesel (TPH_d), and motor oil (TPH_{mo})

VOC = volatile organic compound

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board.

ESL = Environmental Screening Level.

-- = No value established, Not analyzed.

ND <0.02 = Not detected above the noted laboratory reporting limit.

mg/kg = Milligrams per kilogram.

C3 = Low estimated value.

C5 = High estimated value.

J = Estimated value.

Table 2
Soil Analytical Results -SVOCs
924/940 San Rafael Avenue
Mountain View, California

Boring ID	Sample Depth	Date	SVOCs by USEPA 8270E										
			Benzo(a)anthra-cene	Benzo(b)fluoran-thene	Benzo(g,h,i)pery-lene	Benzo(a)pyrene	Chrysene	Fluoranthene	Indenopyrene	Naphthalene	Phenanthrene	Pyrene	Other SVOCs
	(feet bgs)		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tier 1 ESL ^{Note 1}			0.63	1.1	--	0.11	2.2	0.69	0.48	0.030	--	44	--
SFBRWQCB Commercial ESL ^{Note 2}			21	21	--	2.1	2,100	30,000	21	8.5	--	23,000	--
SFBRWQCB Residential ESL ^{Note 3}			1.1	1.1	--	0.11	110	2,400	1.1	2.0	--	1,800	--
CSB-1-0.5'	0.5	9/17/2025	0.0448 J	0.0786 J	ND<0.343	ND<0.343	0.0483 J	0.0589 J	ND<0.343	ND<0.343	ND<0.343	0.0647 J	ND
CSB-1-3'	3	9/17/2025	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND
CSB-2-0.5'	0.5	9/17/2025	0.207 J	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND<1.75	ND
CSB-2-3'	3	9/17/2025	ND<0.0409	ND<0.0409	ND<0.0409	ND<0.0409	ND<0.0409	ND<0.0409	ND<0.0409	ND<0.0409	0.00893 J	ND<0.0409	ND
CSB-3-0.5'	0.5	9/17/2025	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND<1.74	ND
CSB-3-3'	3	9/17/2025	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND<0.0850	ND
CSB-4-3'	3	9/17/2025	ND<0.0385	ND<0.0385	ND<0.0385	ND<0.0385	ND<0.0385	0.00697 J	ND<0.0385	ND<0.0385	ND<0.0385	0.00563 J	ND
CSB-4-6'	6	9/17/2025	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND<0.0428	ND
CSB-5-3'	3	9/16/2025	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND<0.0421	ND
CSB-5-6'	6	9/16/2025	ND<0.0405	ND<0.0405	ND<0.0405	ND<0.0405	ND<0.0405	ND<0.0405	ND<0.0405	ND<0.0405	0.00673 J	ND<0.0405	ND
CSB-6-3'	3	9/17/2025	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND
CSB-6-6'	6	9/17/2025	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND
CSB-7-3'	3	9/16/2025	ND<0.0772	ND<0.0772	ND<0.0772	0.0493 J	ND<0.0772	ND<0.0772	0.0432 J	0.0286 J	ND<0.0772	ND<0.0772	ND
CSB-7-6'	6	9/16/2025	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND<0.0423	ND
CSB-8-3'	3	9/16/2025	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	ND<0.0401	0.0159 J	ND<0.0401	ND<0.0401	ND
CSB-8-6'	6	9/16/2025	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND<0.0426	ND
CSB-9-3'	3	9/16/2025	0.0109 J	0.0293 J	0.0222 J	0.0641 J	0.0195 J	0.0151 J	0.0561 J	ND<0.0750	ND<0.0750	0.0205 J	ND
CSB-9-6'	6	9/16/2025	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND<0.0417	ND

Notes:

Yellow shaded values exceed Tier 1 ESL.

^{Note 1} SFRWQCB Tier 1 Environmental Screening Levels, 2025 (Rev. 3).

^{Note 2} SFBRWQCB, Direct Exposure Human Health Risk Levels for Commercial Shallow Soil Exposure, 2025 (Rev. 3).

^{Note 3} SFBRWQCB, Direct Exposure Human Health Risk Levels for Residential Shallow Soil Exposure, 2025 (Rev. 3).

^{Note 4} "CSB-" used instead of "SB-" to differentiate from historical borings; however, the laboratory report lists these borings as "SB-".

bgs = Below ground surface.

SVOC = semivolatile organic compound

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board.

ESL = Environmental Screening Level.

-- = No value established, Not analyzed.

ND <0.02 = Not detected above the noted laboratory reporting limit.

mg/kg = Milligrams per kilogram.

J = Estimated value.

Table 3
Soil Analytical Results - OCPs
924/940 San Rafael Avenue
Mountain View, California

Boring ID	Sample Depth (feet bgs)	Date	OCPs by USEPA 8081	
			4,4-DDE	Other OCPs
			mg/kg	mg/kg
Tier 1 ESL ^{Note 1}			0.33	--
SFBRWQCB Commercial ESL ^{Note 2}			9.3	--
SFBRWQCB Residential ESL ^{Note 3}			2.0	--
SSB-1-0.5'	0.5	9/17/2025	ND<4.20	ND
SSB-1-3'	3	9/17/2025	ND<0.0248	ND
SSB-2-0.5'	0.5	9/17/2025	ND<0.0205	ND
SSB-2-3'	3	9/17/2025	ND<0.0250	ND
SSB-3-0.5'	0.5	9/17/2025	ND<0.0207	ND
SSB-3-3'	3	9/17/2025	ND<0.0267	ND
SSB-4-0.5'	0.5	9/17/2025	ND<0.0207	ND
SSB-4-3'	3	9/17/2025	ND<0.0244	ND
SSB-5-0.5'	0.5	9/17/2025	ND<0.0205	ND
SSB-5-3'	3	9/17/2025	0.015 J P	ND
SSB-6-0.5'	0.5	9/17/2025	ND<0.0206	ND
SSB-6-3'	3	9/17/2025	ND<0.0241	ND

Notes:

Samples analyzed using USEPA Method 8081B.

^{Note 1} SFRWQCB Tier 1 Environmental Screening Levels, 2025 (Rev. 3).

^{Note 2} SFBRWQCB, Direct Exposure Human Health Risk Levels for Commercial Shallow Soil Exposure, 2025 (Rev. 3).

^{Note 3} SFBRWQCB, Direct Exposure Human Health Risk Levels for Residential Shallow Soil Exposure, 2025 (Rev. 3).

bgs = Below ground surface.

OCP = organochlorine pesticide.

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board.

ESL = Environmental Screening Level.

-- = No value established, Not analyzed.

ND <0.50 = Not detected above the noted laboratory reporting limit.

mg/kg = Milligrams per kilogram.

DDE = Dichlorodiphenyldichloroethylene

Table 4
Soil Analytical Results - Metals
924/940 San Rafael Avenue
Mountain View, California

Boring ID	Sample Depth (feet bgs)	Date	Metals by USEPA Method 6010																		
			Antimony	Arsenic	Barium	Barium (STLC)	Beryllium	Cadmium	Chromium Note 6	Chromium (STLC)	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Tier 1 ESL Note 1			25	0.032	390	--	5.0	1.9	160	--	22	180	32	0.65	6.9	63	2.4	25	0.78	18	340
SFBRWQCB Commercial ESL Note 2			470	0.14	220,000	--	230	100	--	--	350	4,700	500	2.9	5,800	11,000	5,800	5,800	12	5,800	350,000
SFBRWQCB Residential ESL Note 3			31	0.032	15,000	--	16	7.1	--	--	23	3,100	80	0.67	390	820	390	390	0.78	390	23,000
Bay Area Background Metals in Soil Note 4			<6.0	11 Note 5	410	--	1.0	5.6	120	--	25	63	24	0.42	4.8	272	4.9	2.9	10	90	140
Threshold to Require STLC Analysis			150	50	1,000	--	7.5	10	50	--	800	250	50	2	3,500	200	10	50	70	240	2,500
Threshold to Require TCLP Analysis			--	100	2,000	--	--	20	100	--	--	--	100	4	--	--	20	100	--	--	--
STLC/TCLP Non-Hazardous Classification Limit			--	--	--	100	--	--	--	5	--	--	--	--	--	--	--	--	--	--	--
SSB-1-0.5'	0.5	9/17/2025	ND<2.10	3.97	249	--	0.335	0.218 J	73.6	0.225	13.2	49.3	13.2	0.0447	1.02	61.6	ND<2.10	0.184 J	ND<2.10	86.6	51.7
SSB-1-3'	3	9/17/2025	ND<2.48	2.55	351	--	0.689	0.203 J	75.6	0.213	14.4	33.1	10.9	0.0412 J	0.615 J	78.7	ND<2.48	0.310 J	ND<2.48	65.3	60.7
SSB-2-0.5'	0.5	9/17/2025	ND<2.05	2.05 J	1,090	6.42	0.258	0.543	49.3	--	11.0	27.2	5.22	0.175	1.02	61.5	1.22 J	0.210 J	ND<2.05	56.9	44.4
SSB-2-3'	3	9/17/2025	ND<2.50	1.95 J	277	--	0.724	0.183 J	70.4	0.187	10.9	31.0	10.0	0.0383 J	ND<0.625	65.5	ND<2.50	0.231 J	ND<2.50	56.2	56.2
SSB-3-0.5'	0.5	9/17/2025	ND<2.07	2.23	888	--	0.275	0.426 J	38.7	--	9.74	24.6	5.87	0.121	0.719	54.2	ND<2.07	0.165 J	ND<2.07	50.6	43.4
SSB-3-3'	3	9/17/2025	ND<2.67	1.79 J	350	--	0.406	0.117 J	27.3	--	6.56	10.0	8.71	ND<0.0533	ND<0.667	23.6	ND<2.67	ND<1.33	ND<2.67	49.8	80.1
SSB-4-0.5'	0.5	9/17/2025	ND<2.07	2.35	572	--	0.291	0.490 J	42.5	--	9.31	23.7	5.77	0.137	0.947	55.6	ND<2.07	0.202 J	ND<2.07	47.7	42.1
SSB-4-3'	3	9/17/2025	ND<2.44	1.35 J	281	--	0.571	0.205 J	51.7	0.166	7.86	24.4	7.57	ND<0.0489	ND<0.611	50.3	ND<2.44	0.207 J	ND<2.44	40.1	46.6
SSB-5-0.5'	0.5	9/17/2025	ND<2.05	2.42	308	--	0.346	0.314 J	39.2	--	10.1	33.4	23.7	0.049	0.705	47.9	1.53 J	0.140 J	ND<2.05	73.2	50.4
SSB-5-3'	3	9/17/2025	ND<2.45	4.22	250	--	0.68	0.351 J	71.3	0.410	15.4	47.0	24.3	0.0762	0.341 J	77.0	1.40 J	0.183 J	ND<2.45	74.9	92.7
SSB-6-0.5'	0.5	9/17/2025	ND<2.06	2.95	278	--	0.315	0.336 J	56.1	0.306	12.6	43.1	14.8	0.0515	0.87	57.1	ND<2.06	0.164 J	ND<2.06	85.6	54.6
SSB-6-3'	3	9/17/2025	ND<2.41	3.79	175	--	0.549	0.469 J	67.7	0.272	13.6	39.7	12.6	0.0423 J	0.218 J	62.6	ND<2.41	0.183 J	ND<2.41	74.4	63.6

Notes:

Yellow shaded values exceed the Tier 1 ESL and the Bay Area Background Level.

Values shown in red font exceed the threshold which triggers STLC analysis for waste characterization.

Note 1 SFRWQCB Tier 1 Environmental Screening Levels, 2025 (Rev. 3).

Note 2 SFBRWQCB, Direct Exposure Human Health Risk Levels for Commercial Shallow Soil Exposure, 2025 (Rev. 3).

Note 3 SFBRWQCB, Direct Exposure Human Health Risk Levels for Residential Shallow Soil Exposure, 2025 (Rev. 3).

Note 4 Lawrence Berkeley National Laboratory, Analysis of Background Distributions of Metals in Soil at Lawrence Berkeley National Laboratory, Table 5. Revised April 2009.

Note 5 For arsenic, the background concentration was based on the document titled Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Area (Duverge, 2011).

Note 6 ESL value shown is for total chromium.

bgs = Below ground surface.

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board.

ESL = Environmental Screening Level.

-- = No value established, Not analyzed.

ND <0.50 = Not detected above the noted laboratory reporting limit.

mg/kg = Milligrams per kilogram.

mg/L = milligrams per liter.

STLC = Soluble Threshold Limit Concentration.

J = Estimated value.

Table 5
Soil Vapor Analytical Results - VOCs and TPHg
924/940 San Rafael Avenue
Mountain View, California

Sample ID	Probe Intake Depth	Date	TPHg by TO-15	VOCs by USEPA Method TO-15																									
			TPHg	Acetone	Benzene	Carbon Disulfide	Chloro-methane	Cyclo-hexane	Ethanol	Ethyl-benzene	Trichloro-fluoro-methane	Dichloro-difluoro-methane	1,1,2-Trichloro-trifluoro-ethane	Heptane	N-Hexane	Methylene Chloride	2-Butanone	Methyl tert butyl ether	2-Propanol	Propene	Styrene	Tetra-hydrofuran	Toluene	1,2,4-Trimethyl-benzene	2,2,4-Trimethyl-benzene	Vinyl Acetate	m&p-Xylene	o-Xylene	Other VOCs
	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m³)	(µg/m3)	(µg/m3)	
SFBRWQCB Residential ESL ^{Note 1}			--	1,100,000	3.2	--	3,100	--	--	37	--	--	--	--	--	34	170,000	360	--	--	31,000	--	15,000	--	--	--	3,500	3,500	--
SFBRWQCB Commercial ESL ^{Note 2}			--	4,500,000	14	--	13,000	--	--	160	--	--	--	--	--	410	730,000	1,600	--	--	130,000	--	61,000	--	--	--	15,000	15,000	--
SVP-1	5	9/18/2025	901	57	1.87	11.6	1.87	21.9	21.9	1.21	ND<1.12	1.78	ND<1.53	1.85	ND<2.22	1.81	8.37	ND<0.721	3.56	12.8	3.85	ND<0.590	3.88	3.32	1.11	ND<2.22	4.81	2.28	ND
SVP-2	5	9/18/2025	ND<826	184	1.31	169	1.37	60	60	1.27	ND<1.12	1.51	ND<1.53	5.24	3.45	1.65	28	ND<0.721	10.1	28.2	ND<1.70	0.973	10.8	1.51	1.23	6.44	4.17	1.26	ND
SVP-3	5	9/18/2025	ND<826	41.8	ND<0.639	9.06	1.13	12.7	12.7	ND<0.867	1.34	1.57	ND<1.53	2.22	ND<2.22	ND<0.694	4.66	1.55	ND<3.07	22	ND<1.70	ND<0.590	2.86	1.15	0.972	ND<2.22	2.62	0.876	ND
SVP-4	5	9/18/2025	ND<826	72.7	0.776	8.65	1.65	51.9	51.9	0.871	1.47	1.58	ND<1.53	3.85	ND<2.22	0.813	6.87	ND<0.721	5.92	16.4	ND<1.70	ND<0.590	3.96	1.15	1.08	2.51	3.75	1.22	ND
SVP-5	5	9/18/2025	ND<826	342 E	5.91	19	1.44	62.4	62.4	1.96	1.2	1.29	ND<1.53	9.73	8.29	2.7	48.1	11.8	12.3	92.8	ND<1.70	3.27	15.4	2.56	1.52	ND<2.22	8.58	2.62	ND
SVP-6	3	9/18/2025	ND<826	89.1	9.26	10.5	1.46	45.3	45.3	1.14	1.67	2.14	2.33	3.26	4.97	ND<0.694	13.9	3.24	6.27	71.1	ND<1.70	ND<0.590	4.41	ND<0.982	0.948	ND<2.22	3.11	1.27	ND

Notes:

Yellow shaded values exceed the Residential ESL.

^{Note 1} SFBRWQCB, Subslab/Soil Gas Human Health Risk Screening Levels for Residential Exposure, 2025 (Rev. 3).

^{Note 2} SFBRWQCB, Subslab/Soil Gas Human Health Risk Screening Levels for Commercial Exposure, 2025 (Rev. 3).

ft bgs = Feet below ground surface.

µg/m³ = Micrograms per cubic meter.

SFBRWQCB = San Francisco Bay Regional Water Quality Control Board.

ESL = Environmental Screening Level.

ND<0.590 = Not detected above the noted laboratory reporting limit.

VOCs = Volatile organic compounds.

E = Exceeds the upper limit of the instrument calibration.

Table 6
Soil Vapor Analytical Results - Fixed Gases
 924/940 San Rafael Avenue
 Mountain View, California

Sample ID	Probe Intake Depth (feet bgs)	Date	Helium in Sample (%)	Average Helium Under Shroud (%)	Leak Ratio ^{Note 1} (%)	Oxygen (%)	Carbon Dioxide (%)	Methane (%)
SVP-1	5	9/18/2025	ND<0.100	--	--	20.1	0.677	<0.400
SVP-2	5	9/18/2025	0.235	23.5	1.00	19.3	1.29	<0.400
SVP-3	5	9/18/2025	ND<0.100	--	--	20.1	<0.500	<0.400
SVP-4	5	9/18/2025	ND<0.100	--	--	20.2	<0.500	<0.400
SVP-5	5	9/18/2025	ND<0.100	--	--	18.1	1.00	<0.400
SVP-6	5	9/18/2025	ND<0.100	--	--	19.1	<0.500	<0.400

Notes:

Fixed gases analyzed by ASTM Method D-1946.

Bold values were reported above laboratory detection limits.

Note 1 Estimated leak ratio (%) = [Concentration of Helium in Sample (%)] / [Concentration of Helium in Shroud (%)].

bgs = Below ground surface.

NA = Not analyzed.

% = Percent.

<0.100 = Not detected above the noted laboratory reporting limit.

-- = Not calculated, helium not detected in sample.

Attachment A

Boring Logs

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-1-0.5'	84.8			1		Asphalt (6 inches). POORLY GRADED SAND WITH SILT (SP-SM), pale brown (10YR 6/3), no odor, dry, fine grained sand.	0.5	90	10	100	
			2			LEAN CLAY (CL), gray (2.5Y 5/1), petroleum hydrocarbon odor, moist, medium plasticity, stiff.	1.0				
SB-1-3'	20.2		3				3.5				

End of boring at 3.5 ft bgs.

Graphics Legend


CL



Hand Auger



SP-SM

Water Levels


-



-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

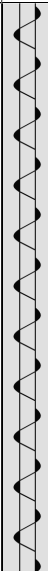
DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
						Asphalt (6 inches).					
SB-2-0.5'	89.2			1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), no odor, dry, fine to medium grained sand.	0.4				
						LEAN CLAY (CL), very dark gray (10YR 3/1), no odor, moist, medium plasticity, stiff.	1.0				
SB-2-3'	108.7			3			3.5	90	10	100	

End of boring at 3.5 ft bgs.

Graphics Legend


CL



Hand Auger



SP-SM

Water Levels


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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

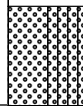
DRILLING METHOD Hand Auger

RIG TYPE N/A

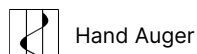
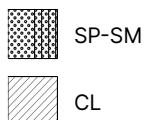
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
						Asphalt (6 inches).					
SB-3-0.5'	194.4						0.4				
				1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry.		90	10		
							1.0				
				2		LEAN CLAY (CL), yellowish brown (10YR 5/4), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.				100	
							2.0				
						LEAN CLAY WITH SAND (CL), dark gray (10YR 4/1), faint petroleum hydrocarbon odor, moist, medium plasticity, medium stiff.		15		85	
SB-3-3'	104.6			3							
							3.5				

End of boring at 3.5 ft bgs.

Graphics Legend

Water Levels

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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

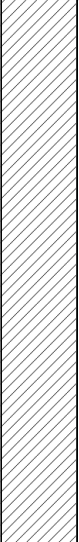
DRILLING METHOD Hand Auger

RIG TYPE N/A

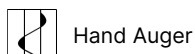
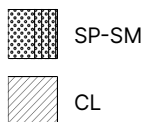
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-4-3'	20.9			1		Asphalt (6 inches). 0.4		90	10	100	
						POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry. 1.0					
						LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.					
				2							
				3							
				4							
				5							
				6							
SB-4-6'	22.6						6.5				

End of boring at 6.5 ft bgs.

Graphics Legend

Water Levels

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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

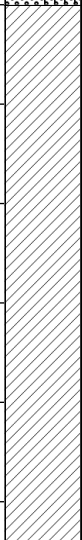
DRILLING METHOD Hand Auger

RIG TYPE N/A

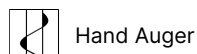
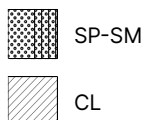
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-5-3'	34.7			1		Asphalt (6 inches). 0.4 POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry. 1.0 LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.		90	10	100	
				2							
				3							
				4							
				5							
SB-5-6'				6			6.5				

End of boring at 6.5 ft bgs.

Graphics Legend

Water Levels

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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

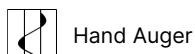
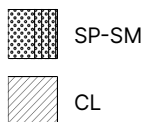
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
						Asphalt (6 inches).					
				1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry.	0.5				
				2		LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.	1.5				
SB-6-3'	19.8			3				90	10		
				4							
				5							
SB-6-6'	34.4			6						100	
							6.5				

End of boring at 6.5 ft bgs.

Graphics Legend

Water Levels
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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

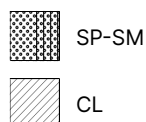
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-7-3'	181.8					Asphalt (6 inches).	0.5	90	10	100	
				1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry.	1.5				
				2		LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.					
SB-7-3'				3							
				4							
				5							
SB-7-6'	167.3			6			6.5				

End of boring at 6.5 ft bgs.

Graphics Legend

Water Levels

▽	-
▼	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

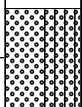
DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-8-3'	100.2					Asphalt (6 inches).	0.5	90	10	100	
				1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry.	1.5				
				2		LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.					
				3							
				4							
				5							
SB-8-6'	134.9			6			6.5				

End of boring at 6.5 ft bgs.

Graphics Legend


SP-SM



Hand Auger



CL

Water Levels


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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 6.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SB-9-3'	110.7					Asphalt (6 inches). 0.5					
				1		POORLY GRADED SAND WITH SILT (SP-SM), gray (10YR 6/1), faint petroleum hydrocarbon odor, dry. 1.0		90	10		
				2		LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard. 2.0				100	
				3		POORLY GRADED SAND (SP), olive brown (2.5Y 4/4), faint petroleum hydrocarbon odor, moist, medium grained sand. 3.0		100			
				4		LEAN CLAY (CL), brown (7.5YR 4/3), faint petroleum hydrocarbon odor, moist, medium plasticity, hard.				100	
				5							
SB-9-6'	168.2			6							
End of boring at 6.5 ft bgs.							6.5				

Graphics Legend


CL



SP



SP-SM



Hand Auger

Water Levels


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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-1-0.5'	126.0					Asphalt (6 inches). 0.4					
				1		WELL-GRADED SAND WITH SILT (SW-SM), light brown (7.5YR 6/3), faint petroleum hydrocarbon odor, moist, medium to coarse grained sand. 1.0		90	10		
				2		WELL-GRADED GRAVEL WITH SAND (GW), greenish grey (GLE1 6/1), faint petroleum hydrocarbon odor, moist, coarse grained sand. 2.0	85	15			
SSB-1-3'	116.9			3		LEAN CLAY (CL), dark gray (2.5Y 4/1), faint petroleum hydrocarbon odor, moist, medium plasticity, stiff. 3.5				100	

End of boring at 3.5 ft bgs.

Graphics Legend

Water Levels

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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

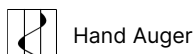
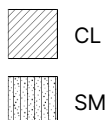
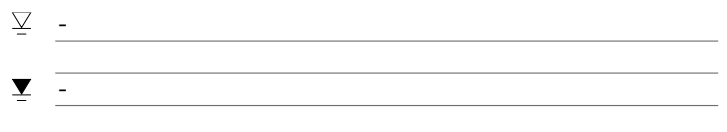
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-2-0.5'	34.9					Asphalt (6 inches). 0.4					
				1		SILTY SAND (SM), light brown (7.5YR 6/3), no odor, dry, medium grained sand. 1.0		80	20		
SSB-2-3'	52.1			3		LEAN CLAY WITH GRAVEL (CL), gray (7.5YR 5/1), no odor, moist, medium plasticity, stiff. 3.5	15			85	

End of boring at 3.5 ft bgs.

Graphics Legend

Water Levels


PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

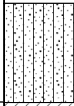
DRILLING METHOD Hand Auger

RIG TYPE N/A

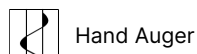
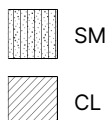
LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-3-0.5'	122.7					Asphalt (6 inches). 0.4					
				1		SILTY SAND (SM), light brown (7.5YR 6/3), faint petroleum hydrocarbon odor, dry, medium grained sand, trace small rocks. 1.0		80	20		
SSB-3-3'	33.9			3		SANDY LEAN CLAY WITH GRAVEL (CL), dark gray (10YR 4/1), moist, coarse gravel, low plasticity. 3.5	15	20		65	

End of boring at 3.5 ft bgs.

Graphics Legend

Water Levels

	-
	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-4-0.5'	51.7			0.4		Asphalt (6 inches).		80	20	100	
				1.0		SILTY SAND (SM), grayish brown (10YR 5/2), faint petroleum hydrocarbon odor, dry, medium grained sand.					
SSB-4-3'	90.4			3.5		LEAN CLAY (CL), dark gray (2.5Y 4/1), faint petroleum hydrocarbon odor, moist, medium plasticity, stiff.					

End of boring at 3.5 ft bgs.

Graphics Legend


CL



Hand Auger



SM

Water Levels


-



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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

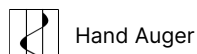
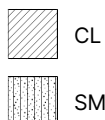
RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-5-0.5'	19.4			1		Asphalt (6 inches). 0.4 SILTY SAND WITH GRAVEL (SM), grayish brown (10YR 5/2), no odor, dry, medium grained sand.	15	65	20		
			2			2.0 LEAN CLAY (CL), dark gray (2.5Y 4/1), no odor, moist, medium plasticity, stiff.				100	
SSB-5-3'	26.0		3			3.5 End of boring at 3.5 ft bgs.					

Graphics Legend

Water Levels

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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/17/2025 **COMPLETED** 09/17/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 3.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
SSB-6-0.5'	41.4		1		Asphalt (6 inches). 0.4 SILTY SAND WITH GRAVEL (SM), grayish brown (10YR 5/2), faint petroleum hydrocarbon odor, dry, medium grained sand.	15	65	20		
			2		2.0 LEAN CLAY (CL), dark gray (2.5Y 4/1), no odor, moist, medium plasticity, stiff.				100	
SSB-6-3'	25.3		3		3.5 End of boring at 3.5 ft bgs.					

Graphics Legend


SM



Hand Auger



CL

Water Levels


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PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 5.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
						Asphalt (6 inches).					
	51.4			1		LEAN CLAY WITH SAND (CL), dark gray (2.5Y 4/1), petroleum hydrocarbon odor, moist, medium plasticity, stiff.	0.5	15		85	
				2							
				3							
				4							
	39.2			5		At 5 ft bgs, color change to gray (5Y 5/1).	5.5				

End of boring at 5.5 ft bgs. Soil vapor probe constructed at 5 ft bgs.

Graphics Legend

	CL
	Bentonite (Dry)
	Bentonite (Hydrated)

	Filter Sand
	Hand Auger
	Probe Tip

Water Levels

	-
	-
	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

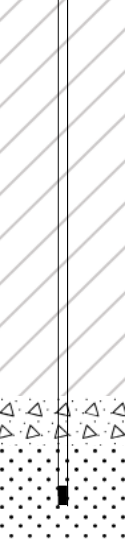
DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 5.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	44.4			1		Asphalt (6 inches). LEAN CLAY WITH SAND (CL), dark gray (2.5Y 4/1), petroleum hydrocarbon odor, moist, medium plasticity, stiff.	0.5				
				2				15		85	
				3							
				4		At 4 ft bgs, color change to gray (5Y 5/1).					
				5			5.5				

End of boring at 5.5 ft bgs. Soil vapor probe constructed at 5 ft bgs.

Graphics Legend

	CL
	Bentonite (Hydrated)
	Bentonite (Dry)

	Filter Sand
	Hand Auger
	Probe Tip

Water Levels

	-
	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

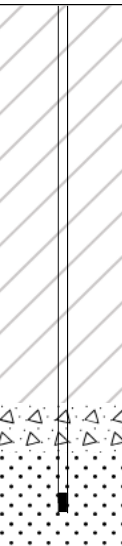
DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 5.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	181.7			1		Asphalt (6 inches). 0.5 SANDY LEAN CLAY WITH GRAVEL (CL), grayish brown (2.5Y 5/2), petroleum hydrocarbon odor, moist, coarse gravel, low to medium plasticity, soft to firm. 1.0 LEAN CLAY (CL), very dark gray (2.5Y 3/1), petroleum hydrocarbon odor, moist, medium plasticity, stiff. At 5 ft bgs, color change to gray (2.5Y 5/1). 5.5	15	25		60	

End of boring at 5.5 ft bgs. Soil vapor probe constructed at 5 ft bgs.

Graphics Legend

	CL		Filter Sand
	Bentonite (Hydrated)		Hand Auger
	Bentonite (Dry)		Probe Tip

Water Levels

	-
	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc

LATITUDE / LONGITUDE N/A

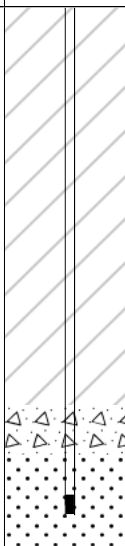
DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 5.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
	18.9					Asphalt (6 inches). 0.5 WELL-GRADED SAND WITH SILT AND GRAVEL (SW-SM), light brownish gray (2.5Y 6/2), petroleum hydrocarbon odor, dry, medium to coarse grained sand. 1.0 LEAN CLAY WITH GRAVEL (CL), light yellowish brown (2.5Y 6/3), faint petroleum hydrocarbon odor, moist, fine to coarse grained, medium plasticity, medium stiff. 2.0 LEAN CLAY (CL), gray (2.5Y 5/1), faint petroleum hydrocarbon odor, moist, medium plasticity, stiff. At 5 ft bgs, color change to gray (2.5Y 6/1). 5.5	15 15	70	15 85 100		

End of boring at 5.5 ft bgs. Soil vapor probe constructed at 5 ft bgs.

Graphics Legend

-  SW-SM
-  CL
-  Bentonite (Hydrated)
-  Bentonite (Dry)

-  Filter Sand
-  Hand Auger
-  Probe Tip

Water Levels

	-
	-

PROJECT Additional Site Investigation

PROJECT NUMBER 3067.1038.0

CLIENT Prometheus

PROJECT LOCATION 924 & 940 San Rafael Ave., Mountain View

DATE STARTED 09/16/2025 **COMPLETED** 09/16/2025

GROUND SURFACE ELEV. N/A

DRILLING CONTRACTOR Legacy Remediation, Inc.

LATITUDE / LONGITUDE N/A

DRILLING METHOD Hand Auger

RIG TYPE N/A

LOGGED BY Fanny Lopez **REVIEWED BY** B. Mellin

TOTAL DEPTH 5.5'

COMMENTS
BORING DIAMETER 3.25"

Sample ID	PID (ppm)	Sample Type & Recovery	Water Levels (ft)	Depth (ft)	Graphic Log	USCS Description	% Gravel	% Sand	% Silt	% Clay	Well Construction Details
						Asphalt (6 inches).					
				1		WELL-GRADED SAND WITH SILT (SW-SM), gray (2.5Y 5/1), strong petroleum hydrocarbon odor, dry, medium to coarse grained sand.	0.5	85	15		
	48.6			2		LEAN CLAY (CL), gray (2.5Y 5/1), petroleum hydrocarbon odor, moist, medium plasticity, stiff.	1.0			100	
				3			3.0				
				4		SANDY LEAN CLAY (CL), gray (2.5Y 5/1), petroleum hydrocarbon odor, moist, medium plasticity, soft.		25		75	
	97.9			5			5.5				

End of boring at 5.5 ft bgs. Soil vapor probe constructed at 5 ft bgs.

Graphics Legend

-  SW-SM
-  CL
-  Bentonite (Hydrated)
-  Bentonite (Dry)

-  Filter Sand
-  Hand Auger
-  Probe Tip

Water Levels


-



-

Attachment B

Field Data Sheets

Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fanny Lopez
Project:	San Rafael Ave.	Project #:	# 3067.1038.0
Container Type:	Summa	Container ID:	022534
Sample ID:	SV-1	Manifold ID:	022612
Duplicate Sample ID:	N/A		
Weather:	overcast	Temperature:	75

Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☐ Yes ☐ Rainfall _____ in

If no, proceed with collection of sample. If yes, contact PM.

Sampling Device:		Leak Test:	Shut-In
Purge Volume:	~ 4,600	Leak Check Compound:	Helium
Purge Flow Rate:	200 mL/min	Sample Start Time:	1505
Purge Duration:	23 min	Start Vacuum:	28
Purge Start Time:	1440	Sample End Time:	1509
Purge End Time:	1503	End Vacuum:	5

Field Measurements

Purge

Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1441	200	0	24.0		
1442		0	23.2		
1443		0	20.5		
1444		0	21.7		
1445		0	21.3		

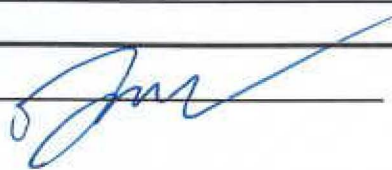
*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.

Sample Collection

Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments
1504	200	23	22.4	
1507		20	22.9	
1508		14	20.2	
1509			24.6	

Notes

Sampler's Signature: _____



Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fanny L
Project:	San Rafael Ave	Project #:	3067-1038-D
Container Type:	Summa	Container ID:	013179
Sample ID:	SVP-2	Manifold ID:	021833
Duplicate Sample ID:	n/a		
Weather:	Overcast	Temperature:	75

Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☒ Yes ☐ Rainfall _____ in

If no, proceed with collection of sample. If yes, contact PM.

Sampling Device:		Leak Test:	Shut-In
Purge Volume:	~ 4,000	Leak Check Compound:	Helium
Purge Flow Rate:	200 mL/min	Sample Start Time:	1433
Purge Duration:	23 min	Start Vacuum:	27
Purge Start Time:	1409	Sample End Time:	1437
Purge End Time:	1432	End Vacuum:	5

Field Measurements

Purge

Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1410	200	0.2	23.0		
1411		0	19.3		
1412		0	20.8		
1413		0.4	24.1		
1414		0.3	30.1		

*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.

Sample Collection

Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments
1434	200	20	22.4	
1435		15	20.9	
1436		11	20.7	
1437		8	22.7	

Notes

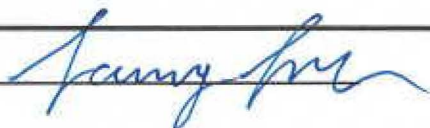
Sampler's Signature: _____



Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fanny L.		
Project:	San Rafael Ave	Project #:	3067.1038.0		
Container Type:	Summa	Container ID:	014403		
Sample ID:	SVP-3	Manifold ID:	023012		
Duplicate Sample ID:	N/A				
Weather:	Overcast	Temperature:	75		
Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☐ Yes ☐ Rainfall ☐ in					
If no, proceed with collection of sample. If yes, contact PM.					
Sampling Device:		Leak Test:	Shut-In		
Purge Volume:	~ 4.600	Leak Check Compound:	Helium		
Purge Flow Rate:	200 mL/min	Sample Start Time:	1400		
Purge Duration:	23 min	Start Vacuum:	30		
Purge Start Time:	1336	Sample End Time:	1404		
Purge End Time:	1359	End Vacuum:	5		
Field Measurements					
Purge					
Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1337	200	0	20.2		
1338		0	21.6		
1339		0	23.9		
1340		0	22.1		
1341		0	20.5		
*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.					
Sample Collection					
Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments	
1401	200	25	23.3		
1402		28	29.7		
1403		17	27.3		
1404		11	20.2		
1405					
Notes					

Sampler's Signature:



Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fanny L.		
Project:	San Rafael Ave	Project #:	3067-1038.0		
Container Type:	Summa	Container ID:	007371		
Sample ID:	SVF-4	Manifold ID:	020090		
Duplicate Sample ID:	N/A				
Weather:	Overcast	Temperature:	75		
Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☐ Yes ☐ Rainfall ☐ in					
If no, proceed with collection of sample. If yes, contact PM.					
Sampling Device:		Leak Test:	Shut-In		
Purge Volume:	~ 4,600	Leak Check Compound:	Helium		
Purge Flow Rate:	200 ml/min	Sample Start Time:	1320		
Purge Duration:	23 min	Start Vacuum:	30		
Purge Start Time:	1256	Sample End Time:	1328		
Purge End Time:	1319	End Vacuum:	5		
Field Measurements					
Purge					
Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1257	200	0	22.7		
1258		0	20.2		
1259		0	21.5		
1300		0	21.0		
1301		0	20.0		
*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.					
Sample Collection					
Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments	
1321	200	28	20.3		
1322		25	21.1		
1323		22	23.6		
1324		19	22.9		
1325		16	22.4		
1326		12	22.0		
Notes					

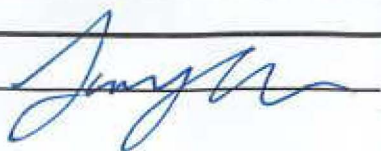
Sampler's Signature:



Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fanny L.		
Project:	San Rafael Ave.	Project #:	3067.1038.0		
Container Type:	Summa	Container ID:	029945		
Sample ID:	SVP-5	Manifold ID:	021786		
Duplicate Sample ID:	N/A				
Weather:	overcast and cool	Temperature:	75		
Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☒ Yes ☐ Rainfall ☐					
If no, proceed with collection of sample. If yes, contact PM.					
Sampling Device:		Leak Test:	Shut-In		
Purge Volume:	4,636 ml	Leak Check Compound:	Helium		
Purge Flow Rate:	2.00	Sample Start Time:	1204		
Purge Duration:	23 min	Start Vacuum:	27		
Purge Start Time:	1142	Sample End Time:	1210		
Purge End Time:	1205	End Vacuum:	5		
Field Measurements					
Purge					
Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1143	2.00	0	24.8		
1144		0	24.1		
1145		0	24.4		
1146		0	21.3		
1147		0	20.6		
*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.					
Sample Collection					
Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments	
1207	2.00	20	21.0		
1208		13	24.1		
1209		8	20.3		
1210		5	20.5		
Notes					

Sampler's Signature: _____



Soil Vapor Field Measurement Log

Date:	9/18/25	Sampler:	Fahhy L.
Project:	San Rafael Ave.	Project #:	3067-1038.0
Container Type:	Summa	Container ID:	015190
Sample ID:	SVP-6	Manifold ID:	012583
Duplicate Sample ID:	N/A		
Weather:	Overcast	Temperature:	75
Precipitation: Has it rained >0.5 inch during a 24-hour period in the last 5 days? No ☒ Yes ☐ Rainfall _____ in			
If no, proceed with collection of sample. If yes, contact PM.			
Sampling Device:		Leak Test:	Shut-In
Purge Volume:	~ 4,000	Leak Check Compound:	Helium
Purge Flow Rate:	200 mL/min	Sample Start Time:	1245
Purge Duration:	23	Start Vacuum:	30
Purge Start Time:	1217	Sample End Time:	1249
Purge End Time:	1240	End Vacuum:	5

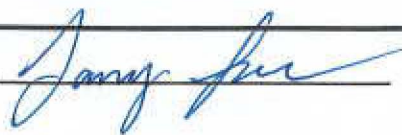
Field Measurements					
Purge					
Time	Flow Rate (mL/min)	Helium In-Line (%)	Helium in Shroud (%)	Helium Ratio* (%)	Comments
1218	200	0.0	20.5		
1219		0.0	24.2		
1220		0.0	25.7		
1221		0.0	24.0		
1222		0.0	21.4		

*If ratio of in-line helium to shroud helium is >5%, stop work and notify project manager before collecting sample.

Sample Collection				
Time	Flow Rate (mL/min)	Vacuum (in Hg)	Helium in Shroud (%)	Comments
1246	200	23	24.8	
1247		19	25.5	
1248		12	25.0	
1249		6	22.7	

Notes

Sampler's Signature: _____



Appendix C

Laboratory Analytical Reports

Citadel EHS - Walnut Creek, CA

Sample Delivery Group: L1899525
Samples Received: 09/18/2025
Project Number: 3039.1002.0
Description: San Rafael Avenue

Report To: Brooke Melin
1371 Oakland Blvd
Suite 100
Walnut Creek, CA 94596

Entire Report Reviewed By:



Mandi Edwards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Ds
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

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SAMPLE SUMMARY

SB-7-3' L1899525-01

Collected by
F. Lopez

Collected date/time
09/16/25 13:50

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603988	1	09/19/25 07:55	09/19/25 08:01	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604569	25	09/16/25 13:50	09/20/25 10:57	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1	09/16/25 13:50	09/20/25 04:46	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 09:51	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	2	09/23/25 06:42	09/26/25 18:48	TSC	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SB-7-6' L1899525-02

Collected by
F. Lopez

Collected date/time
09/16/25 13:55

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604569	25.5	09/16/25 13:55	09/20/25 11:19	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1.02	09/16/25 13:55	09/20/25 05:05	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 07:31	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	1	09/23/25 06:42	09/26/25 16:19	TSC	Mt. Juliet, TN

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

SB-8-3' L1899525-03

Collected by
F. Lopez

Collected date/time
09/16/25 15:15

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604569	35.8	09/16/25 15:15	09/20/25 11:41	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1.43	09/16/25 15:15	09/20/25 05:25	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 05:25	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	1	09/23/25 06:42	09/26/25 16:40	TSC	Mt. Juliet, TN

⁹ Al

¹⁰ Sc

SB-8-6' L1899525-04

Collected by
F. Lopez

Collected date/time
09/16/25 15:20

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604569	25	09/16/25 15:20	09/20/25 12:06	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1	09/16/25 15:20	09/20/25 05:45	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 04:29	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	1	09/23/25 06:42	09/26/25 15:58	TSC	Mt. Juliet, TN

SB-9-3' L1899525-05

Collected by
F. Lopez

Collected date/time
09/16/25 14:10

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/16/25 14:10	09/21/25 13:00	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1	09/16/25 14:10	09/20/25 06:05	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	5	09/24/25 00:10	09/28/25 10:19	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	2	09/23/25 06:42	09/26/25 19:09	TSC	Mt. Juliet, TN

SAMPLE SUMMARY

SB-9-6' L1899525-06

Collected by
F. Lopez

Collected date/time
09/16/25 14:15

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/16/25 14:15	09/21/25 13:23	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1	09/16/25 14:15	09/20/25 06:25	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 08:27	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605155	1	09/23/25 06:42	09/26/25 17:02	TSC	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SB-5-3' L1899525-07

Collected by
F. Lopez

Collected date/time
09/16/25 15:30

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/16/25 15:30	09/21/25 13:47	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604145	1	09/16/25 15:30	09/20/25 06:45	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 05:53	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 13:35	TSC	Mt. Juliet, TN

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

SB-5-6' L1899525-08

Collected by
F. Lopez

Collected date/time
09/16/25 15:35

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25.8	09/16/25 15:35	09/21/25 14:10	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1.03	09/16/25 15:35	09/19/25 13:43	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 08:41	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 16:19	TSC	Mt. Juliet, TN

⁹ Al

¹⁰ Sc

SB-6-3' L1899525-09

Collected by
F. Lopez

Collected date/time
09/17/25 08:20

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 08:20	09/21/25 14:33	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 08:20	09/19/25 14:05	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606612	1	09/24/25 00:10	09/28/25 06:07	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 14:36	TSC	Mt. Juliet, TN

SB-6-6' L1899525-10

Collected by
F. Lopez

Collected date/time
09/17/25 08:25

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 08:25	09/21/25 14:56	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 08:25	09/19/25 14:27	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 15:56	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 14:16	TSC	Mt. Juliet, TN

SAMPLE SUMMARY

SB-4-3' L1899525-11

Collected by
F. Lopez

Collected date/time
09/17/25 08:40

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603989	1	09/19/25 07:44	09/19/25 07:52	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 08:40	09/21/25 15:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 08:40	09/19/25 18:46	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 16:39	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 14:57	TSC	Mt. Juliet, TN



SB-4-6' L1899525-12

Collected by
F. Lopez

Collected date/time
09/17/25 08:45

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 08:45	09/21/25 15:43	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 08:45	09/19/25 14:49	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 14:18	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 13:55	TSC	Mt. Juliet, TN



SB-3-0.5' L1899525-13

Collected by
F. Lopez

Collected date/time
09/17/25 09:10

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 09:10	09/21/25 16:06	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 09:10	09/19/25 15:11	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	100	09/24/25 00:17	09/28/25 17:35	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	50	09/24/25 05:12	09/26/25 01:15	TSC	Mt. Juliet, TN



SB-3-3' L1899525-14

Collected by
F. Lopez

Collected date/time
09/17/25 09:15

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 09:15	09/21/25 16:30	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 09:15	09/19/25 15:33	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 16:53	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	2	09/24/25 05:12	09/25/25 17:41	TSC	Mt. Juliet, TN

SB-2-0.5' L1899525-15

Collected by
F. Lopez

Collected date/time
09/17/25 09:20

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	28.2	09/17/25 09:20	09/21/25 16:53	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	4.52	09/17/25 09:20	09/19/25 19:30	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	200	09/24/25 00:17	09/28/25 18:03	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	50	09/24/25 05:12	09/26/25 01:35	TSC	Mt. Juliet, TN

SAMPLE SUMMARY

SB-2-3' L1899525-16

Collected by
F. Lopez

Collected date/time
09/17/25 09:25

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 09:25	09/21/25 17:17	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 09:25	09/19/25 15:55	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 17:07	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 16:40	TSC	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SB-1-0.5' L1899525-17

Collected by
F. Lopez

Collected date/time
09/17/25 09:40

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25.3	09/17/25 09:40	09/21/25 17:40	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	4.04	09/17/25 09:40	09/19/25 19:52	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	100	09/24/25 00:17	09/28/25 18:31	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	10	09/24/25 05:12	09/25/25 18:02	TSC	Mt. Juliet, TN

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

SB-1-3' L1899525-18

Collected by
F. Lopez

Collected date/time
09/17/25 09:45

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015C	WG2604983	25	09/17/25 09:45	09/21/25 18:03	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2604149	1	09/17/25 09:45	09/19/25 16:17	WHS	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015C	WG2606613	1	09/24/25 00:17	09/28/25 16:24	JAS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2605156	1	09/24/25 05:12	09/25/25 15:58	TSC	Mt. Juliet, TN

⁹ Al

¹⁰ Sc

SSB-5-0.5' L1899525-19

Collected by
F. Lopez

Collected date/time
09/17/25 09:50

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 11:56	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:25	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 22:16	JKB	Mt. Juliet, TN

Collected by
F. Lopez

Collected date/time
09/17/25 09:55

Received date/time
09/18/25 08:40

SSB-5-3' L1899525-20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 11:59	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:26	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 20:52	JKB	Mt. Juliet, TN

Collected by
F. Lopez

Collected date/time
09/17/25 10:10

Received date/time
09/18/25 08:40

SSB-6-0.5' L1899525-21

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603990	1	09/19/25 07:36	09/19/25 07:42	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:02	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:31	BAG	Mt. Juliet, TN

ACCOUNT:

Citadel EHS - Walnut Creek, CA

PROJECT:

3039.1002.0

SDG:

L1899525

DATE/TIME:

10/03/25 16:20

PAGE:

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SAMPLE SUMMARY

SSB-6-0.5' L1899525-21

				Collected by F. Lopez	Collected date/time 09/17/25 10:10	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 22:06	JKB	Mt. Juliet, TN

SSB-6-3' L1899525-22

				Collected by F. Lopez	Collected date/time 09/17/25 10:15	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:04	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:33	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 22:25	JKB	Mt. Juliet, TN

SSB-4-0.5' L1899525-23

				Collected by F. Lopez	Collected date/time 09/17/25 11:40	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:07	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:35	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 21:29	JKB	Mt. Juliet, TN

SSB-4-3' L1899525-24

				Collected by F. Lopez	Collected date/time 09/17/25 11:45	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:10	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:36	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 20:15	JKB	Mt. Juliet, TN

SSB-3-0.5' L1899525-25

				Collected by F. Lopez	Collected date/time 09/17/25 11:55	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:18	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:38	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 21:38	JKB	Mt. Juliet, TN

SSB-3-3' L1899525-26

				Collected by F. Lopez	Collected date/time 09/17/25 12:00	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:20	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:40	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 20:24	JKB	Mt. Juliet, TN



SAMPLE SUMMARY

SSB-2-0.5' L1899525-27

Collected by
F. Lopez

Collected date/time
09/17/25 12:10

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:23	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:41	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 21:20	JKB	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

SSB-2-3' L1899525-28

Collected by
F. Lopez

Collected date/time
09/17/25 12:15

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:26	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:43	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605157	1	09/22/25 15:09	09/22/25 20:33	JKB	Mt. Juliet, TN

⁵ Ds

⁶ Sr

⁷ Qc

SSB-1-0.5' L1899525-29

Collected by
F. Lopez

Collected date/time
09/17/25 12:20

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:28	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:44	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2605999	20	09/23/25 10:00	09/24/25 01:36	LJD	Mt. Juliet, TN

⁸ Gl

⁹ Al

¹⁰ Sc

SSB-1-3' L1899525-30

Collected by
F. Lopez

Collected date/time
09/17/25 12:25

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2603991	1	09/19/25 07:27	09/19/25 07:34	CMB	Mt. Juliet, TN
Mercury by Method 7471B	WG2604241	1	09/22/25 20:55	09/24/25 12:31	SDG	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2604051	1	09/19/25 08:22	09/20/25 15:46	BAG	Mt. Juliet, TN
Pesticides (GC) by Method 8081B	WG2606601	1	09/24/25 07:38	09/25/25 03:52	LJD	Mt. Juliet, TN

CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mandi Edwards
Project Manager

Volatile Organic Compounds (GC) by Method 8015C

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2604569	(MS) R4277694-4	TPHG C5 - C12
WG2604569	(MSD) R4277694-5	TPHG C5 - C12

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2604145	L1899525-01	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-02	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-03	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-04	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-05	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-06	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604145	L1899525-07	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-Chloropropane, 2-Butanone (MEK), Methyl tert-butyl ether and Naphthalene
WG2604149	L1899525-08	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-09	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-10	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-11	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-12	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-13	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-14	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-15	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-16	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-17	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane
WG2604149	L1899525-18	1,1,2,2-Tetrachloroethane and Dichlorodifluoromethane



CASE NARRATIVE

Volatile Organic Compounds (GC/MS) by Method 8260D

The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.

Batch	Lab Sample ID	Analytes
WG2604149	L1899525-14	Tetrachloroethene
WG2604149	L1899525-16	Tetrachloroethene
WG2604149	L1899525-17	Tetrachloroethene
WG2604149	L1899525-18	Tetrachloroethene

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2604149	Toluene-d8	L1899525-11

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2604149	(LCS) R4276510-1, L1899525-08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18	1,1,2,2-Tetrachloroethane

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2604149	(LCS) R4276510-1, L1899525-08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18	Methylene Chloride, trans-1,3-Dichloropropene and Trichlorofluoromethane

Semi-Volatile Organic Compounds (GC) by Method 8015C

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2606613	o-Terphenyl	L1899525-13, 15, 17

Pesticides (GC) by Method 8081B

RPD between the primary and confirmatory analysis exceeded 40%

Batch	Lab Sample ID	Analytes
WG2605157	L1899525-20	4,4-DDE
WG2605157	(MS) R4277314-3	4,4-DDD, Endrin and Methoxychlor
WG2605157	(MSD) R4277314-4	4,4-DDD, Endrin and Methoxychlor
WG2605999	(MS) R4277677-6	13 analytes

Surrogate recovery limits have been exceeded; values are outside upper control limits.

Batch	Analyte	Lab Sample ID
WG2605157	Decachlorobiphenyl	(MS) R4277314-3, L1899525-19, 23

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2605999	Decachlorobiphenyl	L1899525-29
WG2605999	Tetrachloro-m-xylene	L1899525-29

The associated batch QC was below the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2606601	(LCS) R4278602-2, L1899525-30	Endrin

The associated batch QC was above the established quality control range for accuracy.

Batch	Lab Sample ID	Analytes
WG2606601	(LCS) R4278602-2, L1899525-30	Endrin ketone

The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Batch	Lab Sample ID	Analytes
WG2605157	(MS) R4277314-3, L1899525-25	Methoxychlor



CASE NARRATIVE

Pesticides (GC) by Method 8081B

The associated batch QC was outside the established quality control range for precision.

Batch	Lab Sample ID	Analytes
WG2605157	(MSD) R4277314-4, L1899525-25	Methoxychlor

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.

Batch	Lab Sample ID	Analytes
WG2605155	L1899525-01	2,4-Dimethylphenol
WG2605155	L1899525-02	2,4-Dimethylphenol
WG2605155	L1899525-03	2,4-Dimethylphenol
WG2605155	L1899525-04	2,4-Dimethylphenol
WG2605155	L1899525-05	2,4-Dimethylphenol
WG2605155	L1899525-06	2,4-Dimethylphenol
WG2605156	L1899525-07	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-08	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-09	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-10	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-11	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-12	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-13	Hexachlorobenzene and n-Nitrosodimethylamine
WG2605156	L1899525-14	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-15	Hexachlorobenzene and n-Nitrosodimethylamine
WG2605156	L1899525-16	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-17	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine
WG2605156	L1899525-18	Bis(2-chloroethyl)ether, Di-n-octyl phthalate, Hexachlorocyclopentadiene and n-Nitrosodi-n-propylamine

Surrogate recovery cannot be used for control limit evaluation due to dilution.

Batch	Analyte	Lab Sample ID
WG2605156	2,4,6-Tribromophenol	L1899525-13, 15
WG2605156	2-Fluorobiphenyl	L1899525-13, 15
WG2605156	2-Fluorophenol	L1899525-13, 15
WG2605156	Nitrobenzene-d5	L1899525-13, 15
WG2605156	Phenol-d5	L1899525-13, 15
WG2605156	p-Terphenyl-d14	L1899525-13, 15

The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Batch	Lab Sample ID	Analytes
WG2605156	(MS) R4278772-3, (MSD) R4278772-4	Hexachlorocyclopentadiene



DETECTION SUMMARY

Mercury by Method 7471B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SSB-5-0.5'	L1899525-19	Mercury	0.0490		0.0212	0.0411	1	09/24/2025 11:56	WG2604241
SSB-5-3'	L1899525-20	Mercury	0.0762		0.0252	0.0490	1	09/24/2025 11:59	WG2604241
SSB-6-0.5'	L1899525-21	Mercury	0.0515		0.0213	0.0413	1	09/24/2025 12:02	WG2604241
SSB-6-3'	L1899525-22	Mercury	0.0423	J	0.0248	0.0482	1	09/24/2025 12:04	WG2604241
SSB-4-0.5'	L1899525-23	Mercury	0.137		0.0213	0.0414	1	09/24/2025 12:07	WG2604241
SSB-3-0.5'	L1899525-25	Mercury	0.121		0.0213	0.0413	1	09/24/2025 12:18	WG2604241
SSB-2-0.5'	L1899525-27	Mercury	0.175		0.0212	0.0411	1	09/24/2025 12:23	WG2604241
SSB-2-3'	L1899525-28	Mercury	0.0383	J	0.0257	0.0500	1	09/24/2025 12:26	WG2604241
SSB-1-0.5'	L1899525-29	Mercury	0.0447		0.0216	0.0420	1	09/24/2025 12:28	WG2604241
SSB-1-3'	L1899525-30	Mercury	0.0412	J	0.0255	0.0495	1	09/24/2025 12:31	WG2604241

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SSB-5-0.5'	L1899525-19	Arsenic	2.42		0.860	2.05	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Barium	308		0.0873	0.514	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Beryllium	0.346		0.0490	0.205	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Cadmium	0.314	J	0.0671	0.514	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Chromium	39.2		0.220	1.03	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Cobalt	10.1		0.182	1.03	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Copper	33.4		0.367	2.05	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Lead	23.7		0.335	0.514	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Molybdenum	0.705		0.0175	0.514	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Nickel	47.9		0.205	2.05	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Selenium	1.53	J	1.10	2.05	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Silver	0.140	J	0.130	1.03	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Vanadium	73.2		0.393	2.05	1	09/20/2025 15:25	WG2604051
SSB-5-0.5'	L1899525-19	Zinc	50.4		1.00	5.14	1	09/20/2025 15:25	WG2604051
SSB-5-3'	L1899525-20	Arsenic	4.22		1.03	2.45	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Barium	250		0.104	0.613	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Beryllium	0.680		0.0585	0.245	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Cadmium	0.351	J	0.0800	0.613	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Chromium	71.3		0.262	1.23	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Cobalt	15.4		0.217	1.23	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Copper	47.0		0.437	2.45	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Lead	24.3		0.399	0.613	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Molybdenum	0.341	J	0.0208	0.613	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Nickel	77.0		0.245	2.45	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Selenium	1.40	J	1.31	2.45	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Silver	0.183	J	0.156	1.23	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Vanadium	74.9		0.469	2.45	1	09/20/2025 15:26	WG2604051
SSB-5-3'	L1899525-20	Zinc	92.7		1.19	6.13	1	09/20/2025 15:26	WG2604051
SSB-6-0.5'	L1899525-21	Arsenic	2.95		0.864	2.06	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Barium	278		0.0877	0.516	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Beryllium	0.315		0.0492	0.206	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Cadmium	0.336	J	0.0674	0.516	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Chromium	56.1		0.221	1.03	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Cobalt	12.6		0.183	1.03	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Copper	43.1		0.368	2.06	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Lead	14.8		0.336	0.516	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Molybdenum	0.870		0.0175	0.516	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Nickel	57.1		0.206	2.06	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Silver	0.164	J	0.131	1.03	1	09/20/2025 15:31	WG2604051
SSB-6-0.5'	L1899525-21	Vanadium	85.6		0.395	2.06	1	09/20/2025 15:31	WG2604051

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilutio n	Analysis date / time	Batch
SSB-6-0.5'	L1899525-21	Zinc	54.6		1.01	5.16	1	09/20/2025 15:31	WG2604051
SSB-6-3'	L1899525-22	Arsenic	3.79		1.01	2.41	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Barium	175		0.103	0.603	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Beryllium	0.549		0.0575	0.241	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Cadmium	0.469	J	0.0788	0.603	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Chromium	67.7		0.258	1.21	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Cobalt	13.6		0.213	1.21	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Copper	39.7		0.431	2.41	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Lead	12.6		0.393	0.603	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Molybdenum	0.218	J	0.0205	0.603	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Nickel	62.6		0.241	2.41	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Silver	0.183	J	0.153	1.21	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Vanadium	74.4		0.462	2.41	1	09/20/2025 15:33	WG2604051
SSB-6-3'	L1899525-22	Zinc	63.6		1.17	6.03	1	09/20/2025 15:33	WG2604051
SSB-4-0.5'	L1899525-23	Arsenic	2.35		0.867	2.07	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Barium	572		0.0880	0.518	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Beryllium	0.291		0.0494	0.207	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Cadmium	0.490	J	0.0676	0.518	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Chromium	42.5		0.222	1.04	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Cobalt	9.31		0.183	1.04	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Copper	23.7		0.370	2.07	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Lead	5.77		0.338	0.518	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Molybdenum	0.947		0.0176	0.518	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Nickel	55.6		0.207	2.07	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Silver	0.202	J	0.132	1.04	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Vanadium	47.7		0.397	2.07	1	09/20/2025 15:35	WG2604051
SSB-4-0.5'	L1899525-23	Zinc	42.1		1.01	5.18	1	09/20/2025 15:35	WG2604051
SSB-4-3'	L1899525-24	Arsenic	1.35	J	1.02	2.44	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Barium	281		0.104	0.611	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Beryllium	0.571		0.0583	0.244	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Cadmium	0.205	J	0.0798	0.611	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Chromium	51.7		0.261	1.22	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Cobalt	7.86		0.216	1.22	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Copper	24.4		0.436	2.44	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Lead	7.57		0.398	0.611	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Nickel	50.3		0.244	2.44	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Silver	0.207	J	0.155	1.22	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Vanadium	40.1		0.468	2.44	1	09/20/2025 15:36	WG2604051
SSB-4-3'	L1899525-24	Zinc	46.6		1.19	6.11	1	09/20/2025 15:36	WG2604051
SSB-3-0.5'	L1899525-25	Arsenic	2.23		0.865	2.07	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Barium	888		0.0878	0.517	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Beryllium	0.275		0.0493	0.207	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Cadmium	0.426	J	0.0675	0.517	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Chromium	38.7		0.221	1.03	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Cobalt	9.74		0.183	1.03	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Copper	24.6		0.369	2.07	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Lead	5.87		0.337	0.517	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Molybdenum	0.719		0.0176	0.517	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Nickel	54.2		0.207	2.07	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Silver	0.165	J	0.131	1.03	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Vanadium	50.6		0.396	2.07	1	09/20/2025 15:38	WG2604051
SSB-3-0.5'	L1899525-25	Zinc	43.4		1.01	5.17	1	09/20/2025 15:38	WG2604051

¹Cp²Tc³Ss⁴Cn⁵Ds⁶Sr⁷Qc⁸Gl⁹Al¹⁰Sc

ACCOUNT:

Citadel EHS - Walnut Creek, CA

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3039.1002.0

SDG:

L1899525

DATE/TIME:

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DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SSB-3-3'	L1899525-26	Arsenic	1.79	J	1.12	2.67	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Barium	350		0.113	0.667	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Beryllium	0.406		0.0636	0.267	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Cadmium	0.117	J	0.0871	0.667	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Chromium	27.3		0.285	1.33	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Cobalt	6.56		0.236	1.33	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Copper	10.0		0.476	2.67	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Lead	8.71		0.435	0.667	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Nickel	23.6		0.267	2.67	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Vanadium	49.8		0.511	2.67	1	09/20/2025 15:40	WG2604051
SSB-3-3'	L1899525-26	Zinc	80.1		1.30	6.67	1	09/20/2025 15:40	WG2604051
SSB-2-0.5'	L1899525-27	Arsenic	2.05	J	0.860	2.05	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Barium	1090		0.0873	0.514	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Beryllium	0.258		0.0490	0.205	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Cadmium	0.543		0.0671	0.514	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Chromium	49.3		0.220	1.03	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Cobalt	11.0		0.182	1.03	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Copper	27.2		0.367	2.05	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Lead	5.22		0.335	0.514	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Molybdenum	1.02		0.0175	0.514	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Nickel	61.5		0.205	2.05	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Selenium	1.22	J	1.10	2.05	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Silver	0.210	J	0.130	1.03	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Vanadium	56.9		0.393	2.05	1	09/20/2025 15:41	WG2604051
SSB-2-0.5'	L1899525-27	Zinc	44.4		1.00	5.14	1	09/20/2025 15:41	WG2604051
SSB-2-3'	L1899525-28	Arsenic	1.95	J	1.05	2.50	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Barium	277		0.106	0.625	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Beryllium	0.724		0.0596	0.250	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Cadmium	0.183	J	0.0816	0.625	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Chromium	70.4		0.267	1.25	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Cobalt	10.9		0.221	1.25	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Copper	31.0		0.446	2.50	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Lead	10.0		0.407	0.625	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Nickel	65.5		0.250	2.50	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Silver	0.231	J	0.159	1.25	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Vanadium	56.2		0.479	2.50	1	09/20/2025 15:43	WG2604051
SSB-2-3'	L1899525-28	Zinc	56.2		1.22	6.25	1	09/20/2025 15:43	WG2604051
SSB-1-0.5'	L1899525-29	Arsenic	3.97		0.879	2.10	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Barium	249		0.0892	0.525	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Beryllium	0.335		0.0501	0.210	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Cadmium	0.218	J	0.0686	0.525	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Chromium	73.6		0.225	1.05	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Cobalt	13.2		0.186	1.05	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Copper	49.3		0.375	2.10	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Lead	13.2		0.342	0.525	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Molybdenum	1.02		0.0178	0.525	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Nickel	61.6		0.210	2.10	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Silver	0.184	J	0.133	1.05	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Vanadium	86.6		0.402	2.10	1	09/20/2025 15:44	WG2604051
SSB-1-0.5'	L1899525-29	Zinc	51.7		1.02	5.25	1	09/20/2025 15:44	WG2604051

¹Cp²Tc³Ss⁴Cn⁵Ds⁶Sr⁷Qc⁸Gl⁹Al¹⁰Sc

ACCOUNT:

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DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SSB-1-3'	L1899525-30	Arsenic	2.55		1.04	2.48	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Barium	351		0.105	0.619	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Beryllium	0.689		0.0591	0.248	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Cadmium	0.203	J	0.0809	0.619	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Chromium	75.6		0.265	1.24	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Cobalt	14.4		0.219	1.24	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Copper	33.1		0.442	2.48	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Lead	10.9		0.404	0.619	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Molybdenum	0.615	J	0.0211	0.619	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Nickel	78.7	J	0.248	2.48	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Silver	0.310	J	0.157	1.24	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Vanadium	65.3		0.474	2.48	1	09/20/2025 15:46	WG2604051
SSB-1-3'	L1899525-30	Zinc	60.7		1.21	6.19	1	09/20/2025 15:46	WG2604051

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

Volatile Organic Compounds (GC) by Method 8015C

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SB-3-0.5'	L1899525-13	TPHG C5 - C12	2.88		2.16	2.70	25	09/21/2025 16:06	WG2604983
SB-3-3'	L1899525-14	TPHG C5 - C12	3.42	J	3.21	4.01	25	09/21/2025 16:30	WG2604983
SB-2-0.5'	L1899525-15	TPHG C5 - C12	2.50	J	2.46	3.07	28.2	09/21/2025 16:53	WG2604983
SB-1-0.5'	L1899525-17	TPHG C5 - C12	2.75		2.15	2.69	25.3	09/21/2025 17:40	WG2604983
SB-1-3'	L1899525-18	TPHG C5 - C12	3.00	J	2.82	3.52	25	09/21/2025 18:03	WG2604983

⁸ Gl

⁹ Al

¹⁰ Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SB-7-3'	L1899525-01	Benzene	0.00125	J	0.000958	0.00135	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	n-Butylbenzene	0.0286		0.00843	0.0169	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	sec-Butylbenzene	0.0130	J	0.00516	0.0169	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	Ethylbenzene	0.00891		0.00133	0.00337	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	Isopropylbenzene	0.00399		0.00136	0.00337	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	Naphthalene	0.0841	C3	0.0103	0.0169	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	n-Propylbenzene	0.0361		0.00228	0.00674	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	1,2,4-Trimethylbenzene	0.0538		0.00321	0.00674	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	1,2,3-Trimethylbenzene	0.0255		0.00245	0.00674	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	1,3,5-Trimethylbenzene	0.0110		0.00307	0.00674	1	09/20/2025 04:46	WG2604145
SB-7-3'	L1899525-01	Xylenes, Total	0.0350		0.00377	0.00876	1	09/20/2025 04:46	WG2604145
SB-7-6'	L1899525-02	Toluene	0.00462	J	0.00453	0.00782	1.02	09/20/2025 05:05	WG2604145
SB-8-3'	L1899525-03	Ethylbenzene	0.00207	J	0.00190	0.00481	1.43	09/20/2025 05:25	WG2604145
SB-8-3'	L1899525-03	Naphthalene	0.0173	C3 J	0.0147	0.0241	1.43	09/20/2025 05:25	WG2604145
SB-8-3'	L1899525-03	n-Propylbenzene	0.00672	J	0.00325	0.00961	1.43	09/20/2025 05:25	WG2604145
SB-9-3'	L1899525-05	Ethylbenzene	0.00157	J	0.00125	0.00316	1	09/20/2025 06:05	WG2604145
SB-9-3'	L1899525-05	n-Propylbenzene	0.00459	J	0.00214	0.00633	1	09/20/2025 06:05	WG2604145
SB-5-6'	L1899525-08	Acetone	0.132	J	0.103	0.147	1.03	09/19/2025 13:43	WG2604149

DETECTION SUMMARY

Volatile Organic Compounds (GC/MS) by Method 8260D

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SB-3-0.5'	L1899525-13	Benzene	0.00318		0.000767	0.00108	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	Ethylbenzene	0.00367		0.00107	0.00270	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	Naphthalene	0.0155		0.00824	0.0135	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	n-Propylbenzene	0.00184	J	0.00182	0.00540	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	Toluene	0.0121		0.00312	0.00540	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	1,2,4-Trimethylbenzene	0.00853		0.00257	0.00540	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	1,2,3-Trimethylbenzene	0.00198	J	0.00196	0.00540	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	1,3,5-Trimethylbenzene	0.00426	J	0.00246	0.00540	1	09/19/2025 15:11	WG2604149
SB-3-0.5'	L1899525-13	Xylenes, Total	0.0243		0.00302	0.00702	1	09/19/2025 15:11	WG2604149
SB-3-3'	L1899525-14	Tetrachloroethene	0.0107	C5	0.00244	0.00401	1	09/19/2025 15:33	WG2604149
SB-2-3'	L1899525-16	Tetrachloroethene	0.0268	C5	0.00225	0.00370	1	09/19/2025 15:55	WG2604149
SB-1-0.5'	L1899525-17	Tetrachloroethene	0.0628	C5	0.00652	0.0107	4.04	09/19/2025 19:52	WG2604149
SB-1-3'	L1899525-18	Tetrachloroethene	0.0335	C5	0.00214	0.00352	1	09/19/2025 16:17	WG2604149

Semi-Volatile Organic Compounds (GC) by Method 8015C

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
SB-7-3'	L1899525-01	C12-C22 Hydrocarbons	5.97		2.93	4.64	1	09/28/2025 09:51	WG2606612
SB-7-3'	L1899525-01	C22-C32 Hydrocarbons	31.6		2.93	4.64	1	09/28/2025 09:51	WG2606612
SB-7-3'	L1899525-01	C32-C40 Hydrocarbons	36.3		2.93	4.64	1	09/28/2025 09:51	WG2606612
SB-8-3'	L1899525-03	C22-C32 Hydrocarbons	4.56	J	3.04	4.81	1	09/28/2025 05:25	WG2606612
SB-8-3'	L1899525-03	C32-C40 Hydrocarbons	5.47		3.04	4.81	1	09/28/2025 05:25	WG2606612
SB-8-6'	L1899525-04	C12-C22 Hydrocarbons	3.62	J	3.23	5.11	1	09/28/2025 04:29	WG2606612
SB-9-3'	L1899525-05	C12-C22 Hydrocarbons	16.5	J	14.3	22.5	5	09/28/2025 10:19	WG2606612
SB-9-3'	L1899525-05	C22-C32 Hydrocarbons	118		14.3	22.5	5	09/28/2025 10:19	WG2606612
SB-9-3'	L1899525-05	C32-C40 Hydrocarbons	175		14.3	22.5	5	09/28/2025 10:19	WG2606612
SB-9-6'	L1899525-06	C22-C32 Hydrocarbons	7.24		3.17	5.01	1	09/28/2025 08:27	WG2606612
SB-9-6'	L1899525-06	C32-C40 Hydrocarbons	7.39		3.17	5.01	1	09/28/2025 08:27	WG2606612
SB-5-3'	L1899525-07	C32-C40 Hydrocarbons	4.92	J	3.20	5.06	1	09/28/2025 05:53	WG2606612
SB-5-6'	L1899525-08	C12-C22 Hydrocarbons	3.92	J	3.08	4.87	1	09/28/2025 08:41	WG2606612
SB-5-6'	L1899525-08	C22-C32 Hydrocarbons	26.4		3.08	4.87	1	09/28/2025 08:41	WG2606612
SB-5-6'	L1899525-08	C32-C40 Hydrocarbons	27.6		3.08	4.87	1	09/28/2025 08:41	WG2606612
SB-6-3'	L1899525-09	C22-C32 Hydrocarbons	3.83	J	3.05	4.82	1	09/28/2025 06:07	WG2606612
SB-6-3'	L1899525-09	C32-C40 Hydrocarbons	5.71		3.05	4.82	1	09/28/2025 06:07	WG2606612
SB-6-6'	L1899525-10	C22-C32 Hydrocarbons	3.28	J	3.22	5.09	1	09/28/2025 15:56	WG2606613
SB-6-6'	L1899525-10	C32-C40 Hydrocarbons	4.08	J	3.22	5.09	1	09/28/2025 15:56	WG2606613
SB-4-3'	L1899525-11	C22-C32 Hydrocarbons	11.0		2.93	4.63	1	09/28/2025 16:39	WG2606613
SB-4-3'	L1899525-11	C32-C40 Hydrocarbons	14.9		2.93	4.63	1	09/28/2025 16:39	WG2606613
SB-3-0.5'	L1899525-13	C22-C32 Hydrocarbons	1010		263	416	100	09/28/2025 17:35	WG2606613
SB-3-0.5'	L1899525-13	C32-C40 Hydrocarbons	1550		263	416	100	09/28/2025 17:35	WG2606613
SB-3-3'	L1899525-14	C12-C22 Hydrocarbons	6.69		3.23	5.11	1	09/28/2025 16:53	WG2606613
SB-3-3'	L1899525-14	C22-C32 Hydrocarbons	30.4		3.23	5.11	1	09/28/2025 16:53	WG2606613
SB-3-3'	L1899525-14	C32-C40 Hydrocarbons	34.5		3.23	5.11	1	09/28/2025 16:53	WG2606613
SB-2-0.5'	L1899525-15	C22-C32 Hydrocarbons	1700		530	838	200	09/28/2025 18:03	WG2606613
SB-2-0.5'	L1899525-15	C32-C40 Hydrocarbons	2620		530	838	200	09/28/2025 18:03	WG2606613
SB-2-3'	L1899525-16	C12-C22 Hydrocarbons	5.20		3.11	4.91	1	09/28/2025 17:07	WG2606613
SB-2-3'	L1899525-16	C22-C32 Hydrocarbons	34.9		3.11	4.91	1	09/28/2025 17:07	WG2606613
SB-2-3'	L1899525-16	C32-C40 Hydrocarbons	45.1		3.11	4.91	1	09/28/2025 17:07	WG2606613
SB-1-0.5'	L1899525-17	C22-C32 Hydrocarbons	372	J	261	413	100	09/28/2025 18:31	WG2606613
SB-1-0.5'	L1899525-17	C32-C40 Hydrocarbons	626		261	413	100	09/28/2025 18:31	WG2606613
SB-1-3'	L1899525-18	C22-C32 Hydrocarbons	6.74		3.05	4.82	1	09/28/2025 16:24	WG2606613
SB-1-3'	L1899525-18	C32-C40 Hydrocarbons	11.2		3.05	4.82	1	09/28/2025 16:24	WG2606613

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

DETECTION SUMMARY

Pesticides (GC) by Method 8081B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier <u>J P</u>	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch WG2605157
SSB-5-3'	L1899525-20	4,4-DDE	0.0150	<u>J P</u>	0.00825	0.0245	1	09/22/2025 20:52	WG2605157

¹Cp²Tc³Ss

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier <u>J</u>	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch WG2605155
SB-7-3'	L1899525-01	Benzo(a)pyrene	0.0493	<u>J</u>	0.0155	0.0772	2	09/26/2025 18:48	WG2605155
SB-7-3'	L1899525-01	Indeno(1,2,3-cd)pyrene	0.0432	<u>J</u>	0.0155	0.0772	2	09/26/2025 18:48	WG2605155
SB-7-3'	L1899525-01	Naphthalene	0.0286	<u>J</u>	0.0194	0.0772	2	09/26/2025 18:48	WG2605155
SB-8-3'	L1899525-03	Naphthalene	0.0159	<u>J</u>	0.0101	0.0401	1	09/26/2025 16:40	WG2605155
SB-9-3'	L1899525-05	Benzo(a)anthracene	0.0109	<u>J</u>	0.00856	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Benzo(b)fluoranthene	0.0293	<u>J</u>	0.0122	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Benzo(g,h,i)perylene	0.0222	<u>J</u>	0.0145	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Benzo(a)pyrene	0.0641	<u>J</u>	0.0151	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Chrysene	0.0195	<u>J</u>	0.00780	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Fluoranthene	0.0151	<u>J</u>	0.00967	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Indeno(1,2,3-cd)pyrene	0.0561	<u>J</u>	0.0151	0.0750	2	09/26/2025 19:09	WG2605155
SB-9-3'	L1899525-05	Pyrene	0.0205	<u>J</u>	0.00841	0.0750	2	09/26/2025 19:09	WG2605155
SB-5-6'	L1899525-08	Phenanthrene	0.00673	<u>J</u>	0.00445	0.0405	1	09/25/2025 16:19	WG2605156
SB-4-3'	L1899525-11	Fluoranthene	0.00697	<u>J</u>	0.00496	0.0385	1	09/25/2025 14:57	WG2605156
SB-4-3'	L1899525-11	Pyrene	0.00563	<u>J</u>	0.00432	0.0385	1	09/25/2025 14:57	WG2605156
SB-2-0.5'	L1899525-15	Benzo(a)anthracene	0.207	<u>J</u>	0.199	1.75	50	09/26/2025 01:35	WG2605156
SB-2-3'	L1899525-16	Phenanthrene	0.00893	<u>J</u>	0.00450	0.0409	1	09/25/2025 16:40	WG2605156
SB-1-0.5'	L1899525-17	Benzo(a)anthracene	0.0448	<u>J</u>	0.0392	0.343	10	09/25/2025 18:02	WG2605156
SB-1-0.5'	L1899525-17	Benzo(b)fluoranthene	0.0786	<u>J</u>	0.0559	0.343	10	09/25/2025 18:02	WG2605156
SB-1-0.5'	L1899525-17	Chrysene	0.0483	<u>J</u>	0.0357	0.343	10	09/25/2025 18:02	WG2605156
SB-1-0.5'	L1899525-17	Fluoranthene	0.0589	<u>J</u>	0.0442	0.343	10	09/25/2025 18:02	WG2605156
SB-1-0.5'	L1899525-17	Pyrene	0.0647	<u>J</u>	0.0385	0.343	10	09/25/2025 18:02	WG2605156

⁴Cn⁵Ds⁶Sr⁷Qc⁸Gl⁹Al¹⁰Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	86.3		1	09/19/2025 08:01	WG2603988

Volatile Organic Compounds (GC) by Method 8015C

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.70	3.37	25	09/20/2025 10:57	WG2604569
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		09/20/2025 10:57	WG2604569

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0940	0.135	1	09/20/2025 04:46	WG2604145
Acrylonitrile	U		0.0108	0.0169	1	09/20/2025 04:46	WG2604145
Benzene	0.00125	J	0.000958	0.00135	1	09/20/2025 04:46	WG2604145
Bromobenzene	U		0.00526	0.0169	1	09/20/2025 04:46	WG2604145
Bromodichloromethane	U		0.00158	0.00337	1	09/20/2025 04:46	WG2604145
Bromoform	U		0.0134	0.0337	1	09/20/2025 04:46	WG2604145
Bromomethane	U		0.0136	0.0169	1	09/20/2025 04:46	WG2604145
n-Butylbenzene	0.0286		0.00843	0.0169	1	09/20/2025 04:46	WG2604145
sec-Butylbenzene	0.0130	J	0.00516	0.0169	1	09/20/2025 04:46	WG2604145
tert-Butylbenzene	U		0.00255	0.00674	1	09/20/2025 04:46	WG2604145
Carbon tetrachloride	U		0.00406	0.00674	1	09/20/2025 04:46	WG2604145
Chlorobenzene	U		0.00116	0.00337	1	09/20/2025 04:46	WG2604145
Chlorodibromomethane	U		0.00217	0.00337	1	09/20/2025 04:46	WG2604145
Chloroethane	U		0.00767	0.0135	1	09/20/2025 04:46	WG2604145
Chloroform	U		0.00218	0.00337	1	09/20/2025 04:46	WG2604145
Chloromethane	U		0.0115	0.0169	1	09/20/2025 04:46	WG2604145
2-Chlorotoluene	U		0.00174	0.00337	1	09/20/2025 04:46	WG2604145
4-Chlorotoluene	U		0.00208	0.00674	1	09/20/2025 04:46	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0144	0.0337	1	09/20/2025 04:46	WG2604145
1,2-Dibromoethane	U		0.00170	0.00337	1	09/20/2025 04:46	WG2604145
Dibromomethane	U		0.00240	0.00674	1	09/20/2025 04:46	WG2604145
1,2-Dichlorobenzene	U		0.00210	0.00674	1	09/20/2025 04:46	WG2604145
1,3-Dichlorobenzene	U		0.00222	0.00674	1	09/20/2025 04:46	WG2604145
1,4-Dichlorobenzene	U		0.00236	0.00674	1	09/20/2025 04:46	WG2604145
Dichlorodifluoromethane	U		0.00586	0.00674	1	09/20/2025 04:46	WG2604145
1,1-Dichloroethane	U		0.00136	0.00337	1	09/20/2025 04:46	WG2604145
1,2-Dichloroethane	U		0.00197	0.00337	1	09/20/2025 04:46	WG2604145
1,1-Dichloroethene	U		0.00206	0.00337	1	09/20/2025 04:46	WG2604145
cis-1,2-Dichloroethene	U		0.00174	0.00337	1	09/20/2025 04:46	WG2604145
trans-1,2-Dichloroethene	U		0.00140	0.00674	1	09/20/2025 04:46	WG2604145
1,2-Dichloropropane	U		0.00259	0.00674	1	09/20/2025 04:46	WG2604145
1,1-Dichloropropene	U		0.00186	0.00674	1	09/20/2025 04:46	WG2604145
1,3-Dichloropropane	U		0.00218	0.00674	1	09/20/2025 04:46	WG2604145
cis-1,3-Dichloropropene	U		0.00142	0.00337	1	09/20/2025 04:46	WG2604145
trans-1,3-Dichloropropene	U		0.00142	0.00674	1	09/20/2025 04:46	WG2604145
2,2-Dichloropropane	U		0.00272	0.00337	1	09/20/2025 04:46	WG2604145
Di-isopropyl ether	U		0.00104	0.00135	1	09/20/2025 04:46	WG2604145
Ethylbenzene	0.00891		0.00133	0.00337	1	09/20/2025 04:46	WG2604145
Hexachloro-1,3-butadiene	U		0.0140	0.0337	1	09/20/2025 04:46	WG2604145
Isopropylbenzene	0.00399		0.00136	0.00337	1	09/20/2025 04:46	WG2604145
p-Isopropyltoluene	U		0.00287	0.00674	1	09/20/2025 04:46	WG2604145
2-Butanone (MEK)	U	C3	0.120	0.135	1	09/20/2025 04:46	WG2604145
Methylene Chloride	U		0.0148	0.0337	1	09/20/2025 04:46	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0134	0.0337	1	09/20/2025 04:46	WG2604145

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00104	0.00135	1	09/20/2025 04:46	WG2604145
Naphthalene	0.0841	C3	0.0103	0.0169	1	09/20/2025 04:46	WG2604145
n-Propylbenzene	0.0361		0.00228	0.00674	1	09/20/2025 04:46	WG2604145
Styrene	U		0.00600	0.0169	1	09/20/2025 04:46	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00175	0.00337	1	09/20/2025 04:46	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00156	0.00337	1	09/20/2025 04:46	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00379	0.00674	1	09/20/2025 04:46	WG2604145
Tetrachloroethene	U		0.00205	0.00337	1	09/20/2025 04:46	WG2604145
Toluene	U		0.00390	0.00674	1	09/20/2025 04:46	WG2604145
1,2,3-Trichlorobenzene	U		0.00942	0.0169	1	09/20/2025 04:46	WG2604145
1,2,4-Trichlorobenzene	U		0.00731	0.0169	1	09/20/2025 04:46	WG2604145
1,1,1-Trichloroethane	U		0.00195	0.00337	1	09/20/2025 04:46	WG2604145
1,1,2-Trichloroethane	U		0.00181	0.00337	1	09/20/2025 04:46	WG2604145
Trichloroethene	U		0.00120	0.00135	1	09/20/2025 04:46	WG2604145
Trichlorofluoromethane	U		0.00352	0.00539	1	09/20/2025 04:46	WG2604145
1,2,3-Trichloropropane	U		0.00825	0.0169	1	09/20/2025 04:46	WG2604145
1,2,4-Trimethylbenzene	0.0538		0.00321	0.00674	1	09/20/2025 04:46	WG2604145
1,2,3-Trimethylbenzene	0.0255		0.00245	0.00674	1	09/20/2025 04:46	WG2604145
1,3,5-Trimethylbenzene	0.0110		0.00307	0.00674	1	09/20/2025 04:46	WG2604145
Vinyl chloride	U		0.00271	0.00337	1	09/20/2025 04:46	WG2604145
Xylenes, Total	0.0350		0.00377	0.00876	1	09/20/2025 04:46	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 04:46	WG2604145
(S) 4-Bromofluorobenzene	95.0			67.0-138		09/20/2025 04:46	WG2604145
(S) 1,2-Dichloroethane-d4	86.5			70.0-130		09/20/2025 04:46	WG2604145



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	5.97		2.93	4.64	1	09/28/2025 09:51	WG2606612
C22-C32 Hydrocarbons	31.6		2.93	4.64	1	09/28/2025 09:51	WG2606612
C32-C40 Hydrocarbons	36.3		2.93	4.64	1	09/28/2025 09:51	WG2606612
(S) o-Terphenyl	41.3			18.0-148		09/28/2025 09:51	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0125	0.0772	2	09/26/2025 18:48	WG2605155
Acenaphthylene	U		0.0131	0.0772	2	09/26/2025 18:48	WG2605155
Anthracene	U		0.00948	0.0772	2	09/26/2025 18:48	WG2605155
Benzo(a)anthracene	U		0.00881	0.0772	2	09/26/2025 18:48	WG2605155
Benzo(b)fluoranthene	U		0.0125	0.0772	2	09/26/2025 18:48	WG2605155
Benzo(k)fluoranthene	U		0.0112	0.0772	2	09/26/2025 18:48	WG2605155
Benzo(g,h,i)perylene	U		0.0150	0.0772	2	09/26/2025 18:48	WG2605155
Benzo(a)pyrene	0.0493	J	0.0155	0.0772	2	09/26/2025 18:48	WG2605155
Bis(2-chlorethoxy)methane	U		0.0837	0.772	2	09/26/2025 18:48	WG2605155
Bis(2-chloroethyl)ether	U		0.146	0.772	2	09/26/2025 18:48	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0756	0.772	2	09/26/2025 18:48	WG2605155
4-Bromophenyl-phenylether	U		0.110	0.772	2	09/26/2025 18:48	WG2605155
2-Chloronaphthalene	U		0.0115	0.0772	2	09/26/2025 18:48	WG2605155
4-Chlorophenyl-phenylether	U		0.110	0.772	2	09/26/2025 18:48	WG2605155
Chrysene	U		0.00802	0.0772	2	09/26/2025 18:48	WG2605155
Dibenz(a,h)anthracene	U		0.0137	0.0772	2	09/26/2025 18:48	WG2605155
3,3-Dichlorobenzidine	U		0.294	0.772	2	09/26/2025 18:48	WG2605155
2,4-Dinitrotoluene	U		0.153	0.772	2	09/26/2025 18:48	WG2605155
2,6-Dinitrotoluene	U		0.146	0.772	2	09/26/2025 18:48	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00995	0.0772	2	09/26/2025 18:48	WG2605155
Fluorene	U		0.0115	0.0772	2	09/26/2025 18:48	WG2605155
Hexachlorobenzene	U		0.126	0.772	2	09/26/2025 18:48	WG2605155
Hexachloro-1,3-butadiene	U		0.123	0.772	2	09/26/2025 18:48	WG2605155
Hexachlorocyclopentadiene	U		0.236	0.772	2	09/26/2025 18:48	WG2605155
Hexachloroethane	U		0.0951	0.772	2	09/26/2025 18:48	WG2605155
Indeno(1,2,3-cd)pyrene	0.0432	1U	0.0155	0.0772	2	09/26/2025 18:48	WG2605155
Isophorone	U		0.0971	0.772	2	09/26/2025 18:48	WG2605155
Naphthalene	0.0286	1U	0.0194	0.0772	2	09/26/2025 18:48	WG2605155
Nitrobenzene	U		0.104	0.772	2	09/26/2025 18:48	WG2605155
n-Nitrosodimethylamine	U		0.181	0.772	2	09/26/2025 18:48	WG2605155
n-Nitrosodiphenylamine	U		0.0990	0.772	2	09/26/2025 18:48	WG2605155
n-Nitrosodi-n-propylamine	U		0.123	0.772	2	09/26/2025 18:48	WG2605155
Phenanthrene	U		0.00849	0.0772	2	09/26/2025 18:48	WG2605155
Pyridine	U		0.129	0.772	2	09/26/2025 18:48	WG2605155
Benzylbutyl phthalate	U		0.150	0.772	2	09/26/2025 18:48	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.152	0.772	2	09/26/2025 18:48	WG2605155
Di-n-butyl phthalate	U		0.104	0.772	2	09/26/2025 18:48	WG2605155
Diethyl phthalate	U		0.119	0.772	2	09/26/2025 18:48	WG2605155
Dimethyl phthalate	U		0.104	0.772	2	09/26/2025 18:48	WG2605155
Di-n-octyl phthalate	U		0.341	0.772	2	09/26/2025 18:48	WG2605155
Pyrene	U		0.00865	0.0772	2	09/26/2025 18:48	WG2605155
1,2,4-Trichlorobenzene	U		0.0916	0.772	2	09/26/2025 18:48	WG2605155
4-Chloro-3-methylphenol	U		0.121	0.772	2	09/26/2025 18:48	WG2605155
2-Chlorophenol	U		0.0802	0.772	2	09/26/2025 18:48	WG2605155
2,4-Dichlorophenol	U		0.102	0.772	2	09/26/2025 18:48	WG2605155
2,4-Dimethylphenol	U	C3	0.160	0.772	2	09/26/2025 18:48	WG2605155
4,6-Dinitro-2-methylphenol	U		0.236	0.772	2	09/26/2025 18:48	WG2605155
2,4-Dinitrophenol	U		0.294	0.772	2	09/26/2025 18:48	WG2605155
2-Methylphenol	U		0.0867	0.772	2	09/26/2025 18:48	WG2605155
3&4-Methyl Phenol	U		0.0951	0.772	2	09/26/2025 18:48	WG2605155
2-Nitrophenol	U		0.115	0.772	2	09/26/2025 18:48	WG2605155
4-Nitrophenol	U		0.246	0.772	2	09/26/2025 18:48	WG2605155
Pentachlorophenol	U		0.145	0.772	2	09/26/2025 18:48	WG2605155
Phenol	U		0.131	0.772	2	09/26/2025 18:48	WG2605155
2,4,6-Trichlorophenol	U		0.184	0.772	2	09/26/2025 18:48	WG2605155
2,4,5-Trichlorophenol	U		0.189	0.772	2	09/26/2025 18:48	WG2605155
(S) 2-Fluorophenol	76.4			12.0-120		09/26/2025 18:48	WG2605155
(S) Phenol-d5	70.0			10.0-120		09/26/2025 18:48	WG2605155
(S) Nitrobenzene-d5	66.3			10.0-122		09/26/2025 18:48	WG2605155
(S) 2-Fluorobiphenyl	62.5			15.0-120		09/26/2025 18:48	WG2605155
(S) 2,4,6-Tribromophenol	69.4			10.0-127		09/26/2025 18:48	WG2605155
(S) p-Terphenyl-d14	68.4			10.0-120		09/26/2025 18:48	WG2605155

Sample Narrative:

L1899525-01 WG2605155: Dilution due to matrix impact during extract concentration procedure



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.8		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.13	3.91	25.5	09/20/2025 11:19	WG2604569
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		09/20/2025 11:19	WG2604569

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.109	0.156	1.02	09/20/2025 05:05	WG2604145
Acrylonitrile	U		0.0126	0.0196	1.02	09/20/2025 05:05	WG2604145
Benzene	U		0.00111	0.00156	1.02	09/20/2025 05:05	WG2604145
Bromobenzene	U		0.00611	0.0196	1.02	09/20/2025 05:05	WG2604145
Bromodichloromethane	U		0.00183	0.00391	1.02	09/20/2025 05:05	WG2604145
Bromoform	U		0.0155	0.0391	1.02	09/20/2025 05:05	WG2604145
Bromomethane	U		0.0158	0.0196	1.02	09/20/2025 05:05	WG2604145
n-Butylbenzene	U		0.00979	0.0196	1.02	09/20/2025 05:05	WG2604145
sec-Butylbenzene	U		0.00600	0.0196	1.02	09/20/2025 05:05	WG2604145
tert-Butylbenzene	U		0.00296	0.00782	1.02	09/20/2025 05:05	WG2604145
Carbon tetrachloride	U		0.00471	0.00782	1.02	09/20/2025 05:05	WG2604145
Chlorobenzene	U		0.00134	0.00391	1.02	09/20/2025 05:05	WG2604145
Chlorodibromomethane	U		0.00252	0.00391	1.02	09/20/2025 05:05	WG2604145
Chloroethane	U		0.00890	0.0156	1.02	09/20/2025 05:05	WG2604145
Chloroform	U		0.00253	0.00391	1.02	09/20/2025 05:05	WG2604145
Chloromethane	U		0.0133	0.0196	1.02	09/20/2025 05:05	WG2604145
2-Chlorotoluene	U		0.00203	0.00391	1.02	09/20/2025 05:05	WG2604145
4-Chlorotoluene	U		0.00241	0.00782	1.02	09/20/2025 05:05	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0167	0.0391	1.02	09/20/2025 05:05	WG2604145
1,2-Dibromoethane	U		0.00198	0.00391	1.02	09/20/2025 05:05	WG2604145
Dibromomethane	U		0.00279	0.00782	1.02	09/20/2025 05:05	WG2604145
1,2-Dichlorobenzene	U		0.00244	0.00782	1.02	09/20/2025 05:05	WG2604145
1,3-Dichlorobenzene	U		0.00258	0.00782	1.02	09/20/2025 05:05	WG2604145
1,4-Dichlorobenzene	U		0.00275	0.00782	1.02	09/20/2025 05:05	WG2604145
Dichlorodifluoromethane	U		0.00681	0.00782	1.02	09/20/2025 05:05	WG2604145
1,1-Dichloroethane	U		0.00158	0.00391	1.02	09/20/2025 05:05	WG2604145
1,2-Dichloroethane	U		0.00229	0.00391	1.02	09/20/2025 05:05	WG2604145
1,1-Dichloroethene	U		0.00239	0.00391	1.02	09/20/2025 05:05	WG2604145
cis-1,2-Dichloroethene	U		0.00203	0.00391	1.02	09/20/2025 05:05	WG2604145
trans-1,2-Dichloroethene	U		0.00163	0.00782	1.02	09/20/2025 05:05	WG2604145
1,2-Dichloropropane	U		0.00301	0.00782	1.02	09/20/2025 05:05	WG2604145
1,1-Dichloropropene	U		0.00216	0.00782	1.02	09/20/2025 05:05	WG2604145
1,3-Dichloropropane	U		0.00253	0.00782	1.02	09/20/2025 05:05	WG2604145
cis-1,3-Dichloropropene	U		0.00164	0.00391	1.02	09/20/2025 05:05	WG2604145
trans-1,3-Dichloropropene	U		0.00164	0.00782	1.02	09/20/2025 05:05	WG2604145
2,2-Dichloropropane	U		0.00316	0.00391	1.02	09/20/2025 05:05	WG2604145
Di-isopropyl ether	U		0.00120	0.00156	1.02	09/20/2025 05:05	WG2604145
Ethylbenzene	U		0.00155	0.00391	1.02	09/20/2025 05:05	WG2604145
Hexachloro-1,3-butadiene	U		0.0163	0.0391	1.02	09/20/2025 05:05	WG2604145
Isopropylbenzene	U		0.00158	0.00391	1.02	09/20/2025 05:05	WG2604145
p-Isopropyltoluene	U		0.00333	0.00782	1.02	09/20/2025 05:05	WG2604145
2-Butanone (MEK)	U	C3	0.139	0.156	1.02	09/20/2025 05:05	WG2604145
Methylene Chloride	U		0.0172	0.0391	1.02	09/20/2025 05:05	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0155	0.0391	1.02	09/20/2025 05:05	WG2604145

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00121	0.00156	1.02	09/20/2025 05:05	WG2604145
Naphthalene	U	C3	0.0119	0.0196	1.02	09/20/2025 05:05	WG2604145
n-Propylbenzene	U		0.00264	0.00782	1.02	09/20/2025 05:05	WG2604145
Styrene	U		0.00697	0.0196	1.02	09/20/2025 05:05	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00204	0.00391	1.02	09/20/2025 05:05	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00181	0.00391	1.02	09/20/2025 05:05	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00440	0.00782	1.02	09/20/2025 05:05	WG2604145
Tetrachloroethene	U		0.00238	0.00391	1.02	09/20/2025 05:05	WG2604145
Toluene	0.00462	U	0.00453	0.00782	1.02	09/20/2025 05:05	WG2604145
1,2,3-Trichlorobenzene	U		0.0109	0.0196	1.02	09/20/2025 05:05	WG2604145
1,2,4-Trichlorobenzene	U		0.00848	0.0196	1.02	09/20/2025 05:05	WG2604145
1,1,1-Trichloroethane	U		0.00227	0.00391	1.02	09/20/2025 05:05	WG2604145
1,1,2-Trichloroethane	U		0.00210	0.00391	1.02	09/20/2025 05:05	WG2604145
Trichloroethene	U		0.00139	0.00156	1.02	09/20/2025 05:05	WG2604145
Trichlorofluoromethane	U		0.00408	0.00626	1.02	09/20/2025 05:05	WG2604145
1,2,3-Trichloropropane	U		0.00957	0.0196	1.02	09/20/2025 05:05	WG2604145
1,2,4-Trimethylbenzene	U		0.00373	0.00782	1.02	09/20/2025 05:05	WG2604145
1,2,3-Trimethylbenzene	U		0.00285	0.00782	1.02	09/20/2025 05:05	WG2604145
1,3,5-Trimethylbenzene	U		0.00357	0.00782	1.02	09/20/2025 05:05	WG2604145
Vinyl chloride	U		0.00315	0.00391	1.02	09/20/2025 05:05	WG2604145
Xylenes, Total	U		0.00439	0.0102	1.02	09/20/2025 05:05	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 05:05	WG2604145
(S) 4-Bromofluorobenzene	95.9			67.0-138		09/20/2025 05:05	WG2604145
(S) 1,2-Dichloroethane-d4	86.3			70.0-130		09/20/2025 05:05	WG2604145



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.21	5.08	1	09/28/2025 07:31	WG2606612
C22-C32 Hydrocarbons	U		3.21	5.08	1	09/28/2025 07:31	WG2606612
C32-C40 Hydrocarbons	U		3.21	5.08	1	09/28/2025 07:31	WG2606612
(S) o-Terphenyl	53.1			18.0-148		09/28/2025 07:31	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00684	0.0423	1	09/26/2025 16:19	WG2605155
Acenaphthylene	U		0.00720	0.0423	1	09/26/2025 16:19	WG2605155
Anthracene	U		0.00519	0.0423	1	09/26/2025 16:19	WG2605155
Benzo(a)anthracene	U		0.00482	0.0423	1	09/26/2025 16:19	WG2605155
Benzo(b)fluoranthene	U		0.00688	0.0423	1	09/26/2025 16:19	WG2605155
Benzo(k)fluoranthene	U		0.00614	0.0423	1	09/26/2025 16:19	WG2605155
Benzo(g,h,i)perylene	U		0.00818	0.0423	1	09/26/2025 16:19	WG2605155
Benzo(a)pyrene	U		0.00848	0.0423	1	09/26/2025 16:19	WG2605155
Bis(2-chloroethoxy)methane	U		0.0458	0.423	1	09/26/2025 16:19	WG2605155
Bis(2-chloroethyl)ether	U		0.0799	0.423	1	09/26/2025 16:19	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0414	0.423	1	09/26/2025 16:19	WG2605155
4-Bromophenyl-phenylether	U		0.0603	0.423	1	09/26/2025 16:19	WG2605155
2-Chloronaphthalene	U		0.00630	0.0423	1	09/26/2025 16:19	WG2605155
4-Chlorophenyl-phenylether	U		0.0603	0.423	1	09/26/2025 16:19	WG2605155
Chrysene	U		0.00439	0.0423	1	09/26/2025 16:19	WG2605155
Dibenz(a,h)anthracene	U		0.00746	0.0423	1	09/26/2025 16:19	WG2605155
3,3-Dichlorobenzidine	U		0.161	0.423	1	09/26/2025 16:19	WG2605155
2,4-Dinitrotoluene	U		0.0838	0.423	1	09/26/2025 16:19	WG2605155
2,6-Dinitrotoluene	U		0.0797	0.423	1	09/26/2025 16:19	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00545	0.0423	1	09/26/2025 16:19	WG2605155
Fluorene	U		0.00631	0.0423	1	09/26/2025 16:19	WG2605155
Hexachlorobenzene	U		0.0691	0.423	1	09/26/2025 16:19	WG2605155
Hexachloro-1,3-butadiene	U		0.0670	0.423	1	09/26/2025 16:19	WG2605155
Hexachlorocyclopentadiene	U		0.129	0.423	1	09/26/2025 16:19	WG2605155
Hexachloroethane	U		0.0521	0.423	1	09/26/2025 16:19	WG2605155
Indeno(1,2,3-cd)pyrene	U		0.00849	0.0423	1	09/26/2025 16:19	WG2605155
Isophorone	U		0.0532	0.423	1	09/26/2025 16:19	WG2605155
Naphthalene	U		0.0106	0.0423	1	09/26/2025 16:19	WG2605155
Nitrobenzene	U		0.0571	0.423	1	09/26/2025 16:19	WG2605155
n-Nitrosodimethylamine	U		0.0993	0.423	1	09/26/2025 16:19	WG2605155
n-Nitrosodiphenylamine	U		0.0542	0.423	1	09/26/2025 16:19	WG2605155
n-Nitrosodi-n-propylamine	U		0.0670	0.423	1	09/26/2025 16:19	WG2605155
Phenanthrene	U		0.00465	0.0423	1	09/26/2025 16:19	WG2605155
Pyridine	U		0.0707	0.423	1	09/26/2025 16:19	WG2605155
Benzylbutyl phthalate	U		0.0819	0.423	1	09/26/2025 16:19	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.0834	0.423	1	09/26/2025 16:19	WG2605155
Di-n-butyl phthalate	U		0.0569	0.423	1	09/26/2025 16:19	WG2605155
Diethyl phthalate	U		0.0655	0.423	1	09/26/2025 16:19	WG2605155
Dimethyl phthalate	U		0.0567	0.423	1	09/26/2025 16:19	WG2605155
Di-n-octyl phthalate	U		0.187	0.423	1	09/26/2025 16:19	WG2605155
Pyrene	U		0.00474	0.0423	1	09/26/2025 16:19	WG2605155
1,2,4-Trichlorobenzene	U		0.0501	0.423	1	09/26/2025 16:19	WG2605155
4-Chloro-3-methylphenol	U		0.0660	0.423	1	09/26/2025 16:19	WG2605155
2-Chlorophenol	U		0.0439	0.423	1	09/26/2025 16:19	WG2605155
2,4-Dichlorophenol	U		0.0557	0.423	1	09/26/2025 16:19	WG2605155
2,4-Dimethylphenol	U	C3	0.0877	0.423	1	09/26/2025 16:19	WG2605155
4,6-Dinitro-2-methylphenol	U		0.129	0.423	1	09/26/2025 16:19	WG2605155
2,4-Dinitrophenol	U		0.161	0.423	1	09/26/2025 16:19	WG2605155
2-Methylphenol	U		0.0475	0.423	1	09/26/2025 16:19	WG2605155
3&4-Methyl Phenol	U		0.0521	0.423	1	09/26/2025 16:19	WG2605155
2-Nitrophenol	U		0.0627	0.423	1	09/26/2025 16:19	WG2605155
4-Nitrophenol	U		0.135	0.423	1	09/26/2025 16:19	WG2605155
Pentachlorophenol	U		0.0791	0.423	1	09/26/2025 16:19	WG2605155
Phenol	U		0.0720	0.423	1	09/26/2025 16:19	WG2605155
2,4,6-Trichlorophenol	U		0.101	0.423	1	09/26/2025 16:19	WG2605155
2,4,5-Trichlorophenol	U		0.103	0.423	1	09/26/2025 16:19	WG2605155
(S) 2-Fluorophenol	74.1			12.0-120		09/26/2025 16:19	WG2605155
(S) Phenol-d5	65.8			10.0-120		09/26/2025 16:19	WG2605155
(S) Nitrobenzene-d5	61.7			10.0-122		09/26/2025 16:19	WG2605155
(S) 2-Fluorobiphenyl	58.2			15.0-120		09/26/2025 16:19	WG2605155
(S) 2,4,6-Tribromophenol	60.3			10.0-127		09/26/2025 16:19	WG2605155
(S) p-Terphenyl-d14	62.3			10.0-120		09/26/2025 16:19	WG2605155



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.84	4.81	35.8	09/20/2025 11:41	WG2604569
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		09/20/2025 11:41	WG2604569

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.134	0.192	1.43	09/20/2025 05:25	WG2604145
Acrylonitrile	U		0.0155	0.0241	1.43	09/20/2025 05:25	WG2604145
Benzene	U		0.00137	0.00192	1.43	09/20/2025 05:25	WG2604145
Bromobenzene	U		0.00750	0.0241	1.43	09/20/2025 05:25	WG2604145
Bromodichloromethane	U		0.00225	0.00481	1.43	09/20/2025 05:25	WG2604145
Bromoform	U		0.0191	0.0480	1.43	09/20/2025 05:25	WG2604145
Bromomethane	U		0.0194	0.0241	1.43	09/20/2025 05:25	WG2604145
n-Butylbenzene	U		0.0120	0.0241	1.43	09/20/2025 05:25	WG2604145
sec-Butylbenzene	U		0.00737	0.0241	1.43	09/20/2025 05:25	WG2604145
tert-Butylbenzene	U		0.00363	0.00961	1.43	09/20/2025 05:25	WG2604145
Carbon tetrachloride	U		0.00578	0.00961	1.43	09/20/2025 05:25	WG2604145
Chlorobenzene	U		0.00165	0.00481	1.43	09/20/2025 05:25	WG2604145
Chlorodibromomethane	U		0.00309	0.00481	1.43	09/20/2025 05:25	WG2604145
Chloroethane	U		0.0109	0.0192	1.43	09/20/2025 05:25	WG2604145
Chloroform	U		0.00312	0.00481	1.43	09/20/2025 05:25	WG2604145
Chloromethane	U		0.0164	0.0241	1.43	09/20/2025 05:25	WG2604145
2-Chlorotoluene	U		0.00247	0.00481	1.43	09/20/2025 05:25	WG2604145
4-Chlorotoluene	U		0.00296	0.00961	1.43	09/20/2025 05:25	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0206	0.0480	1.43	09/20/2025 05:25	WG2604145
1,2-Dibromoethane	U		0.00242	0.00481	1.43	09/20/2025 05:25	WG2604145
Dibromomethane	U		0.00343	0.00961	1.43	09/20/2025 05:25	WG2604145
1,2-Dichlorobenzene	U		0.00300	0.00961	1.43	09/20/2025 05:25	WG2604145
1,3-Dichlorobenzene	U		0.00317	0.00961	1.43	09/20/2025 05:25	WG2604145
1,4-Dichlorobenzene	U		0.00336	0.00961	1.43	09/20/2025 05:25	WG2604145
Dichlorodifluoromethane	U		0.00836	0.00961	1.43	09/20/2025 05:25	WG2604145
1,1-Dichloroethane	U		0.00194	0.00481	1.43	09/20/2025 05:25	WG2604145
1,2-Dichloroethane	U		0.00281	0.00481	1.43	09/20/2025 05:25	WG2604145
1,1-Dichloroethene	U		0.00294	0.00481	1.43	09/20/2025 05:25	WG2604145
cis-1,2-Dichloroethene	U		0.00247	0.00481	1.43	09/20/2025 05:25	WG2604145
trans-1,2-Dichloroethene	U		0.00200	0.00961	1.43	09/20/2025 05:25	WG2604145
1,2-Dichloropropane	U		0.00370	0.00961	1.43	09/20/2025 05:25	WG2604145
1,1-Dichloropropene	U		0.00265	0.00961	1.43	09/20/2025 05:25	WG2604145
1,3-Dichloropropane	U		0.00312	0.00961	1.43	09/20/2025 05:25	WG2604145
cis-1,3-Dichloropropene	U		0.00202	0.00481	1.43	09/20/2025 05:25	WG2604145
trans-1,3-Dichloropropene	U		0.00202	0.00961	1.43	09/20/2025 05:25	WG2604145
2,2-Dichloropropane	U		0.00389	0.00481	1.43	09/20/2025 05:25	WG2604145
Di-isopropyl ether	U		0.00148	0.00192	1.43	09/20/2025 05:25	WG2604145
Ethylbenzene	0.00207	J	0.00190	0.00481	1.43	09/20/2025 05:25	WG2604145
Hexachloro-1,3-butadiene	U		0.0200	0.0480	1.43	09/20/2025 05:25	WG2604145
Isopropylbenzene	U		0.00194	0.00481	1.43	09/20/2025 05:25	WG2604145
p-Isopropyltoluene	U		0.00410	0.00961	1.43	09/20/2025 05:25	WG2604145
2-Butanone (MEK)	U	C3	0.171	0.192	1.43	09/20/2025 05:25	WG2604145
Methylene Chloride	U		0.0211	0.0480	1.43	09/20/2025 05:25	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0191	0.0480	1.43	09/20/2025 05:25	WG2604145

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00149	0.00192	1.43	09/20/2025 05:25	WG2604145
Naphthalene	0.0173	C3 J	0.0147	0.0241	1.43	09/20/2025 05:25	WG2604145
n-Propylbenzene	0.00672	J	0.00325	0.00961	1.43	09/20/2025 05:25	WG2604145
Styrene	U		0.00855	0.0241	1.43	09/20/2025 05:25	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00250	0.00481	1.43	09/20/2025 05:25	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00223	0.00481	1.43	09/20/2025 05:25	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00540	0.00961	1.43	09/20/2025 05:25	WG2604145
Tetrachloroethene	U		0.00292	0.00481	1.43	09/20/2025 05:25	WG2604145
Toluene	U		0.00555	0.00961	1.43	09/20/2025 05:25	WG2604145
1,2,3-Trichlorobenzene	U		0.0134	0.0241	1.43	09/20/2025 05:25	WG2604145
1,2,4-Trichlorobenzene	U		0.0104	0.0241	1.43	09/20/2025 05:25	WG2604145
1,1,1-Trichloroethane	U		0.00278	0.00481	1.43	09/20/2025 05:25	WG2604145
1,1,2-Trichloroethane	U		0.00258	0.00481	1.43	09/20/2025 05:25	WG2604145
Trichloroethene	U		0.00171	0.00192	1.43	09/20/2025 05:25	WG2604145
Trichlorofluoromethane	U		0.00501	0.00769	1.43	09/20/2025 05:25	WG2604145
1,2,3-Trichloropropane	U		0.0118	0.0241	1.43	09/20/2025 05:25	WG2604145
1,2,4-Trimethylbenzene	U		0.00457	0.00961	1.43	09/20/2025 05:25	WG2604145
1,2,3-Trimethylbenzene	U		0.00350	0.00961	1.43	09/20/2025 05:25	WG2604145
1,3,5-Trimethylbenzene	U		0.00438	0.00961	1.43	09/20/2025 05:25	WG2604145
Vinyl chloride	U		0.00386	0.00481	1.43	09/20/2025 05:25	WG2604145
Xylenes, Total	U		0.00538	0.0125	1.43	09/20/2025 05:25	WG2604145
(S) Toluene-d8	111			75.0-131		09/20/2025 05:25	WG2604145
(S) 4-Bromofluorobenzene	92.6			67.0-138		09/20/2025 05:25	WG2604145
(S) 1,2-Dichloroethane-d4	83.5			70.0-130		09/20/2025 05:25	WG2604145



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.04	4.81	1	09/28/2025 05:25	WG2606612
C22-C32 Hydrocarbons	4.56	J	3.04	4.81	1	09/28/2025 05:25	WG2606612
C32-C40 Hydrocarbons	5.47		3.04	4.81	1	09/28/2025 05:25	WG2606612
(S) o-Terphenyl	43.4			18.0-148		09/28/2025 05:25	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00648	0.0401	1	09/26/2025 16:40	WG2605155
Acenaphthylene	U		0.00682	0.0401	1	09/26/2025 16:40	WG2605155
Anthracene	U		0.00492	0.0401	1	09/26/2025 16:40	WG2605155
Benzo(a)anthracene	U		0.00457	0.0401	1	09/26/2025 16:40	WG2605155
Benzo(b)fluoranthene	U		0.00652	0.0401	1	09/26/2025 16:40	WG2605155
Benzo(k)fluoranthene	U		0.00582	0.0401	1	09/26/2025 16:40	WG2605155
Benzo(g,h,i)perylene	U		0.00775	0.0401	1	09/26/2025 16:40	WG2605155
Benzo(a)pyrene	U		0.00804	0.0401	1	09/26/2025 16:40	WG2605155
Bis(2-chloroethoxy)methane	U		0.0434	0.401	1	09/26/2025 16:40	WG2605155
Bis(2-chloroethyl)ether	U		0.0757	0.401	1	09/26/2025 16:40	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0392	0.401	1	09/26/2025 16:40	WG2605155
4-Bromophenyl-phenylether	U		0.0571	0.401	1	09/26/2025 16:40	WG2605155
2-Chloronaphthalene	U		0.00597	0.0401	1	09/26/2025 16:40	WG2605155
4-Chlorophenyl-phenylether	U		0.0571	0.401	1	09/26/2025 16:40	WG2605155
Chrysene	U		0.00416	0.0401	1	09/26/2025 16:40	WG2605155
Dibenz(a,h)anthracene	U		0.00707	0.0401	1	09/26/2025 16:40	WG2605155
3,3-Dichlorobenzidine	U		0.153	0.401	1	09/26/2025 16:40	WG2605155
2,4-Dinitrotoluene	U		0.0794	0.401	1	09/26/2025 16:40	WG2605155
2,6-Dinitrotoluene	U		0.0755	0.401	1	09/26/2025 16:40	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00516	0.0401	1	09/26/2025 16:40	WG2605155
Fluorene	U		0.00598	0.0401	1	09/26/2025 16:40	WG2605155
Hexachlorobenzene	U		0.0654	0.401	1	09/26/2025 16:40	WG2605155
Hexachloro-1,3-butadiene	U		0.0635	0.401	1	09/26/2025 16:40	WG2605155
Hexachlorocyclopentadiene	U		0.123	0.401	1	09/26/2025 16:40	WG2605155
Hexachloroethane	U		0.0493	0.401	1	09/26/2025 16:40	WG2605155
Indeno(1,2,3-cd)pyrene	U		0.00805	0.0401	1	09/26/2025 16:40	WG2605155
Isophorone	U		0.0504	0.401	1	09/26/2025 16:40	WG2605155
Naphthalene	0.0159	U	0.0101	0.0401	1	09/26/2025 16:40	WG2605155
Nitrobenzene	U		0.0541	0.401	1	09/26/2025 16:40	WG2605155
n-Nitrosodimethylamine	U		0.0941	0.401	1	09/26/2025 16:40	WG2605155
n-Nitrosodiphenylamine	U		0.0514	0.401	1	09/26/2025 16:40	WG2605155
n-Nitrosodi-n-propylamine	U		0.0635	0.401	1	09/26/2025 16:40	WG2605155
Phenanthrene	U		0.00440	0.0401	1	09/26/2025 16:40	WG2605155
Pyridine	U		0.0670	0.401	1	09/26/2025 16:40	WG2605155
Benzylbutyl phthalate	U		0.0776	0.401	1	09/26/2025 16:40	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.0790	0.401	1	09/26/2025 16:40	WG2605155
Di-n-butyl phthalate	U		0.0539	0.401	1	09/26/2025 16:40	WG2605155
Diethyl phthalate	U		0.0621	0.401	1	09/26/2025 16:40	WG2605155
Dimethyl phthalate	U		0.0538	0.401	1	09/26/2025 16:40	WG2605155
Di-n-octyl phthalate	U		0.177	0.401	1	09/26/2025 16:40	WG2605155
Pyrene	U		0.00449	0.0401	1	09/26/2025 16:40	WG2605155
1,2,4-Trichlorobenzene	U		0.0475	0.401	1	09/26/2025 16:40	WG2605155
4-Chloro-3-methylphenol	U		0.0626	0.401	1	09/26/2025 16:40	WG2605155
2-Chlorophenol	U		0.0416	0.401	1	09/26/2025 16:40	WG2605155
2,4-Dichlorophenol	U		0.0528	0.401	1	09/26/2025 16:40	WG2605155
2,4-Dimethylphenol	U	C3	0.0831	0.401	1	09/26/2025 16:40	WG2605155
4,6-Dinitro-2-methylphenol	U		0.123	0.401	1	09/26/2025 16:40	WG2605155
2,4-Dinitrophenol	U		0.153	0.401	1	09/26/2025 16:40	WG2605155
2-Methylphenol	U		0.0450	0.401	1	09/26/2025 16:40	WG2605155
3&4-Methyl Phenol	U		0.0493	0.401	1	09/26/2025 16:40	WG2605155
2-Nitrophenol	U		0.0594	0.401	1	09/26/2025 16:40	WG2605155
4-Nitrophenol	U		0.128	0.401	1	09/26/2025 16:40	WG2605155
Pentachlorophenol	U		0.0749	0.401	1	09/26/2025 16:40	WG2605155
Phenol	U		0.0682	0.401	1	09/26/2025 16:40	WG2605155
2,4,6-Trichlorophenol	U		0.0958	0.401	1	09/26/2025 16:40	WG2605155
2,4,5-Trichlorophenol	U		0.0979	0.401	1	09/26/2025 16:40	WG2605155
(S) 2-Fluorophenol	69.7			12.0-120		09/26/2025 16:40	WG2605155
(S) Phenol-d5	61.5			10.0-120		09/26/2025 16:40	WG2605155
(S) Nitrobenzene-d5	57.8			10.0-122		09/26/2025 16:40	WG2605155
(S) 2-Fluorobiphenyl	55.4			15.0-120		09/26/2025 16:40	WG2605155
(S) 2,4,6-Tribromophenol	58.4			10.0-127		09/26/2025 16:40	WG2605155
(S) p-Terphenyl-d14	59.6			10.0-120		09/26/2025 16:40	WG2605155



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.2		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.25	4.07	25	09/20/2025 12:06	WG2604569
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		09/20/2025 12:06	WG2604569

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.113	0.163	1	09/20/2025 05:45	WG2604145
Acrylonitrile	U		0.0131	0.0203	1	09/20/2025 05:45	WG2604145
Benzene	U		0.00116	0.00163	1	09/20/2025 05:45	WG2604145
Bromobenzene	U		0.00635	0.0203	1	09/20/2025 05:45	WG2604145
Bromodichloromethane	U		0.00190	0.00407	1	09/20/2025 05:45	WG2604145
Bromoform	U		0.0161	0.0407	1	09/20/2025 05:45	WG2604145
Bromomethane	U		0.0164	0.0203	1	09/20/2025 05:45	WG2604145
n-Butylbenzene	U		0.0102	0.0203	1	09/20/2025 05:45	WG2604145
sec-Butylbenzene	U		0.00623	0.0203	1	09/20/2025 05:45	WG2604145
tert-Butylbenzene	U		0.00308	0.00814	1	09/20/2025 05:45	WG2604145
Carbon tetrachloride	U		0.00490	0.00814	1	09/20/2025 05:45	WG2604145
Chlorobenzene	U		0.00140	0.00407	1	09/20/2025 05:45	WG2604145
Chlorodibromomethane	U		0.00262	0.00407	1	09/20/2025 05:45	WG2604145
Chloroethane	U		0.00926	0.0163	1	09/20/2025 05:45	WG2604145
Chloroform	U		0.00264	0.00407	1	09/20/2025 05:45	WG2604145
Chloromethane	U		0.0138	0.0203	1	09/20/2025 05:45	WG2604145
2-Chlorotoluene	U		0.00210	0.00407	1	09/20/2025 05:45	WG2604145
4-Chlorotoluene	U		0.00251	0.00814	1	09/20/2025 05:45	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0174	0.0407	1	09/20/2025 05:45	WG2604145
1,2-Dibromoethane	U		0.00205	0.00407	1	09/20/2025 05:45	WG2604145
Dibromomethane	U		0.00290	0.00814	1	09/20/2025 05:45	WG2604145
1,2-Dichlorobenzene	U		0.00254	0.00814	1	09/20/2025 05:45	WG2604145
1,3-Dichlorobenzene	U		0.00268	0.00814	1	09/20/2025 05:45	WG2604145
1,4-Dichlorobenzene	U		0.00285	0.00814	1	09/20/2025 05:45	WG2604145
Dichlorodifluoromethane	U		0.00708	0.00814	1	09/20/2025 05:45	WG2604145
1,1-Dichloroethane	U		0.00164	0.00407	1	09/20/2025 05:45	WG2604145
1,2-Dichloroethane	U		0.00238	0.00407	1	09/20/2025 05:45	WG2604145
1,1-Dichloroethene	U		0.00249	0.00407	1	09/20/2025 05:45	WG2604145
cis-1,2-Dichloroethene	U		0.00210	0.00407	1	09/20/2025 05:45	WG2604145
trans-1,2-Dichloroethene	U		0.00169	0.00814	1	09/20/2025 05:45	WG2604145
1,2-Dichloropropane	U		0.00312	0.00814	1	09/20/2025 05:45	WG2604145
1,1-Dichloropropene	U		0.00225	0.00814	1	09/20/2025 05:45	WG2604145
1,3-Dichloropropane	U		0.00264	0.00814	1	09/20/2025 05:45	WG2604145
cis-1,3-Dichloropropene	U		0.00171	0.00407	1	09/20/2025 05:45	WG2604145
trans-1,3-Dichloropropene	U		0.00171	0.00814	1	09/20/2025 05:45	WG2604145
2,2-Dichloropropane	U		0.00329	0.00407	1	09/20/2025 05:45	WG2604145
Di-isopropyl ether	U		0.00125	0.00163	1	09/20/2025 05:45	WG2604145
Ethylbenzene	U		0.00161	0.00407	1	09/20/2025 05:45	WG2604145
Hexachloro-1,3-butadiene	U		0.0169	0.0407	1	09/20/2025 05:45	WG2604145
Isopropylbenzene	U		0.00164	0.00407	1	09/20/2025 05:45	WG2604145
p-Isopropyltoluene	U		0.00347	0.00814	1	09/20/2025 05:45	WG2604145
2-Butanone (MEK)	U	C3	0.144	0.163	1	09/20/2025 05:45	WG2604145
Methylene Chloride	U		0.0179	0.0407	1	09/20/2025 05:45	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0161	0.0407	1	09/20/2025 05:45	WG2604145

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00126	0.00163	1	09/20/2025 05:45	WG2604145
Naphthalene	U	C3	0.0124	0.0203	1	09/20/2025 05:45	WG2604145
n-Propylbenzene	U		0.00275	0.00814	1	09/20/2025 05:45	WG2604145
Styrene	U		0.00724	0.0203	1	09/20/2025 05:45	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00212	0.00407	1	09/20/2025 05:45	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00189	0.00407	1	09/20/2025 05:45	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00457	0.00814	1	09/20/2025 05:45	WG2604145
Tetrachloroethene	U		0.00247	0.00407	1	09/20/2025 05:45	WG2604145
Toluene	U		0.00470	0.00814	1	09/20/2025 05:45	WG2604145
1,2,3-Trichlorobenzene	U		0.0114	0.0203	1	09/20/2025 05:45	WG2604145
1,2,4-Trichlorobenzene	U		0.00882	0.0203	1	09/20/2025 05:45	WG2604145
1,1,1-Trichloroethane	U		0.00236	0.00407	1	09/20/2025 05:45	WG2604145
1,1,2-Trichloroethane	U		0.00218	0.00407	1	09/20/2025 05:45	WG2604145
Trichloroethene	U		0.00145	0.00163	1	09/20/2025 05:45	WG2604145
Trichlorofluoromethane	U		0.00425	0.00651	1	09/20/2025 05:45	WG2604145
1,2,3-Trichloropropane	U		0.00996	0.0203	1	09/20/2025 05:45	WG2604145
1,2,4-Trimethylbenzene	U		0.00387	0.00814	1	09/20/2025 05:45	WG2604145
1,2,3-Trimethylbenzene	U		0.00296	0.00814	1	09/20/2025 05:45	WG2604145
1,3,5-Trimethylbenzene	U		0.00371	0.00814	1	09/20/2025 05:45	WG2604145
Vinyl chloride	U		0.00327	0.00407	1	09/20/2025 05:45	WG2604145
Xylenes, Total	U		0.00456	0.0106	1	09/20/2025 05:45	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 05:45	WG2604145
(S) 4-Bromofluorobenzene	93.8			67.0-138		09/20/2025 05:45	WG2604145
(S) 1,2-Dichloroethane-d4	85.9			70.0-130		09/20/2025 05:45	WG2604145

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	3.62	J	3.23	5.11	1	09/28/2025 04:29	WG2606612
C22-C32 Hydrocarbons	U		3.23	5.11	1	09/28/2025 04:29	WG2606612
C32-C40 Hydrocarbons	U		3.23	5.11	1	09/28/2025 04:29	WG2606612
(S) o-Terphenyl	43.1			18.0-148		09/28/2025 04:29	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00689	0.0426	1	09/26/2025 15:58	WG2605155
Acenaphthylene	U		0.00725	0.0426	1	09/26/2025 15:58	WG2605155
Anthracene	U		0.00523	0.0426	1	09/26/2025 15:58	WG2605155
Benzo(a)anthracene	U		0.00486	0.0426	1	09/26/2025 15:58	WG2605155
Benzo(b)fluoranthene	U		0.00693	0.0426	1	09/26/2025 15:58	WG2605155
Benzo(k)fluoranthene	U		0.00619	0.0426	1	09/26/2025 15:58	WG2605155
Benzo(g,h,i)perylene	U		0.00823	0.0426	1	09/26/2025 15:58	WG2605155
Benzo(a)pyrene	U		0.00854	0.0426	1	09/26/2025 15:58	WG2605155
Bis(2-chloroethoxy)methane	U		0.0462	0.426	1	09/26/2025 15:58	WG2605155
Bis(2-chloroethyl)ether	U		0.0804	0.426	1	09/26/2025 15:58	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0417	0.426	1	09/26/2025 15:58	WG2605155
4-Bromophenyl-phenylether	U		0.0607	0.426	1	09/26/2025 15:58	WG2605155
2-Chloronaphthalene	U		0.00634	0.0426	1	09/26/2025 15:58	WG2605155
4-Chlorophenyl-phenylether	U		0.0607	0.426	1	09/26/2025 15:58	WG2605155
Chrysene	U		0.00442	0.0426	1	09/26/2025 15:58	WG2605155
Dibenz(a,h)anthracene	U		0.00752	0.0426	1	09/26/2025 15:58	WG2605155
3,3-Dichlorobenzidine	U		0.162	0.426	1	09/26/2025 15:58	WG2605155
2,4-Dinitrotoluene	U		0.0844	0.426	1	09/26/2025 15:58	WG2605155
2,6-Dinitrotoluene	U		0.0803	0.426	1	09/26/2025 15:58	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00549	0.0426	1	09/26/2025 15:58	WG2605155
Fluorene	U		0.00635	0.0426	1	09/26/2025 15:58	WG2605155
Hexachlorobenzene	U		0.0696	0.426	1	09/26/2025 15:58	WG2605155
Hexachloro-1,3-butadiene	U		0.0675	0.426	1	09/26/2025 15:58	WG2605155
Hexachlorocyclopentadiene	U		0.130	0.426	1	09/26/2025 15:58	WG2605155
Hexachloroethane	U		0.0524	0.426	1	09/26/2025 15:58	WG2605155
Indeno(1,2,3-cd)pyrene	U		0.00855	0.0426	1	09/26/2025 15:58	WG2605155
Isophorone	U		0.0536	0.426	1	09/26/2025 15:58	WG2605155
Naphthalene	U		0.0107	0.0426	1	09/26/2025 15:58	WG2605155
Nitrobenzene	U		0.0575	0.426	1	09/26/2025 15:58	WG2605155
n-Nitrosodimethylamine	U		0.100	0.426	1	09/26/2025 15:58	WG2605155
n-Nitrosodiphenylamine	U		0.0546	0.426	1	09/26/2025 15:58	WG2605155
n-Nitrosodi-n-propylamine	U		0.0675	0.426	1	09/26/2025 15:58	WG2605155
Phenanthrene	U		0.00468	0.0426	1	09/26/2025 15:58	WG2605155
Pyridine	U		0.0712	0.426	1	09/26/2025 15:58	WG2605155
Benzylbutyl phthalate	U		0.0825	0.426	1	09/26/2025 15:58	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.0840	0.426	1	09/26/2025 15:58	WG2605155
Di-n-butyl phthalate	U		0.0573	0.426	1	09/26/2025 15:58	WG2605155
Diethyl phthalate	U		0.0660	0.426	1	09/26/2025 15:58	WG2605155
Dimethyl phthalate	U		0.0572	0.426	1	09/26/2025 15:58	WG2605155
Di-n-octyl phthalate	U		0.188	0.426	1	09/26/2025 15:58	WG2605155
Pyrene	U		0.00477	0.0426	1	09/26/2025 15:58	WG2605155
1,2,4-Trichlorobenzene	U		0.0505	0.426	1	09/26/2025 15:58	WG2605155
4-Chloro-3-methylphenol	U		0.0665	0.426	1	09/26/2025 15:58	WG2605155
2-Chlorophenol	U		0.0442	0.426	1	09/26/2025 15:58	WG2605155
2,4-Dichlorophenol	U		0.0561	0.426	1	09/26/2025 15:58	WG2605155
2,4-Dimethylphenol	U	C3	0.0883	0.426	1	09/26/2025 15:58	WG2605155
4,6-Dinitro-2-methylphenol	U		0.130	0.426	1	09/26/2025 15:58	WG2605155
2,4-Dinitrophenol	U		0.162	0.426	1	09/26/2025 15:58	WG2605155
2-Methylphenol	U		0.0478	0.426	1	09/26/2025 15:58	WG2605155
3&4-Methyl Phenol	U		0.0524	0.426	1	09/26/2025 15:58	WG2605155
2-Nitrophenol	U		0.0632	0.426	1	09/26/2025 15:58	WG2605155
4-Nitrophenol	U		0.136	0.426	1	09/26/2025 15:58	WG2605155
Pentachlorophenol	U		0.0797	0.426	1	09/26/2025 15:58	WG2605155
Phenol	U		0.0725	0.426	1	09/26/2025 15:58	WG2605155
2,4,6-Trichlorophenol	U		0.102	0.426	1	09/26/2025 15:58	WG2605155
2,4,5-Trichlorophenol	U		0.104	0.426	1	09/26/2025 15:58	WG2605155
(S) 2-Fluorophenol	70.8			12.0-120		09/26/2025 15:58	WG2605155
(S) Phenol-d5	63.4			10.0-120		09/26/2025 15:58	WG2605155
(S) Nitrobenzene-d5	59.3			10.0-122		09/26/2025 15:58	WG2605155
(S) 2-Fluorobiphenyl	55.3			15.0-120		09/26/2025 15:58	WG2605155
(S) 2,4,6-Tribromophenol	59.9			10.0-127		09/26/2025 15:58	WG2605155
(S) p-Terphenyl-d14	60.5			10.0-120		09/26/2025 15:58	WG2605155



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.7		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.53	3.16	25	09/21/2025 13:00	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.8			77.0-120		09/21/2025 13:00	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0882	0.127	1	09/20/2025 06:05	WG2604145
Acrylonitrile	U		0.0102	0.0158	1	09/20/2025 06:05	WG2604145
Benzene	U		0.000900	0.00127	1	09/20/2025 06:05	WG2604145
Bromobenzene	U		0.00493	0.0158	1	09/20/2025 06:05	WG2604145
Bromodichloromethane	U		0.00148	0.00316	1	09/20/2025 06:05	WG2604145
Bromoform	U		0.0126	0.0316	1	09/20/2025 06:05	WG2604145
Bromomethane	U		0.0128	0.0158	1	09/20/2025 06:05	WG2604145
n-Butylbenzene	U		0.00791	0.0158	1	09/20/2025 06:05	WG2604145
sec-Butylbenzene	U		0.00485	0.0158	1	09/20/2025 06:05	WG2604145
tert-Butylbenzene	U		0.00239	0.00633	1	09/20/2025 06:05	WG2604145
Carbon tetrachloride	U		0.00381	0.00633	1	09/20/2025 06:05	WG2604145
Chlorobenzene	U		0.00109	0.00316	1	09/20/2025 06:05	WG2604145
Chlorodibromomethane	U		0.00204	0.00316	1	09/20/2025 06:05	WG2604145
Chloroethane	U		0.00720	0.0127	1	09/20/2025 06:05	WG2604145
Chloroform	U		0.00205	0.00316	1	09/20/2025 06:05	WG2604145
Chloromethane	U		0.0108	0.0158	1	09/20/2025 06:05	WG2604145
2-Chlorotoluene	U		0.00163	0.00316	1	09/20/2025 06:05	WG2604145
4-Chlorotoluene	U		0.00195	0.00633	1	09/20/2025 06:05	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0135	0.0316	1	09/20/2025 06:05	WG2604145
1,2-Dibromoethane	U		0.00159	0.00316	1	09/20/2025 06:05	WG2604145
Dibromomethane	U		0.00225	0.00633	1	09/20/2025 06:05	WG2604145
1,2-Dichlorobenzene	U		0.00197	0.00633	1	09/20/2025 06:05	WG2604145
1,3-Dichlorobenzene	U		0.00209	0.00633	1	09/20/2025 06:05	WG2604145
1,4-Dichlorobenzene	U		0.00221	0.00633	1	09/20/2025 06:05	WG2604145
Dichlorodifluoromethane	U		0.00550	0.00633	1	09/20/2025 06:05	WG2604145
1,1-Dichloroethane	U		0.00128	0.00316	1	09/20/2025 06:05	WG2604145
1,2-Dichloroethane	U		0.00185	0.00316	1	09/20/2025 06:05	WG2604145
1,1-Dichloroethene	U		0.00194	0.00316	1	09/20/2025 06:05	WG2604145
cis-1,2-Dichloroethene	U		0.00163	0.00316	1	09/20/2025 06:05	WG2604145
trans-1,2-Dichloroethene	U		0.00132	0.00633	1	09/20/2025 06:05	WG2604145
1,2-Dichloropropane	U		0.00243	0.00633	1	09/20/2025 06:05	WG2604145
1,1-Dichloropropene	U		0.00175	0.00633	1	09/20/2025 06:05	WG2604145
1,3-Dichloropropane	U		0.00205	0.00633	1	09/20/2025 06:05	WG2604145
cis-1,3-Dichloropropene	U		0.00133	0.00316	1	09/20/2025 06:05	WG2604145
trans-1,3-Dichloropropene	U		0.00133	0.00633	1	09/20/2025 06:05	WG2604145
2,2-Dichloropropane	U		0.00256	0.00316	1	09/20/2025 06:05	WG2604145
Di-isopropyl ether	U		0.000973	0.00127	1	09/20/2025 06:05	WG2604145
Ethylbenzene	0.00157	J	0.00125	0.00316	1	09/20/2025 06:05	WG2604145
Hexachloro-1,3-butadiene	U		0.0132	0.0316	1	09/20/2025 06:05	WG2604145
Isopropylbenzene	U		0.00128	0.00316	1	09/20/2025 06:05	WG2604145
p-Isopropyltoluene	U		0.00269	0.00633	1	09/20/2025 06:05	WG2604145
2-Butanone (MEK)	U	C3	0.112	0.127	1	09/20/2025 06:05	WG2604145
Methylene Chloride	U		0.0139	0.0316	1	09/20/2025 06:05	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0126	0.0316	1	09/20/2025 06:05	WG2604145

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.000978	0.00127	1	09/20/2025 06:05	WG2604145
Naphthalene	U	C3	0.00965	0.0158	1	09/20/2025 06:05	WG2604145
n-Propylbenzene	0.00459	U	0.00214	0.00633	1	09/20/2025 06:05	WG2604145
Styrene	U		0.00563	0.0158	1	09/20/2025 06:05	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00164	0.00316	1	09/20/2025 06:05	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00147	0.00316	1	09/20/2025 06:05	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00355	0.00633	1	09/20/2025 06:05	WG2604145
Tetrachloroethene	U		0.00192	0.00316	1	09/20/2025 06:05	WG2604145
Toluene	U		0.00366	0.00633	1	09/20/2025 06:05	WG2604145
1,2,3-Trichlorobenzene	U		0.00884	0.0158	1	09/20/2025 06:05	WG2604145
1,2,4-Trichlorobenzene	U		0.00686	0.0158	1	09/20/2025 06:05	WG2604145
1,1,1-Trichloroethane	U		0.00183	0.00316	1	09/20/2025 06:05	WG2604145
1,1,2-Trichloroethane	U		0.00170	0.00316	1	09/20/2025 06:05	WG2604145
Trichloroethene	U		0.00113	0.00127	1	09/20/2025 06:05	WG2604145
Trichlorofluoromethane	U		0.00330	0.00506	1	09/20/2025 06:05	WG2604145
1,2,3-Trichloropropane	U		0.00774	0.0158	1	09/20/2025 06:05	WG2604145
1,2,4-Trimethylbenzene	U		0.00301	0.00633	1	09/20/2025 06:05	WG2604145
1,2,3-Trimethylbenzene	U		0.00230	0.00633	1	09/20/2025 06:05	WG2604145
1,3,5-Trimethylbenzene	U		0.00288	0.00633	1	09/20/2025 06:05	WG2604145
Vinyl chloride	U		0.00254	0.00316	1	09/20/2025 06:05	WG2604145
Xylenes, Total	U		0.00354	0.00822	1	09/20/2025 06:05	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 06:05	WG2604145
(S) 4-Bromofluorobenzene	93.5			67.0-138		09/20/2025 06:05	WG2604145
(S) 1,2-Dichloroethane-d4	85.2			70.0-130		09/20/2025 06:05	WG2604145

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	16.5	U	14.3	22.5	5	09/28/2025 10:19	WG2606612
C22-C32 Hydrocarbons	118		14.3	22.5	5	09/28/2025 10:19	WG2606612
C32-C40 Hydrocarbons	175		14.3	22.5	5	09/28/2025 10:19	WG2606612
(S) o-Terphenyl	57.4			18.0-148		09/28/2025 10:19	WG2606612

Sample Narrative:

L1899525-05 WG2606612: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0122	0.0750	2	09/26/2025 19:09	WG2605155
Acenaphthylene	U		0.0127	0.0750	2	09/26/2025 19:09	WG2605155
Anthracene	U		0.00922	0.0750	2	09/26/2025 19:09	WG2605155
Benzo(a)anthracene	0.0109	U	0.00856	0.0750	2	09/26/2025 19:09	WG2605155
Benzo(b)fluoranthene	0.0293	U	0.0122	0.0750	2	09/26/2025 19:09	WG2605155
Benzo(k)fluoranthene	U		0.0109	0.0750	2	09/26/2025 19:09	WG2605155
Benzo(g,h,i)perylene	0.0222	U	0.0145	0.0750	2	09/26/2025 19:09	WG2605155
Benzo(a)pyrene	0.0641	U	0.0151	0.0750	2	09/26/2025 19:09	WG2605155
Bis(2-chlorethoxy)methane	U		0.0814	0.750	2	09/26/2025 19:09	WG2605155
Bis(2-chloroethyl)ether	U		0.142	0.750	2	09/26/2025 19:09	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0735	0.750	2	09/26/2025 19:09	WG2605155
4-Bromophenyl-phenylether	U		0.107	0.750	2	09/26/2025 19:09	WG2605155
2-Chloronaphthalene	U		0.0112	0.0750	2	09/26/2025 19:09	WG2605155
4-Chlorophenyl-phenylether	U		0.107	0.750	2	09/26/2025 19:09	WG2605155
Chrysene	0.0195	U	0.00780	0.0750	2	09/26/2025 19:09	WG2605155
Dibenz(a,h)anthracene	U		0.0133	0.0750	2	09/26/2025 19:09	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
3,3-Dichlorobenzidine	U		0.286	0.750	2	09/26/2025 19:09	WG2605155
2,4-Dinitrotoluene	U		0.149	0.750	2	09/26/2025 19:09	WG2605155
2,6-Dinitrotoluene	U		0.142	0.750	2	09/26/2025 19:09	WG2605155
Fluoranthene	0.0151	LJ	0.00967	0.0750	2	09/26/2025 19:09	WG2605155
Fluorene	U		0.0112	0.0750	2	09/26/2025 19:09	WG2605155
Hexachlorobenzene	U		0.123	0.750	2	09/26/2025 19:09	WG2605155
Hexachloro-1,3-butadiene	U		0.119	0.750	2	09/26/2025 19:09	WG2605155
Hexachlorocyclopentadiene	U		0.230	0.750	2	09/26/2025 19:09	WG2605155
Hexachloroethane	U		0.0924	0.750	2	09/26/2025 19:09	WG2605155
Indeno(1,2,3-cd)pyrene	0.0561	LJ	0.0151	0.0750	2	09/26/2025 19:09	WG2605155
Isophorone	U		0.0944	0.750	2	09/26/2025 19:09	WG2605155
Naphthalene	U		0.0188	0.0750	2	09/26/2025 19:09	WG2605155
Nitrobenzene	U		0.101	0.750	2	09/26/2025 19:09	WG2605155
n-Nitrosodimethylamine	U		0.176	0.750	2	09/26/2025 19:09	WG2605155
n-Nitrosodiphenylamine	U		0.0962	0.750	2	09/26/2025 19:09	WG2605155
n-Nitrosodi-n-propylamine	U		0.119	0.750	2	09/26/2025 19:09	WG2605155
Phenanthrene	U		0.00825	0.0750	2	09/26/2025 19:09	WG2605155
Pyridine	U		0.125	0.750	2	09/26/2025 19:09	WG2605155
Benzylbutyl phthalate	U		0.145	0.750	2	09/26/2025 19:09	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.148	0.750	2	09/26/2025 19:09	WG2605155
Di-n-butyl phthalate	U		0.101	0.750	2	09/26/2025 19:09	WG2605155
Diethyl phthalate	U		0.116	0.750	2	09/26/2025 19:09	WG2605155
Dimethyl phthalate	U		0.101	0.750	2	09/26/2025 19:09	WG2605155
Di-n-octyl phthalate	U		0.331	0.750	2	09/26/2025 19:09	WG2605155
Pyrene	0.0205	LJ	0.00841	0.0750	2	09/26/2025 19:09	WG2605155
1,2,4-Trichlorobenzene	U		0.0890	0.750	2	09/26/2025 19:09	WG2605155
4-Chloro-3-methylphenol	U		0.117	0.750	2	09/26/2025 19:09	WG2605155
2-Chlorophenol	U		0.0780	0.750	2	09/26/2025 19:09	WG2605155
2,4-Dichlorophenol	U		0.0989	0.750	2	09/26/2025 19:09	WG2605155
2,4-Dimethylphenol	U	C3	0.155	0.750	2	09/26/2025 19:09	WG2605155
4,6-Dinitro-2-methylphenol	U		0.230	0.750	2	09/26/2025 19:09	WG2605155
2,4-Dinitrophenol	U		0.286	0.750	2	09/26/2025 19:09	WG2605155
2-Methylphenol	U		0.0843	0.750	2	09/26/2025 19:09	WG2605155
3&4-Methyl Phenol	U		0.0924	0.750	2	09/26/2025 19:09	WG2605155
2-Nitrophenol	U		0.111	0.750	2	09/26/2025 19:09	WG2605155
4-Nitrophenol	U		0.239	0.750	2	09/26/2025 19:09	WG2605155
Pentachlorophenol	U		0.141	0.750	2	09/26/2025 19:09	WG2605155
Phenol	U		0.127	0.750	2	09/26/2025 19:09	WG2605155
2,4,6-Trichlorophenol	U		0.179	0.750	2	09/26/2025 19:09	WG2605155
2,4,5-Trichlorophenol	U		0.184	0.750	2	09/26/2025 19:09	WG2605155
(S) 2-Fluorophenol	80.7			12.0-120		09/26/2025 19:09	WG2605155
(S) Phenol-d5	73.2			10.0-120		09/26/2025 19:09	WG2605155
(S) Nitrobenzene-d5	69.5			10.0-122		09/26/2025 19:09	WG2605155
(S) 2-Fluorobiphenyl	63.6			15.0-120		09/26/2025 19:09	WG2605155
(S) 2,4,6-Tribromophenol	67.0			10.0-127		09/26/2025 19:09	WG2605155
(S) p-Terphenyl-d14	70.1			10.0-120		09/26/2025 19:09	WG2605155

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Ds
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

Sample Narrative:

L1899525-05 WG2605155: Dilution due to matrix impact during extract concentration procedure

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.8		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.09	3.86	25	09/21/2025 13:23	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.4			77.0-120		09/21/2025 13:23	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.108	0.154	1	09/20/2025 06:25	WG2604145
Acrylonitrile	U		0.0124	0.0193	1	09/20/2025 06:25	WG2604145
Benzene	U		0.00110	0.00154	1	09/20/2025 06:25	WG2604145
Bromobenzene	U		0.00602	0.0193	1	09/20/2025 06:25	WG2604145
Bromodichloromethane	U		0.00181	0.00386	1	09/20/2025 06:25	WG2604145
Bromoform	U		0.0153	0.0386	1	09/20/2025 06:25	WG2604145
Bromomethane	U		0.0156	0.0193	1	09/20/2025 06:25	WG2604145
n-Butylbenzene	U		0.00965	0.0193	1	09/20/2025 06:25	WG2604145
sec-Butylbenzene	U		0.00591	0.0193	1	09/20/2025 06:25	WG2604145
tert-Butylbenzene	U		0.00292	0.00772	1	09/20/2025 06:25	WG2604145
Carbon tetrachloride	U		0.00465	0.00772	1	09/20/2025 06:25	WG2604145
Chlorobenzene	U		0.00133	0.00386	1	09/20/2025 06:25	WG2604145
Chlorodibromomethane	U		0.00249	0.00386	1	09/20/2025 06:25	WG2604145
Chloroethane	U		0.00879	0.0154	1	09/20/2025 06:25	WG2604145
Chloroform	U		0.00250	0.00386	1	09/20/2025 06:25	WG2604145
Chloromethane	U		0.0131	0.0193	1	09/20/2025 06:25	WG2604145
2-Chlorotoluene	U		0.00199	0.00386	1	09/20/2025 06:25	WG2604145
4-Chlorotoluene	U		0.00238	0.00772	1	09/20/2025 06:25	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0165	0.0386	1	09/20/2025 06:25	WG2604145
1,2-Dibromoethane	U		0.00195	0.00386	1	09/20/2025 06:25	WG2604145
Dibromomethane	U		0.00275	0.00772	1	09/20/2025 06:25	WG2604145
1,2-Dichlorobenzene	U		0.00241	0.00772	1	09/20/2025 06:25	WG2604145
1,3-Dichlorobenzene	U		0.00255	0.00772	1	09/20/2025 06:25	WG2604145
1,4-Dichlorobenzene	U		0.00270	0.00772	1	09/20/2025 06:25	WG2604145
Dichlorodifluoromethane	U		0.00672	0.00772	1	09/20/2025 06:25	WG2604145
1,1-Dichloroethane	U		0.00156	0.00386	1	09/20/2025 06:25	WG2604145
1,2-Dichloroethane	U		0.00225	0.00386	1	09/20/2025 06:25	WG2604145
1,1-Dichloroethene	U		0.00236	0.00386	1	09/20/2025 06:25	WG2604145
cis-1,2-Dichloroethene	U		0.00199	0.00386	1	09/20/2025 06:25	WG2604145
trans-1,2-Dichloroethene	U		0.00161	0.00772	1	09/20/2025 06:25	WG2604145
1,2-Dichloropropane	U		0.00297	0.00772	1	09/20/2025 06:25	WG2604145
1,1-Dichloropropene	U		0.00213	0.00772	1	09/20/2025 06:25	WG2604145
1,3-Dichloropropane	U		0.00250	0.00772	1	09/20/2025 06:25	WG2604145
cis-1,3-Dichloropropene	U		0.00162	0.00386	1	09/20/2025 06:25	WG2604145
trans-1,3-Dichloropropene	U		0.00162	0.00772	1	09/20/2025 06:25	WG2604145
2,2-Dichloropropane	U		0.00312	0.00386	1	09/20/2025 06:25	WG2604145
Di-isopropyl ether	U		0.00119	0.00154	1	09/20/2025 06:25	WG2604145
Ethylbenzene	U		0.00152	0.00386	1	09/20/2025 06:25	WG2604145
Hexachloro-1,3-butadiene	U		0.0161	0.0386	1	09/20/2025 06:25	WG2604145
Isopropylbenzene	U		0.00156	0.00386	1	09/20/2025 06:25	WG2604145
p-Isopropyltoluene	U		0.00329	0.00772	1	09/20/2025 06:25	WG2604145
2-Butanone (MEK)	U	C3	0.137	0.154	1	09/20/2025 06:25	WG2604145
Methylene Chloride	U		0.0170	0.0386	1	09/20/2025 06:25	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0153	0.0386	1	09/20/2025 06:25	WG2604145



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00119	0.00154	1	09/20/2025 06:25	WG2604145
Naphthalene	U	C3	0.0118	0.0193	1	09/20/2025 06:25	WG2604145
n-Propylbenzene	U		0.00261	0.00772	1	09/20/2025 06:25	WG2604145
Styrene	U		0.00687	0.0193	1	09/20/2025 06:25	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00201	0.00386	1	09/20/2025 06:25	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00179	0.00386	1	09/20/2025 06:25	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00434	0.00772	1	09/20/2025 06:25	WG2604145
Tetrachloroethene	U		0.00235	0.00386	1	09/20/2025 06:25	WG2604145
Toluene	U		0.00446	0.00772	1	09/20/2025 06:25	WG2604145
1,2,3-Trichlorobenzene	U		0.0108	0.0193	1	09/20/2025 06:25	WG2604145
1,2,4-Trichlorobenzene	U		0.00837	0.0193	1	09/20/2025 06:25	WG2604145
1,1,1-Trichloroethane	U		0.00224	0.00386	1	09/20/2025 06:25	WG2604145
1,1,2-Trichloroethane	U		0.00207	0.00386	1	09/20/2025 06:25	WG2604145
Trichloroethene	U		0.00138	0.00154	1	09/20/2025 06:25	WG2604145
Trichlorofluoromethane	U		0.00403	0.00618	1	09/20/2025 06:25	WG2604145
1,2,3-Trichloropropane	U		0.00945	0.0193	1	09/20/2025 06:25	WG2604145
1,2,4-Trimethylbenzene	U		0.00368	0.00772	1	09/20/2025 06:25	WG2604145
1,2,3-Trimethylbenzene	U		0.00281	0.00772	1	09/20/2025 06:25	WG2604145
1,3,5-Trimethylbenzene	U		0.00352	0.00772	1	09/20/2025 06:25	WG2604145
Vinyl chloride	U		0.00310	0.00386	1	09/20/2025 06:25	WG2604145
Xylenes, Total	U		0.00432	0.0100	1	09/20/2025 06:25	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 06:25	WG2604145
(S) 4-Bromofluorobenzene	93.3			67.0-138		09/20/2025 06:25	WG2604145
(S) 1,2-Dichloroethane-d4	86.3			70.0-130		09/20/2025 06:25	WG2604145



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.17	5.01	1	09/28/2025 08:27	WG2606612
C22-C32 Hydrocarbons	7.24		3.17	5.01	1	09/28/2025 08:27	WG2606612
C32-C40 Hydrocarbons	7.39		3.17	5.01	1	09/28/2025 08:27	WG2606612
(S) o-Terphenyl	46.8			18.0-148		09/28/2025 08:27	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00675	0.0417	1	09/26/2025 17:02	WG2605155
Acenaphthylene	U		0.00710	0.0417	1	09/26/2025 17:02	WG2605155
Anthracene	U		0.00512	0.0417	1	09/26/2025 17:02	WG2605155
Benzo(a)anthracene	U		0.00476	0.0417	1	09/26/2025 17:02	WG2605155
Benzo(b)fluoranthene	U		0.00679	0.0417	1	09/26/2025 17:02	WG2605155
Benzo(k)fluoranthene	U		0.00606	0.0417	1	09/26/2025 17:02	WG2605155
Benzo(g,h,i)perylene	U		0.00807	0.0417	1	09/26/2025 17:02	WG2605155
Benzo(a)pyrene	U		0.00837	0.0417	1	09/26/2025 17:02	WG2605155
Bis(2-chloroethoxy)methane	U		0.0452	0.417	1	09/26/2025 17:02	WG2605155
Bis(2-chloroethyl)ether	U		0.0788	0.417	1	09/26/2025 17:02	WG2605155
2,2-Oxybis(1-Chloropropane)	U		0.0408	0.417	1	09/26/2025 17:02	WG2605155
4-Bromophenyl-phenylether	U		0.0595	0.417	1	09/26/2025 17:02	WG2605155
2-Chloronaphthalene	U		0.00621	0.0417	1	09/26/2025 17:02	WG2605155
4-Chlorophenyl-phenylether	U		0.0595	0.417	1	09/26/2025 17:02	WG2605155
Chrysene	U		0.00434	0.0417	1	09/26/2025 17:02	WG2605155
Dibenz(a,h)anthracene	U		0.00737	0.0417	1	09/26/2025 17:02	WG2605155
3,3-Dichlorobenzidine	U		0.159	0.417	1	09/26/2025 17:02	WG2605155
2,4-Dinitrotoluene	U		0.0827	0.417	1	09/26/2025 17:02	WG2605155
2,6-Dinitrotoluene	U		0.0787	0.417	1	09/26/2025 17:02	WG2605155

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00538	0.0417	1	09/26/2025 17:02	WG2605155
Fluorene	U		0.00623	0.0417	1	09/26/2025 17:02	WG2605155
Hexachlorobenzene	U		0.0682	0.417	1	09/26/2025 17:02	WG2605155
Hexachloro-1,3-butadiene	U		0.0662	0.417	1	09/26/2025 17:02	WG2605155
Hexachlorocyclopentadiene	U		0.128	0.417	1	09/26/2025 17:02	WG2605155
Hexachloroethane	U		0.0514	0.417	1	09/26/2025 17:02	WG2605155
Indeno(1,2,3-cd)pyrene	U		0.00838	0.0417	1	09/26/2025 17:02	WG2605155
Isophorone	U		0.0525	0.417	1	09/26/2025 17:02	WG2605155
Naphthalene	U		0.0105	0.0417	1	09/26/2025 17:02	WG2605155
Nitrobenzene	U		0.0564	0.417	1	09/26/2025 17:02	WG2605155
n-Nitrosodimethylamine	U		0.0980	0.417	1	09/26/2025 17:02	WG2605155
n-Nitrosodiphenylamine	U		0.0535	0.417	1	09/26/2025 17:02	WG2605155
n-Nitrosodi-n-propylamine	U		0.0662	0.417	1	09/26/2025 17:02	WG2605155
Phenanthrene	U		0.00459	0.0417	1	09/26/2025 17:02	WG2605155
Pyridine	U		0.0698	0.417	1	09/26/2025 17:02	WG2605155
Benzylbutyl phthalate	U		0.0808	0.417	1	09/26/2025 17:02	WG2605155
Bis(2-ethylhexyl)phthalate	U		0.0823	0.417	1	09/26/2025 17:02	WG2605155
Di-n-butyl phthalate	U		0.0561	0.417	1	09/26/2025 17:02	WG2605155
Diethyl phthalate	U		0.0647	0.417	1	09/26/2025 17:02	WG2605155
Dimethyl phthalate	U		0.0560	0.417	1	09/26/2025 17:02	WG2605155
Di-n-octyl phthalate	U		0.184	0.417	1	09/26/2025 17:02	WG2605155
Pyrene	U		0.00467	0.0417	1	09/26/2025 17:02	WG2605155
1,2,4-Trichlorobenzene	U		0.0495	0.417	1	09/26/2025 17:02	WG2605155
4-Chloro-3-methylphenol	U		0.0652	0.417	1	09/26/2025 17:02	WG2605155
2-Chlorophenol	U		0.0434	0.417	1	09/26/2025 17:02	WG2605155
2,4-Dichlorophenol	U		0.0550	0.417	1	09/26/2025 17:02	WG2605155
2,4-Dimethylphenol	U	C3	0.0866	0.417	1	09/26/2025 17:02	WG2605155
4,6-Dinitro-2-methylphenol	U		0.128	0.417	1	09/26/2025 17:02	WG2605155
2,4-Dinitrophenol	U		0.159	0.417	1	09/26/2025 17:02	WG2605155
2-Methylphenol	U		0.0469	0.417	1	09/26/2025 17:02	WG2605155
3&4-Methyl Phenol	U		0.0514	0.417	1	09/26/2025 17:02	WG2605155
2-Nitrophenol	U		0.0619	0.417	1	09/26/2025 17:02	WG2605155
4-Nitrophenol	U		0.133	0.417	1	09/26/2025 17:02	WG2605155
Pentachlorophenol	U		0.0781	0.417	1	09/26/2025 17:02	WG2605155
Phenol	U		0.0710	0.417	1	09/26/2025 17:02	WG2605155
2,4,6-Trichlorophenol	U		0.0997	0.417	1	09/26/2025 17:02	WG2605155
2,4,5-Trichlorophenol	U		0.102	0.417	1	09/26/2025 17:02	WG2605155
(S) 2-Fluorophenol	69.8			12.0-120		09/26/2025 17:02	WG2605155
(S) Phenol-d5	63.0			10.0-120		09/26/2025 17:02	WG2605155
(S) Nitrobenzene-d5	60.1			10.0-122		09/26/2025 17:02	WG2605155
(S) 2-Fluorobiphenyl	54.9			15.0-120		09/26/2025 17:02	WG2605155
(S) 2,4,6-Tribromophenol	56.3			10.0-127		09/26/2025 17:02	WG2605155
(S) p-Terphenyl-d14	59.2			10.0-120		09/26/2025 17:02	WG2605155



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.1		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.11	3.89	25	09/21/2025 13:47	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120		09/21/2025 13:47	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.109	0.156	1	09/20/2025 06:45	WG2604145
Acrylonitrile	U		0.0125	0.0195	1	09/20/2025 06:45	WG2604145
Benzene	U		0.00111	0.00156	1	09/20/2025 06:45	WG2604145
Bromobenzene	U		0.00607	0.0195	1	09/20/2025 06:45	WG2604145
Bromodichloromethane	U		0.00182	0.00389	1	09/20/2025 06:45	WG2604145
Bromoform	U		0.0154	0.0389	1	09/20/2025 06:45	WG2604145
Bromomethane	U		0.0157	0.0195	1	09/20/2025 06:45	WG2604145
n-Butylbenzene	U		0.00973	0.0195	1	09/20/2025 06:45	WG2604145
sec-Butylbenzene	U		0.00596	0.0195	1	09/20/2025 06:45	WG2604145
tert-Butylbenzene	U		0.00294	0.00779	1	09/20/2025 06:45	WG2604145
Carbon tetrachloride	U		0.00469	0.00779	1	09/20/2025 06:45	WG2604145
Chlorobenzene	U		0.00134	0.00389	1	09/20/2025 06:45	WG2604145
Chlorodibromomethane	U		0.00251	0.00389	1	09/20/2025 06:45	WG2604145
Chloroethane	U		0.00886	0.0156	1	09/20/2025 06:45	WG2604145
Chloroform	U		0.00252	0.00389	1	09/20/2025 06:45	WG2604145
Chloromethane	U		0.0132	0.0195	1	09/20/2025 06:45	WG2604145
2-Chlorotoluene	U		0.00201	0.00389	1	09/20/2025 06:45	WG2604145
4-Chlorotoluene	U		0.00240	0.00779	1	09/20/2025 06:45	WG2604145
1,2-Dibromo-3-Chloropropane	U	C3	0.0167	0.0389	1	09/20/2025 06:45	WG2604145
1,2-Dibromoethane	U		0.00196	0.00389	1	09/20/2025 06:45	WG2604145
Dibromomethane	U		0.00277	0.00779	1	09/20/2025 06:45	WG2604145
1,2-Dichlorobenzene	U		0.00243	0.00779	1	09/20/2025 06:45	WG2604145
1,3-Dichlorobenzene	U		0.00257	0.00779	1	09/20/2025 06:45	WG2604145
1,4-Dichlorobenzene	U		0.00273	0.00779	1	09/20/2025 06:45	WG2604145
Dichlorodifluoromethane	U		0.00677	0.00779	1	09/20/2025 06:45	WG2604145
1,1-Dichloroethane	U		0.00157	0.00389	1	09/20/2025 06:45	WG2604145
1,2-Dichloroethane	U		0.00227	0.00389	1	09/20/2025 06:45	WG2604145
1,1-Dichloroethene	U		0.00238	0.00389	1	09/20/2025 06:45	WG2604145
cis-1,2-Dichloroethene	U		0.00201	0.00389	1	09/20/2025 06:45	WG2604145
trans-1,2-Dichloroethene	U		0.00162	0.00779	1	09/20/2025 06:45	WG2604145
1,2-Dichloropropane	U		0.00299	0.00779	1	09/20/2025 06:45	WG2604145
1,1-Dichloropropene	U		0.00215	0.00779	1	09/20/2025 06:45	WG2604145
1,3-Dichloropropane	U		0.00252	0.00779	1	09/20/2025 06:45	WG2604145
cis-1,3-Dichloropropene	U		0.00164	0.00389	1	09/20/2025 06:45	WG2604145
trans-1,3-Dichloropropene	U		0.00164	0.00779	1	09/20/2025 06:45	WG2604145
2,2-Dichloropropane	U		0.00315	0.00389	1	09/20/2025 06:45	WG2604145
Di-isopropyl ether	U		0.00120	0.00156	1	09/20/2025 06:45	WG2604145
Ethylbenzene	U		0.00154	0.00389	1	09/20/2025 06:45	WG2604145
Hexachloro-1,3-butadiene	U		0.0162	0.0389	1	09/20/2025 06:45	WG2604145
Isopropylbenzene	U		0.00157	0.00389	1	09/20/2025 06:45	WG2604145
p-Isopropyltoluene	U		0.00332	0.00779	1	09/20/2025 06:45	WG2604145
2-Butanone (MEK)	U	C3	0.138	0.156	1	09/20/2025 06:45	WG2604145
Methylene Chloride	U		0.0171	0.0389	1	09/20/2025 06:45	WG2604145
4-Methyl-2-pentanone (MIBK)	U		0.0154	0.0389	1	09/20/2025 06:45	WG2604145



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U	C3	0.00120	0.00156	1	09/20/2025 06:45	WG2604145
Naphthalene	U	C3	0.0119	0.0195	1	09/20/2025 06:45	WG2604145
n-Propylbenzene	U		0.00263	0.00779	1	09/20/2025 06:45	WG2604145
Styrene	U		0.00693	0.0195	1	09/20/2025 06:45	WG2604145
1,1,1,2-Tetrachloroethane	U		0.00202	0.00389	1	09/20/2025 06:45	WG2604145
1,1,2,2-Tetrachloroethane	U	C3	0.00181	0.00389	1	09/20/2025 06:45	WG2604145
1,1,2-Trichlorotrifluoroethane	U		0.00438	0.00779	1	09/20/2025 06:45	WG2604145
Tetrachloroethene	U		0.00237	0.00389	1	09/20/2025 06:45	WG2604145
Toluene	U		0.00450	0.00779	1	09/20/2025 06:45	WG2604145
1,2,3-Trichlorobenzene	U		0.0109	0.0195	1	09/20/2025 06:45	WG2604145
1,2,4-Trichlorobenzene	U		0.00844	0.0195	1	09/20/2025 06:45	WG2604145
1,1,1-Trichloroethane	U		0.00226	0.00389	1	09/20/2025 06:45	WG2604145
1,1,2-Trichloroethane	U		0.00209	0.00389	1	09/20/2025 06:45	WG2604145
Trichloroethene	U		0.00139	0.00156	1	09/20/2025 06:45	WG2604145
Trichlorofluoromethane	U		0.00406	0.00623	1	09/20/2025 06:45	WG2604145
1,2,3-Trichloropropane	U		0.00953	0.0195	1	09/20/2025 06:45	WG2604145
1,2,4-Trimethylbenzene	U		0.00371	0.00779	1	09/20/2025 06:45	WG2604145
1,2,3-Trimethylbenzene	U		0.00283	0.00779	1	09/20/2025 06:45	WG2604145
1,3,5-Trimethylbenzene	U		0.00355	0.00779	1	09/20/2025 06:45	WG2604145
Vinyl chloride	U		0.00313	0.00389	1	09/20/2025 06:45	WG2604145
Xylenes, Total	U		0.00436	0.0101	1	09/20/2025 06:45	WG2604145
(S) Toluene-d8	110			75.0-131		09/20/2025 06:45	WG2604145
(S) 4-Bromofluorobenzene	93.9			67.0-138		09/20/2025 06:45	WG2604145
(S) 1,2-Dichloroethane-d4	85.8			70.0-130		09/20/2025 06:45	WG2604145

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.20	5.06	1	09/28/2025 05:53	WG2606612
C22-C32 Hydrocarbons	U		3.20	5.06	1	09/28/2025 05:53	WG2606612
C32-C40 Hydrocarbons	4.92	J	3.20	5.06	1	09/28/2025 05:53	WG2606612
(S) o-Terphenyl	58.3			18.0-148		09/28/2025 05:53	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00682	0.0421	1	09/25/2025 13:35	WG2605156
Acenaphthylene	U		0.00717	0.0421	1	09/25/2025 13:35	WG2605156
Anthracene	U		0.00517	0.0421	1	09/25/2025 13:35	WG2605156
Benzo(a)anthracene	U		0.00481	0.0421	1	09/25/2025 13:35	WG2605156
Benzo(b)fluoranthene	U		0.00686	0.0421	1	09/25/2025 13:35	WG2605156
Benzo(k)fluoranthene	U		0.00612	0.0421	1	09/25/2025 13:35	WG2605156
Benzo(g,h,i)perylene	U		0.00815	0.0421	1	09/25/2025 13:35	WG2605156
Benzo(a)pyrene	U		0.00845	0.0421	1	09/25/2025 13:35	WG2605156
Bis(2-chlorethoxy)methane	U		0.0457	0.421	1	09/25/2025 13:35	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0796	0.421	1	09/25/2025 13:35	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0412	0.421	1	09/25/2025 13:35	WG2605156
4-Bromophenyl-phenylether	U		0.0601	0.421	1	09/25/2025 13:35	WG2605156
2-Chloronaphthalene	U		0.00627	0.0421	1	09/25/2025 13:35	WG2605156
4-Chlorophenyl-phenylether	U		0.0601	0.421	1	09/25/2025 13:35	WG2605156
Chrysene	U		0.00438	0.0421	1	09/25/2025 13:35	WG2605156
Dibenz(a,h)anthracene	U		0.00744	0.0421	1	09/25/2025 13:35	WG2605156
3,3-Dichlorobenzidine	U		0.161	0.421	1	09/25/2025 13:35	WG2605156
2,4-Dinitrotoluene	U		0.0835	0.421	1	09/25/2025 13:35	WG2605156
2,6-Dinitrotoluene	U		0.0794	0.421	1	09/25/2025 13:35	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00543	0.0421	1	09/25/2025 13:35	WG2605156
Fluorene	U		0.00629	0.0421	1	09/25/2025 13:35	WG2605156
Hexachlorobenzene	U		0.0688	0.421	1	09/25/2025 13:35	WG2605156
Hexachloro-1,3-butadiene	U		0.0668	0.421	1	09/25/2025 13:35	WG2605156
Hexachlorocyclopentadiene	U	C3	0.129	0.421	1	09/25/2025 13:35	WG2605156
Hexachloroethane	U		0.0519	0.421	1	09/25/2025 13:35	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00846	0.0421	1	09/25/2025 13:35	WG2605156
Isophorone	U		0.0530	0.421	1	09/25/2025 13:35	WG2605156
Naphthalene	U		0.0106	0.0421	1	09/25/2025 13:35	WG2605156
Nitrobenzene	U		0.0569	0.421	1	09/25/2025 13:35	WG2605156
n-Nitrosodimethylamine	U		0.0989	0.421	1	09/25/2025 13:35	WG2605156
n-Nitrosodiphenylamine	U		0.0540	0.421	1	09/25/2025 13:35	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0668	0.421	1	09/25/2025 13:35	WG2605156
Phenanthrene	U		0.00463	0.0421	1	09/25/2025 13:35	WG2605156
Pyridine	U		0.0705	0.421	1	09/25/2025 13:35	WG2605156
Benzylbutyl phthalate	U		0.0816	0.421	1	09/25/2025 13:35	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0831	0.421	1	09/25/2025 13:35	WG2605156
Di-n-butyl phthalate	U		0.0567	0.421	1	09/25/2025 13:35	WG2605156
Diethyl phthalate	U		0.0653	0.421	1	09/25/2025 13:35	WG2605156
Dimethyl phthalate	U		0.0565	0.421	1	09/25/2025 13:35	WG2605156
Di-n-octyl phthalate	U	C3	0.186	0.421	1	09/25/2025 13:35	WG2605156
Pyrene	U		0.00472	0.0421	1	09/25/2025 13:35	WG2605156
1,2,4-Trichlorobenzene	U		0.0500	0.421	1	09/25/2025 13:35	WG2605156
4-Chloro-3-methylphenol	U		0.0658	0.421	1	09/25/2025 13:35	WG2605156
2-Chlorophenol	U		0.0438	0.421	1	09/25/2025 13:35	WG2605156
2,4-Dichlorophenol	U		0.0555	0.421	1	09/25/2025 13:35	WG2605156
2,4-Dimethylphenol	U		0.0874	0.421	1	09/25/2025 13:35	WG2605156
4,6-Dinitro-2-methylphenol	U		0.129	0.421	1	09/25/2025 13:35	WG2605156
2,4-Dinitrophenol	U		0.161	0.421	1	09/25/2025 13:35	WG2605156
2-Methylphenol	U		0.0473	0.421	1	09/25/2025 13:35	WG2605156
3&4-Methyl Phenol	U		0.0519	0.421	1	09/25/2025 13:35	WG2605156
2-Nitrophenol	U		0.0625	0.421	1	09/25/2025 13:35	WG2605156
4-Nitrophenol	U		0.134	0.421	1	09/25/2025 13:35	WG2605156
Pentachlorophenol	U		0.0788	0.421	1	09/25/2025 13:35	WG2605156
Phenol	U		0.0717	0.421	1	09/25/2025 13:35	WG2605156
2,4,6-Trichlorophenol	U		0.101	0.421	1	09/25/2025 13:35	WG2605156
2,4,5-Trichlorophenol	U		0.103	0.421	1	09/25/2025 13:35	WG2605156
(S) 2-Fluorophenol	54.8			12.0-120		09/25/2025 13:35	WG2605156
(S) Phenol-d5	51.5			10.0-120		09/25/2025 13:35	WG2605156
(S) Nitrobenzene-d5	49.5			10.0-122		09/25/2025 13:35	WG2605156
(S) 2-Fluorobiphenyl	52.9			15.0-120		09/25/2025 13:35	WG2605156
(S) 2,4,6-Tribromophenol	61.1			10.0-127		09/25/2025 13:35	WG2605156
(S) p-Terphenyl-d14	57.1			10.0-120		09/25/2025 13:35	WG2605156

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Ds
⁶ Sr
⁷ Qc
⁸ Gl
⁹ Al
¹⁰ Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.2		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.94	3.68	25.8	09/21/2025 14:10	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/21/2025 14:10	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.132	J	0.103	0.147	1.03	09/19/2025 13:43	WG2604149
Acrylonitrile	U		0.0118	0.0184	1.03	09/19/2025 13:43	WG2604149
Benzene	U		0.00105	0.00147	1.03	09/19/2025 13:43	WG2604149
Bromobenzene	U		0.00574	0.0184	1.03	09/19/2025 13:43	WG2604149
Bromodichloromethane	U		0.00173	0.00368	1.03	09/19/2025 13:43	WG2604149
Bromoform	U		0.0146	0.0368	1.03	09/19/2025 13:43	WG2604149
Bromomethane	U		0.0149	0.0184	1.03	09/19/2025 13:43	WG2604149
n-Butylbenzene	U		0.00920	0.0184	1.03	09/19/2025 13:43	WG2604149
sec-Butylbenzene	U		0.00563	0.0184	1.03	09/19/2025 13:43	WG2604149
tert-Butylbenzene	U		0.00278	0.00735	1.03	09/19/2025 13:43	WG2604149
Carbon tetrachloride	U		0.00443	0.00735	1.03	09/19/2025 13:43	WG2604149
Chlorobenzene	U		0.00126	0.00368	1.03	09/19/2025 13:43	WG2604149
Chlorodibromomethane	U		0.00237	0.00368	1.03	09/19/2025 13:43	WG2604149
Chloroethane	U		0.00837	0.0147	1.03	09/19/2025 13:43	WG2604149
Chloroform	U		0.00238	0.00368	1.03	09/19/2025 13:43	WG2604149
Chloromethane	U		0.0125	0.0184	1.03	09/19/2025 13:43	WG2604149
2-Chlorotoluene	U		0.00190	0.00368	1.03	09/19/2025 13:43	WG2604149
4-Chlorotoluene	U		0.00227	0.00735	1.03	09/19/2025 13:43	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0157	0.0368	1.03	09/19/2025 13:43	WG2604149
1,2-Dibromoethane	U		0.00186	0.00368	1.03	09/19/2025 13:43	WG2604149
Dibromomethane	U		0.00261	0.00735	1.03	09/19/2025 13:43	WG2604149
1,2-Dichlorobenzene	U		0.00230	0.00735	1.03	09/19/2025 13:43	WG2604149
1,3-Dichlorobenzene	U		0.00243	0.00735	1.03	09/19/2025 13:43	WG2604149
1,4-Dichlorobenzene	U		0.00257	0.00735	1.03	09/19/2025 13:43	WG2604149
Dichlorodifluoromethane	U	C3	0.00640	0.00735	1.03	09/19/2025 13:43	WG2604149
1,1-Dichloroethane	U		0.00149	0.00368	1.03	09/19/2025 13:43	WG2604149
1,2-Dichloroethane	U		0.00214	0.00368	1.03	09/19/2025 13:43	WG2604149
1,1-Dichloroethene	U		0.00226	0.00368	1.03	09/19/2025 13:43	WG2604149
cis-1,2-Dichloroethene	U		0.00190	0.00368	1.03	09/19/2025 13:43	WG2604149
trans-1,2-Dichloroethene	U		0.00153	0.00735	1.03	09/19/2025 13:43	WG2604149
1,2-Dichloropropane	U		0.00283	0.00735	1.03	09/19/2025 13:43	WG2604149
1,1-Dichloropropene	U		0.00203	0.00735	1.03	09/19/2025 13:43	WG2604149
1,3-Dichloropropane	U		0.00238	0.00735	1.03	09/19/2025 13:43	WG2604149
cis-1,3-Dichloropropene	U		0.00154	0.00368	1.03	09/19/2025 13:43	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00154	0.00735	1.03	09/19/2025 13:43	WG2604149
2,2-Dichloropropane	U		0.00297	0.00368	1.03	09/19/2025 13:43	WG2604149
Di-isopropyl ether	U		0.00113	0.00147	1.03	09/19/2025 13:43	WG2604149
Ethylbenzene	U		0.00146	0.00368	1.03	09/19/2025 13:43	WG2604149
Hexachloro-1,3-butadiene	U		0.0153	0.0368	1.03	09/19/2025 13:43	WG2604149
Isopropylbenzene	U		0.00149	0.00368	1.03	09/19/2025 13:43	WG2604149
p-Isopropyltoluene	U		0.00313	0.00735	1.03	09/19/2025 13:43	WG2604149
2-Butanone (MEK)	U		0.131	0.147	1.03	09/19/2025 13:43	WG2604149
Methylene Chloride	U	J4	0.0161	0.0368	1.03	09/19/2025 13:43	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0146	0.0368	1.03	09/19/2025 13:43	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00114	0.00147	1.03	09/19/2025 13:43	WG2604149
Naphthalene	U		0.0112	0.0184	1.03	09/19/2025 13:43	WG2604149
n-Propylbenzene	U		0.00248	0.00735	1.03	09/19/2025 13:43	WG2604149
Styrene	U		0.00654	0.0184	1.03	09/19/2025 13:43	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00191	0.00368	1.03	09/19/2025 13:43	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00170	0.00368	1.03	09/19/2025 13:43	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00413	0.00735	1.03	09/19/2025 13:43	WG2604149
Tetrachloroethene	U		0.00224	0.00368	1.03	09/19/2025 13:43	WG2604149
Toluene	U		0.00426	0.00735	1.03	09/19/2025 13:43	WG2604149
1,2,3-Trichlorobenzene	U		0.0103	0.0184	1.03	09/19/2025 13:43	WG2604149
1,2,4-Trichlorobenzene	U		0.00797	0.0184	1.03	09/19/2025 13:43	WG2604149
1,1,1-Trichloroethane	U		0.00213	0.00368	1.03	09/19/2025 13:43	WG2604149
1,1,2-Trichloroethane	U		0.00197	0.00368	1.03	09/19/2025 13:43	WG2604149
Trichloroethene	U		0.00131	0.00147	1.03	09/19/2025 13:43	WG2604149
Trichlorofluoromethane	U	J4	0.00384	0.00588	1.03	09/19/2025 13:43	WG2604149
1,2,3-Trichloropropane	U		0.00900	0.0184	1.03	09/19/2025 13:43	WG2604149
1,2,4-Trimethylbenzene	U		0.00350	0.00735	1.03	09/19/2025 13:43	WG2604149
1,2,3-Trimethylbenzene	U		0.00267	0.00735	1.03	09/19/2025 13:43	WG2604149
1,3,5-Trimethylbenzene	U		0.00336	0.00735	1.03	09/19/2025 13:43	WG2604149
Vinyl chloride	U		0.00296	0.00368	1.03	09/19/2025 13:43	WG2604149
Xylenes, Total	U		0.00411	0.00957	1.03	09/19/2025 13:43	WG2604149
(S) Toluene-d8	106			75.0-131		09/19/2025 13:43	WG2604149
(S) 4-Bromofluorobenzene	120			67.0-138		09/19/2025 13:43	WG2604149
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		09/19/2025 13:43	WG2604149



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	3.92	J	3.08	4.87	1	09/28/2025 08:41	WG2606612
C22-C32 Hydrocarbons	26.4		3.08	4.87	1	09/28/2025 08:41	WG2606612
C32-C40 Hydrocarbons	27.6		3.08	4.87	1	09/28/2025 08:41	WG2606612
(S) o-Terphenyl	40.1			18.0-148		09/28/2025 08:41	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00656	0.0405	1	09/25/2025 16:19	WG2605156
Acenaphthylene	U		0.00690	0.0405	1	09/25/2025 16:19	WG2605156
Anthracene	U		0.00498	0.0405	1	09/25/2025 16:19	WG2605156
Benzo(a)anthracene	U		0.00462	0.0405	1	09/25/2025 16:19	WG2605156
Benzo(b)fluoranthene	U		0.00660	0.0405	1	09/25/2025 16:19	WG2605156
Benzo(k)fluoranthene	U		0.00589	0.0405	1	09/25/2025 16:19	WG2605156
Benzo(g,h,i)perylene	U		0.00784	0.0405	1	09/25/2025 16:19	WG2605156
Benzo(a)pyrene	U		0.00813	0.0405	1	09/25/2025 16:19	WG2605156
Bis(2-chlorethoxy)methane	U		0.0439	0.405	1	09/25/2025 16:19	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0766	0.405	1	09/25/2025 16:19	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0397	0.405	1	09/25/2025 16:19	WG2605156
4-Bromophenyl-phenylether	U		0.0578	0.405	1	09/25/2025 16:19	WG2605156
2-Chloronaphthalene	U		0.00604	0.0405	1	09/25/2025 16:19	WG2605156
4-Chlorophenyl-phenylether	U		0.0578	0.405	1	09/25/2025 16:19	WG2605156
Chrysene	U		0.00421	0.0405	1	09/25/2025 16:19	WG2605156
Dibenz(a,h)anthracene	U		0.00716	0.0405	1	09/25/2025 16:19	WG2605156
3,3-Dichlorobenzidine	U		0.155	0.405	1	09/25/2025 16:19	WG2605156
2,4-Dinitrotoluene	U		0.0803	0.405	1	09/25/2025 16:19	WG2605156
2,6-Dinitrotoluene	U		0.0764	0.405	1	09/25/2025 16:19	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00522	0.0405	1	09/25/2025 16:19	WG2605156
Fluorene	U		0.00605	0.0405	1	09/25/2025 16:19	WG2605156
Hexachlorobenzene	U		0.0662	0.405	1	09/25/2025 16:19	WG2605156
Hexachloro-1,3-butadiene	U		0.0643	0.405	1	09/25/2025 16:19	WG2605156
Hexachlorocyclopentadiene	U	C3	0.124	0.405	1	09/25/2025 16:19	WG2605156
Hexachloroethane	U		0.0499	0.405	1	09/25/2025 16:19	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00814	0.0405	1	09/25/2025 16:19	WG2605156
Isophorone	U		0.0510	0.405	1	09/25/2025 16:19	WG2605156
Naphthalene	U		0.0102	0.0405	1	09/25/2025 16:19	WG2605156
Nitrobenzene	U		0.0548	0.405	1	09/25/2025 16:19	WG2605156
n-Nitrosodimethylamine	U		0.0952	0.405	1	09/25/2025 16:19	WG2605156
n-Nitrosodiphenylamine	U		0.0520	0.405	1	09/25/2025 16:19	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0643	0.405	1	09/25/2025 16:19	WG2605156
Phenanthrene	0.00673	U	0.00445	0.0405	1	09/25/2025 16:19	WG2605156
Pyridine	U		0.0678	0.405	1	09/25/2025 16:19	WG2605156
Benzylbutyl phthalate	U		0.0785	0.405	1	09/25/2025 16:19	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0800	0.405	1	09/25/2025 16:19	WG2605156
Di-n-butyl phthalate	U		0.0545	0.405	1	09/25/2025 16:19	WG2605156
Diethyl phthalate	U		0.0628	0.405	1	09/25/2025 16:19	WG2605156
Dimethyl phthalate	U		0.0544	0.405	1	09/25/2025 16:19	WG2605156
Di-n-octyl phthalate	U	C3	0.179	0.405	1	09/25/2025 16:19	WG2605156
Pyrene	U		0.00454	0.0405	1	09/25/2025 16:19	WG2605156
1,2,4-Trichlorobenzene	U		0.0481	0.405	1	09/25/2025 16:19	WG2605156
4-Chloro-3-methylphenol	U		0.0633	0.405	1	09/25/2025 16:19	WG2605156
2-Chlorophenol	U		0.0421	0.405	1	09/25/2025 16:19	WG2605156
2,4-Dichlorophenol	U		0.0534	0.405	1	09/25/2025 16:19	WG2605156
2,4-Dimethylphenol	U		0.0841	0.405	1	09/25/2025 16:19	WG2605156
4,6-Dinitro-2-methylphenol	U		0.124	0.405	1	09/25/2025 16:19	WG2605156
2,4-Dinitrophenol	U		0.155	0.405	1	09/25/2025 16:19	WG2605156
2-Methylphenol	U		0.0455	0.405	1	09/25/2025 16:19	WG2605156
3&4-Methyl Phenol	U		0.0499	0.405	1	09/25/2025 16:19	WG2605156
2-Nitrophenol	U		0.0601	0.405	1	09/25/2025 16:19	WG2605156
4-Nitrophenol	U		0.129	0.405	1	09/25/2025 16:19	WG2605156
Pentachlorophenol	U		0.0758	0.405	1	09/25/2025 16:19	WG2605156
Phenol	U		0.0690	0.405	1	09/25/2025 16:19	WG2605156
2,4,6-Trichlorophenol	U		0.0969	0.405	1	09/25/2025 16:19	WG2605156
2,4,5-Trichlorophenol	U		0.0991	0.405	1	09/25/2025 16:19	WG2605156
(S) 2-Fluorophenol	60.4			12.0-120		09/25/2025 16:19	WG2605156
(S) Phenol-d5	60.1			10.0-120		09/25/2025 16:19	WG2605156
(S) Nitrobenzene-d5	56.0			10.0-122		09/25/2025 16:19	WG2605156
(S) 2-Fluorobiphenyl	69.7			15.0-120		09/25/2025 16:19	WG2605156
(S) 2,4,6-Tribromophenol	85.0			10.0-127		09/25/2025 16:19	WG2605156
(S) p-Terphenyl-d14	66.9			10.0-120		09/25/2025 16:19	WG2605156



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	83.1		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.90	3.63	25	09/21/2025 14:33	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/21/2025 14:33	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.101	0.145	1	09/19/2025 14:05	WG2604149
Acrylonitrile	U		0.0116	0.0181	1	09/19/2025 14:05	WG2604149
Benzene	U		0.00103	0.00145	1	09/19/2025 14:05	WG2604149
Bromobenzene	U		0.00566	0.0181	1	09/19/2025 14:05	WG2604149
Bromodichloromethane	U		0.00170	0.00363	1	09/19/2025 14:05	WG2604149
Bromoform	U		0.0144	0.0363	1	09/19/2025 14:05	WG2604149
Bromomethane	U		0.0147	0.0181	1	09/19/2025 14:05	WG2604149
n-Butylbenzene	U		0.00907	0.0181	1	09/19/2025 14:05	WG2604149
sec-Butylbenzene	U		0.00556	0.0181	1	09/19/2025 14:05	WG2604149
tert-Butylbenzene	U		0.00274	0.00725	1	09/19/2025 14:05	WG2604149
Carbon tetrachloride	U		0.00437	0.00725	1	09/19/2025 14:05	WG2604149
Chlorobenzene	U		0.00124	0.00363	1	09/19/2025 14:05	WG2604149
Chlorodibromomethane	U		0.00234	0.00363	1	09/19/2025 14:05	WG2604149
Chloroethane	U		0.00825	0.0145	1	09/19/2025 14:05	WG2604149
Chloroform	U		0.00235	0.00363	1	09/19/2025 14:05	WG2604149
Chloromethane	U		0.0123	0.0181	1	09/19/2025 14:05	WG2604149
2-Chlorotoluene	U		0.00187	0.00363	1	09/19/2025 14:05	WG2604149
4-Chlorotoluene	U		0.00223	0.00725	1	09/19/2025 14:05	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0155	0.0363	1	09/19/2025 14:05	WG2604149
1,2-Dibromoethane	U		0.00183	0.00363	1	09/19/2025 14:05	WG2604149
Dibromomethane	U		0.00258	0.00725	1	09/19/2025 14:05	WG2604149
1,2-Dichlorobenzene	U		0.00226	0.00725	1	09/19/2025 14:05	WG2604149
1,3-Dichlorobenzene	U		0.00239	0.00725	1	09/19/2025 14:05	WG2604149
1,4-Dichlorobenzene	U		0.00254	0.00725	1	09/19/2025 14:05	WG2604149
Dichlorodifluoromethane	U	C3	0.00631	0.00725	1	09/19/2025 14:05	WG2604149
1,1-Dichloroethane	U		0.00147	0.00363	1	09/19/2025 14:05	WG2604149
1,2-Dichloroethane	U		0.00212	0.00363	1	09/19/2025 14:05	WG2604149
1,1-Dichloroethene	U		0.00222	0.00363	1	09/19/2025 14:05	WG2604149
cis-1,2-Dichloroethene	U		0.00187	0.00363	1	09/19/2025 14:05	WG2604149
trans-1,2-Dichloroethene	U		0.00151	0.00725	1	09/19/2025 14:05	WG2604149
1,2-Dichloropropane	U		0.00279	0.00725	1	09/19/2025 14:05	WG2604149
1,1-Dichloropropene	U		0.00200	0.00725	1	09/19/2025 14:05	WG2604149
1,3-Dichloropropane	U		0.00235	0.00725	1	09/19/2025 14:05	WG2604149
cis-1,3-Dichloropropene	U		0.00152	0.00363	1	09/19/2025 14:05	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00152	0.00725	1	09/19/2025 14:05	WG2604149
2,2-Dichloropropane	U		0.00293	0.00363	1	09/19/2025 14:05	WG2604149
Di-isopropyl ether	U		0.00112	0.00145	1	09/19/2025 14:05	WG2604149
Ethylbenzene	U		0.00143	0.00363	1	09/19/2025 14:05	WG2604149
Hexachloro-1,3-butadiene	U		0.0151	0.0363	1	09/19/2025 14:05	WG2604149
Isopropylbenzene	U		0.00147	0.00363	1	09/19/2025 14:05	WG2604149
p-Isopropyltoluene	U		0.00309	0.00725	1	09/19/2025 14:05	WG2604149
2-Butanone (MEK)	U		0.129	0.145	1	09/19/2025 14:05	WG2604149
Methylene Chloride	U	J4	0.0160	0.0363	1	09/19/2025 14:05	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0144	0.0363	1	09/19/2025 14:05	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00112	0.00145	1	09/19/2025 14:05	WG2604149
Naphthalene	U		0.0111	0.0181	1	09/19/2025 14:05	WG2604149
n-Propylbenzene	U		0.00245	0.00725	1	09/19/2025 14:05	WG2604149
Styrene	U		0.00646	0.0181	1	09/19/2025 14:05	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00189	0.00363	1	09/19/2025 14:05	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00168	0.00363	1	09/19/2025 14:05	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00408	0.00725	1	09/19/2025 14:05	WG2604149
Tetrachloroethene	U		0.00221	0.00363	1	09/19/2025 14:05	WG2604149
Toluene	U		0.00419	0.00725	1	09/19/2025 14:05	WG2604149
1,2,3-Trichlorobenzene	U		0.0101	0.0181	1	09/19/2025 14:05	WG2604149
1,2,4-Trichlorobenzene	U		0.00786	0.0181	1	09/19/2025 14:05	WG2604149
1,1,1-Trichloroethane	U		0.00210	0.00363	1	09/19/2025 14:05	WG2604149
1,1,2-Trichloroethane	U		0.00194	0.00363	1	09/19/2025 14:05	WG2604149
Trichloroethene	U		0.00129	0.00145	1	09/19/2025 14:05	WG2604149
Trichlorofluoromethane	U	J4	0.00379	0.00580	1	09/19/2025 14:05	WG2604149
1,2,3-Trichloropropane	U		0.00888	0.0181	1	09/19/2025 14:05	WG2604149
1,2,4-Trimethylbenzene	U		0.00345	0.00725	1	09/19/2025 14:05	WG2604149
1,2,3-Trimethylbenzene	U		0.00264	0.00725	1	09/19/2025 14:05	WG2604149
1,3,5-Trimethylbenzene	U		0.00331	0.00725	1	09/19/2025 14:05	WG2604149
Vinyl chloride	U		0.00292	0.00363	1	09/19/2025 14:05	WG2604149
Xylenes, Total	U		0.00406	0.00943	1	09/19/2025 14:05	WG2604149
(S) Toluene-d8	99.6			75.0-131		09/19/2025 14:05	WG2604149
(S) 4-Bromofluorobenzene	109			67.0-138		09/19/2025 14:05	WG2604149
(S) 1,2-Dichloroethane-d4	92.8			70.0-130		09/19/2025 14:05	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.05	4.82	1	09/28/2025 06:07	WG2606612
C22-C32 Hydrocarbons	3.83	J	3.05	4.82	1	09/28/2025 06:07	WG2606612
C32-C40 Hydrocarbons	5.71		3.05	4.82	1	09/28/2025 06:07	WG2606612
(S) o-Terphenyl	41.7			18.0-148		09/28/2025 06:07	WG2606612

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00649	0.0401	1	09/25/2025 14:36	WG2605156
Acenaphthylene	U		0.00683	0.0401	1	09/25/2025 14:36	WG2605156
Anthracene	U		0.00492	0.0401	1	09/25/2025 14:36	WG2605156
Benzo(a)anthracene	U		0.00458	0.0401	1	09/25/2025 14:36	WG2605156
Benzo(b)fluoranthene	U		0.00653	0.0401	1	09/25/2025 14:36	WG2605156
Benzo(k)fluoranthene	U		0.00583	0.0401	1	09/25/2025 14:36	WG2605156
Benzo(g,h,i)perylene	U		0.00775	0.0401	1	09/25/2025 14:36	WG2605156
Benzo(a)pyrene	U		0.00804	0.0401	1	09/25/2025 14:36	WG2605156
Bis(2-chlorethoxy)methane	U		0.0435	0.401	1	09/25/2025 14:36	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0757	0.401	1	09/25/2025 14:36	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0393	0.401	1	09/25/2025 14:36	WG2605156
4-Bromophenyl-phenylether	U		0.0572	0.401	1	09/25/2025 14:36	WG2605156
2-Chloronaphthalene	U		0.00597	0.0401	1	09/25/2025 14:36	WG2605156
4-Chlorophenyl-phenylether	U		0.0572	0.401	1	09/25/2025 14:36	WG2605156
Chrysene	U		0.00417	0.0401	1	09/25/2025 14:36	WG2605156
Dibenz(a,h)anthracene	U		0.00708	0.0401	1	09/25/2025 14:36	WG2605156
3,3-Dichlorobenzidine	U		0.153	0.401	1	09/25/2025 14:36	WG2605156
2,4-Dinitrotoluene	U		0.0795	0.401	1	09/25/2025 14:36	WG2605156
2,6-Dinitrotoluene	U		0.0756	0.401	1	09/25/2025 14:36	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00517	0.0401	1	09/25/2025 14:36	WG2605156
Fluorene	U		0.00598	0.0401	1	09/25/2025 14:36	WG2605156
Hexachlorobenzene	U		0.0655	0.401	1	09/25/2025 14:36	WG2605156
Hexachloro-1,3-butadiene	U		0.0636	0.401	1	09/25/2025 14:36	WG2605156
Hexachlorocyclopentadiene	U	C3	0.123	0.401	1	09/25/2025 14:36	WG2605156
Hexachloroethane	U		0.0494	0.401	1	09/25/2025 14:36	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00805	0.0401	1	09/25/2025 14:36	WG2605156
Isophorone	U		0.0504	0.401	1	09/25/2025 14:36	WG2605156
Naphthalene	U		0.0101	0.0401	1	09/25/2025 14:36	WG2605156
Nitrobenzene	U		0.0542	0.401	1	09/25/2025 14:36	WG2605156
n-Nitrosodimethylamine	U		0.0942	0.401	1	09/25/2025 14:36	WG2605156
n-Nitrosodiphenylamine	U		0.0514	0.401	1	09/25/2025 14:36	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0636	0.401	1	09/25/2025 14:36	WG2605156
Phenanthrene	U		0.00441	0.0401	1	09/25/2025 14:36	WG2605156
Pyridine	U		0.0671	0.401	1	09/25/2025 14:36	WG2605156
Benzylbutyl phthalate	U		0.0777	0.401	1	09/25/2025 14:36	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0791	0.401	1	09/25/2025 14:36	WG2605156
Di-n-butyl phthalate	U		0.0539	0.401	1	09/25/2025 14:36	WG2605156
Diethyl phthalate	U		0.0621	0.401	1	09/25/2025 14:36	WG2605156
Dimethyl phthalate	U		0.0538	0.401	1	09/25/2025 14:36	WG2605156
Di-n-octyl phthalate	U	C3	0.177	0.401	1	09/25/2025 14:36	WG2605156
Pyrene	U		0.00449	0.0401	1	09/25/2025 14:36	WG2605156
1,2,4-Trichlorobenzene	U		0.0476	0.401	1	09/25/2025 14:36	WG2605156
4-Chloro-3-methylphenol	U		0.0626	0.401	1	09/25/2025 14:36	WG2605156
2-Chlorophenol	U		0.0417	0.401	1	09/25/2025 14:36	WG2605156
2,4-Dichlorophenol	U		0.0529	0.401	1	09/25/2025 14:36	WG2605156
2,4-Dimethylphenol	U		0.0832	0.401	1	09/25/2025 14:36	WG2605156
4,6-Dinitro-2-methylphenol	U		0.123	0.401	1	09/25/2025 14:36	WG2605156
2,4-Dinitrophenol	U		0.153	0.401	1	09/25/2025 14:36	WG2605156
2-Methylphenol	U		0.0450	0.401	1	09/25/2025 14:36	WG2605156
3&4-Methyl Phenol	U		0.0494	0.401	1	09/25/2025 14:36	WG2605156
2-Nitrophenol	U		0.0595	0.401	1	09/25/2025 14:36	WG2605156
4-Nitrophenol	U		0.128	0.401	1	09/25/2025 14:36	WG2605156
Pentachlorophenol	U		0.0750	0.401	1	09/25/2025 14:36	WG2605156
Phenol	U		0.0683	0.401	1	09/25/2025 14:36	WG2605156
2,4,6-Trichlorophenol	U		0.0958	0.401	1	09/25/2025 14:36	WG2605156
2,4,5-Trichlorophenol	U		0.0980	0.401	1	09/25/2025 14:36	WG2605156
(S) 2-Fluorophenol	56.4			12.0-120		09/25/2025 14:36	WG2605156
(S) Phenol-d5	57.2			10.0-120		09/25/2025 14:36	WG2605156
(S) Nitrobenzene-d5	52.9			10.0-122		09/25/2025 14:36	WG2605156
(S) 2-Fluorobiphenyl	58.7			15.0-120		09/25/2025 14:36	WG2605156
(S) 2,4,6-Tribromophenol	72.2			10.0-127		09/25/2025 14:36	WG2605156
(S) p-Terphenyl-d14	60.9			10.0-120		09/25/2025 14:36	WG2605156



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.7		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.19	3.99	25	09/21/2025 14:56	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/21/2025 14:56	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.111	0.160	1	09/19/2025 14:27	WG2604149
Acrylonitrile	U		0.0128	0.0200	1	09/19/2025 14:27	WG2604149
Benzene	U		0.00114	0.00160	1	09/19/2025 14:27	WG2604149
Bromobenzene	U		0.00623	0.0200	1	09/19/2025 14:27	WG2604149
Bromodichloromethane	U		0.00187	0.00399	1	09/19/2025 14:27	WG2604149
Bromoform	U		0.0158	0.0399	1	09/19/2025 14:27	WG2604149
Bromomethane	U		0.0161	0.0200	1	09/19/2025 14:27	WG2604149
n-Butylbenzene	U		0.00998	0.0200	1	09/19/2025 14:27	WG2604149
sec-Butylbenzene	U		0.00611	0.0200	1	09/19/2025 14:27	WG2604149
tert-Butylbenzene	U		0.00302	0.00798	1	09/19/2025 14:27	WG2604149
Carbon tetrachloride	U		0.00481	0.00798	1	09/19/2025 14:27	WG2604149
Chlorobenzene	U		0.00137	0.00399	1	09/19/2025 14:27	WG2604149
Chlorodibromomethane	U		0.00257	0.00399	1	09/19/2025 14:27	WG2604149
Chloroethane	U		0.00908	0.0160	1	09/19/2025 14:27	WG2604149
Chloroform	U		0.00259	0.00399	1	09/19/2025 14:27	WG2604149
Chloromethane	U		0.0136	0.0200	1	09/19/2025 14:27	WG2604149
2-Chlorotoluene	U		0.00206	0.00399	1	09/19/2025 14:27	WG2604149
4-Chlorotoluene	U		0.00246	0.00798	1	09/19/2025 14:27	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0171	0.0399	1	09/19/2025 14:27	WG2604149
1,2-Dibromoethane	U		0.00201	0.00399	1	09/19/2025 14:27	WG2604149
Dibromomethane	U		0.00284	0.00798	1	09/19/2025 14:27	WG2604149
1,2-Dichlorobenzene	U		0.00249	0.00798	1	09/19/2025 14:27	WG2604149
1,3-Dichlorobenzene	U		0.00263	0.00798	1	09/19/2025 14:27	WG2604149
1,4-Dichlorobenzene	U		0.00279	0.00798	1	09/19/2025 14:27	WG2604149
Dichlorodifluoromethane	U	C3	0.00694	0.00798	1	09/19/2025 14:27	WG2604149
1,1-Dichloroethane	U		0.00161	0.00399	1	09/19/2025 14:27	WG2604149
1,2-Dichloroethane	U		0.00233	0.00399	1	09/19/2025 14:27	WG2604149
1,1-Dichloroethene	U		0.00244	0.00399	1	09/19/2025 14:27	WG2604149
cis-1,2-Dichloroethene	U		0.00206	0.00399	1	09/19/2025 14:27	WG2604149
trans-1,2-Dichloroethene	U		0.00166	0.00798	1	09/19/2025 14:27	WG2604149
1,2-Dichloropropane	U		0.00307	0.00798	1	09/19/2025 14:27	WG2604149
1,1-Dichloropropene	U		0.00220	0.00798	1	09/19/2025 14:27	WG2604149
1,3-Dichloropropane	U		0.00259	0.00798	1	09/19/2025 14:27	WG2604149
cis-1,3-Dichloropropene	U		0.00168	0.00399	1	09/19/2025 14:27	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00168	0.00798	1	09/19/2025 14:27	WG2604149
2,2-Dichloropropane	U		0.00322	0.00399	1	09/19/2025 14:27	WG2604149
Di-isopropyl ether	U		0.00123	0.00160	1	09/19/2025 14:27	WG2604149
Ethylbenzene	U		0.00158	0.00399	1	09/19/2025 14:27	WG2604149
Hexachloro-1,3-butadiene	U		0.0166	0.0399	1	09/19/2025 14:27	WG2604149
Isopropylbenzene	U		0.00161	0.00399	1	09/19/2025 14:27	WG2604149
p-Isopropyltoluene	U		0.00340	0.00798	1	09/19/2025 14:27	WG2604149
2-Butanone (MEK)	U		0.142	0.160	1	09/19/2025 14:27	WG2604149
Methylene Chloride	U	J4	0.0176	0.0399	1	09/19/2025 14:27	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0158	0.0399	1	09/19/2025 14:27	WG2604149

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00123	0.00160	1	09/19/2025 14:27	WG2604149
Naphthalene	U		0.0122	0.0200	1	09/19/2025 14:27	WG2604149
n-Propylbenzene	U		0.00270	0.00798	1	09/19/2025 14:27	WG2604149
Styrene	U		0.00710	0.0200	1	09/19/2025 14:27	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00208	0.00399	1	09/19/2025 14:27	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00185	0.00399	1	09/19/2025 14:27	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00449	0.00798	1	09/19/2025 14:27	WG2604149
Tetrachloroethene	U		0.00243	0.00399	1	09/19/2025 14:27	WG2604149
Toluene	U		0.00461	0.00798	1	09/19/2025 14:27	WG2604149
1,2,3-Trichlorobenzene	U		0.0112	0.0200	1	09/19/2025 14:27	WG2604149
1,2,4-Trichlorobenzene	U		0.00865	0.0200	1	09/19/2025 14:27	WG2604149
1,1,1-Trichloroethane	U		0.00231	0.00399	1	09/19/2025 14:27	WG2604149
1,1,2-Trichloroethane	U		0.00214	0.00399	1	09/19/2025 14:27	WG2604149
Trichloroethene	U		0.00142	0.00160	1	09/19/2025 14:27	WG2604149
Trichlorofluoromethane	U	J4	0.00417	0.00639	1	09/19/2025 14:27	WG2604149
1,2,3-Trichloropropane	U		0.00977	0.0200	1	09/19/2025 14:27	WG2604149
1,2,4-Trimethylbenzene	U		0.00380	0.00798	1	09/19/2025 14:27	WG2604149
1,2,3-Trimethylbenzene	U		0.00291	0.00798	1	09/19/2025 14:27	WG2604149
1,3,5-Trimethylbenzene	U		0.00364	0.00798	1	09/19/2025 14:27	WG2604149
Vinyl chloride	U		0.00321	0.00399	1	09/19/2025 14:27	WG2604149
Xylenes, Total	U		0.00447	0.0104	1	09/19/2025 14:27	WG2604149
(S) Toluene-d8	103			75.0-131		09/19/2025 14:27	WG2604149
(S) 4-Bromofluorobenzene	109			67.0-138		09/19/2025 14:27	WG2604149
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		09/19/2025 14:27	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.22	5.09	1	09/28/2025 15:56	WG2606613
C22-C32 Hydrocarbons	3.28	J	3.22	5.09	1	09/28/2025 15:56	WG2606613
C32-C40 Hydrocarbons	4.08	J	3.22	5.09	1	09/28/2025 15:56	WG2606613
(S) o-Terphenyl	56.1			18.0-148		09/28/2025 15:56	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00685	0.0423	1	09/25/2025 14:16	WG2605156
Acenaphthylene	U		0.00721	0.0423	1	09/25/2025 14:16	WG2605156
Anthracene	U		0.00520	0.0423	1	09/25/2025 14:16	WG2605156
Benzo(a)anthracene	U		0.00483	0.0423	1	09/25/2025 14:16	WG2605156
Benzo(b)fluoranthene	U		0.00689	0.0423	1	09/25/2025 14:16	WG2605156
Benzo(k)fluoranthene	U		0.00615	0.0423	1	09/25/2025 14:16	WG2605156
Benzo(g,h,i)perylene	U		0.00819	0.0423	1	09/25/2025 14:16	WG2605156
Benzo(a)pyrene	U		0.00849	0.0423	1	09/25/2025 14:16	WG2605156
Bis(2-chlorethoxy)methane	U		0.0459	0.423	1	09/25/2025 14:16	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0800	0.423	1	09/25/2025 14:16	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0414	0.423	1	09/25/2025 14:16	WG2605156
4-Bromophenyl-phenylether	U		0.0604	0.423	1	09/25/2025 14:16	WG2605156
2-Chloronaphthalene	U		0.00631	0.0423	1	09/25/2025 14:16	WG2605156
4-Chlorophenyl-phenylether	U		0.0604	0.423	1	09/25/2025 14:16	WG2605156
Chrysene	U		0.00440	0.0423	1	09/25/2025 14:16	WG2605156
Dibenz(a,h)anthracene	U		0.00748	0.0423	1	09/25/2025 14:16	WG2605156
3,3-Dichlorobenzidine	U		0.161	0.423	1	09/25/2025 14:16	WG2605156
2,4-Dinitrotoluene	U		0.0839	0.423	1	09/25/2025 14:16	WG2605156
2,6-Dinitrotoluene	U		0.0798	0.423	1	09/25/2025 14:16	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00545	0.0423	1	09/25/2025 14:16	WG2605156
Fluorene	U		0.00632	0.0423	1	09/25/2025 14:16	WG2605156
Hexachlorobenzene	U		0.0692	0.423	1	09/25/2025 14:16	WG2605156
Hexachloro-1,3-butadiene	U		0.0671	0.423	1	09/25/2025 14:16	WG2605156
Hexachlorocyclopentadiene	U	C3	0.130	0.423	1	09/25/2025 14:16	WG2605156
Hexachloroethane	U		0.0521	0.423	1	09/25/2025 14:16	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00851	0.0423	1	09/25/2025 14:16	WG2605156
Isophorone	U		0.0533	0.423	1	09/25/2025 14:16	WG2605156
Naphthalene	U		0.0106	0.0423	1	09/25/2025 14:16	WG2605156
Nitrobenzene	U		0.0572	0.423	1	09/25/2025 14:16	WG2605156
n-Nitrosodimethylamine	U		0.0994	0.423	1	09/25/2025 14:16	WG2605156
n-Nitrosodiphenylamine	U		0.0543	0.423	1	09/25/2025 14:16	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0671	0.423	1	09/25/2025 14:16	WG2605156
Phenanthrene	U		0.00465	0.0423	1	09/25/2025 14:16	WG2605156
Pyridine	U		0.0708	0.423	1	09/25/2025 14:16	WG2605156
Benzylbutyl phthalate	U		0.0820	0.423	1	09/25/2025 14:16	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0835	0.423	1	09/25/2025 14:16	WG2605156
Di-n-butyl phthalate	U		0.0570	0.423	1	09/25/2025 14:16	WG2605156
Diethyl phthalate	U		0.0656	0.423	1	09/25/2025 14:16	WG2605156
Dimethyl phthalate	U		0.0568	0.423	1	09/25/2025 14:16	WG2605156
Di-n-octyl phthalate	U	C3	0.187	0.423	1	09/25/2025 14:16	WG2605156
Pyrene	U		0.00474	0.0423	1	09/25/2025 14:16	WG2605156
1,2,4-Trichlorobenzene	U		0.0502	0.423	1	09/25/2025 14:16	WG2605156
4-Chloro-3-methylphenol	U		0.0661	0.423	1	09/25/2025 14:16	WG2605156
2-Chlorophenol	U		0.0440	0.423	1	09/25/2025 14:16	WG2605156
2,4-Dichlorophenol	U		0.0558	0.423	1	09/25/2025 14:16	WG2605156
2,4-Dimethylphenol	U		0.0878	0.423	1	09/25/2025 14:16	WG2605156
4,6-Dinitro-2-methylphenol	U		0.130	0.423	1	09/25/2025 14:16	WG2605156
2,4-Dinitrophenol	U		0.161	0.423	1	09/25/2025 14:16	WG2605156
2-Methylphenol	U		0.0475	0.423	1	09/25/2025 14:16	WG2605156
3&4-Methyl Phenol	U		0.0521	0.423	1	09/25/2025 14:16	WG2605156
2-Nitrophenol	U		0.0628	0.423	1	09/25/2025 14:16	WG2605156
4-Nitrophenol	U		0.135	0.423	1	09/25/2025 14:16	WG2605156
Pentachlorophenol	U		0.0792	0.423	1	09/25/2025 14:16	WG2605156
Phenol	U		0.0721	0.423	1	09/25/2025 14:16	WG2605156
2,4,6-Trichlorophenol	U		0.101	0.423	1	09/25/2025 14:16	WG2605156
2,4,5-Trichlorophenol	U		0.103	0.423	1	09/25/2025 14:16	WG2605156
(S) 2-Fluorophenol	60.1			12.0-120		09/25/2025 14:16	WG2605156
(S) Phenol-d5	58.1			10.0-120		09/25/2025 14:16	WG2605156
(S) Nitrobenzene-d5	49.8			10.0-122		09/25/2025 14:16	WG2605156
(S) 2-Fluorobiphenyl	58.6			15.0-120		09/25/2025 14:16	WG2605156
(S) 2,4,6-Tribromophenol	69.8			10.0-127		09/25/2025 14:16	WG2605156
(S) p-Terphenyl-d14	60.1			10.0-120		09/25/2025 14:16	WG2605156



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.4		1	09/19/2025 07:52	WG2603989

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.71	3.39	25	09/21/2025 15:20	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120		09/21/2025 15:20	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0945	0.136	1	09/19/2025 18:46	WG2604149
Acrylonitrile	U		0.0109	0.0169	1	09/19/2025 18:46	WG2604149
Benzene	U		0.000964	0.00136	1	09/19/2025 18:46	WG2604149
Bromobenzene	U		0.00529	0.0169	1	09/19/2025 18:46	WG2604149
Bromodichloromethane	U		0.00159	0.00339	1	09/19/2025 18:46	WG2604149
Bromoform	U		0.0134	0.0339	1	09/19/2025 18:46	WG2604149
Bromomethane	U		0.0137	0.0169	1	09/19/2025 18:46	WG2604149
n-Butylbenzene	U		0.00847	0.0169	1	09/19/2025 18:46	WG2604149
sec-Butylbenzene	U		0.00519	0.0169	1	09/19/2025 18:46	WG2604149
tert-Butylbenzene	U		0.00256	0.00678	1	09/19/2025 18:46	WG2604149
Carbon tetrachloride	U		0.00408	0.00678	1	09/19/2025 18:46	WG2604149
Chlorobenzene	U		0.00116	0.00339	1	09/19/2025 18:46	WG2604149
Chlorodibromomethane	U		0.00218	0.00339	1	09/19/2025 18:46	WG2604149
Chloroethane	U		0.00771	0.0136	1	09/19/2025 18:46	WG2604149
Chloroform	U		0.00220	0.00339	1	09/19/2025 18:46	WG2604149
Chloromethane	U		0.0115	0.0169	1	09/19/2025 18:46	WG2604149
2-Chlorotoluene	U		0.00175	0.00339	1	09/19/2025 18:46	WG2604149
4-Chlorotoluene	U		0.00209	0.00678	1	09/19/2025 18:46	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0145	0.0339	1	09/19/2025 18:46	WG2604149
1,2-Dibromoethane	U		0.00171	0.00339	1	09/19/2025 18:46	WG2604149
Dibromomethane	U		0.00241	0.00678	1	09/19/2025 18:46	WG2604149
1,2-Dichlorobenzene	U		0.00211	0.00678	1	09/19/2025 18:46	WG2604149
1,3-Dichlorobenzene	U		0.00224	0.00678	1	09/19/2025 18:46	WG2604149
1,4-Dichlorobenzene	U		0.00237	0.00678	1	09/19/2025 18:46	WG2604149
Dichlorodifluoromethane	U	C3	0.00590	0.00678	1	09/19/2025 18:46	WG2604149
1,1-Dichloroethane	U		0.00137	0.00339	1	09/19/2025 18:46	WG2604149
1,2-Dichloroethane	U		0.00198	0.00339	1	09/19/2025 18:46	WG2604149
1,1-Dichloroethene	U		0.00207	0.00339	1	09/19/2025 18:46	WG2604149
cis-1,2-Dichloroethene	U		0.00175	0.00339	1	09/19/2025 18:46	WG2604149
trans-1,2-Dichloroethene	U		0.00141	0.00678	1	09/19/2025 18:46	WG2604149
1,2-Dichloropropane	U		0.00260	0.00678	1	09/19/2025 18:46	WG2604149
1,1-Dichloropropene	U		0.00187	0.00678	1	09/19/2025 18:46	WG2604149
1,3-Dichloropropane	U		0.00220	0.00678	1	09/19/2025 18:46	WG2604149
cis-1,3-Dichloropropene	U		0.00142	0.00339	1	09/19/2025 18:46	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00142	0.00678	1	09/19/2025 18:46	WG2604149
2,2-Dichloropropane	U		0.00274	0.00339	1	09/19/2025 18:46	WG2604149
Di-isopropyl ether	U		0.00104	0.00136	1	09/19/2025 18:46	WG2604149
Ethylbenzene	U		0.00134	0.00339	1	09/19/2025 18:46	WG2604149
Hexachloro-1,3-butadiene	U		0.0141	0.0339	1	09/19/2025 18:46	WG2604149
Isopropylbenzene	U		0.00137	0.00339	1	09/19/2025 18:46	WG2604149
p-Isopropyltoluene	U		0.00289	0.00678	1	09/19/2025 18:46	WG2604149
2-Butanone (MEK)	U		0.120	0.136	1	09/19/2025 18:46	WG2604149
Methylene Chloride	U	J4	0.0149	0.0339	1	09/19/2025 18:46	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0134	0.0339	1	09/19/2025 18:46	WG2604149



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00105	0.00136	1	09/19/2025 18:46	WG2604149
Naphthalene	U		0.0103	0.0169	1	09/19/2025 18:46	WG2604149
n-Propylbenzene	U		0.00229	0.00678	1	09/19/2025 18:46	WG2604149
Styrene	U		0.00603	0.0169	1	09/19/2025 18:46	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00176	0.00339	1	09/19/2025 18:46	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00157	0.00339	1	09/19/2025 18:46	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00381	0.00678	1	09/19/2025 18:46	WG2604149
Tetrachloroethene	U		0.00206	0.00339	1	09/19/2025 18:46	WG2604149
Toluene	U		0.00392	0.00678	1	09/19/2025 18:46	WG2604149
1,2,3-Trichlorobenzene	U		0.00947	0.0169	1	09/19/2025 18:46	WG2604149
1,2,4-Trichlorobenzene	U		0.00735	0.0169	1	09/19/2025 18:46	WG2604149
1,1,1-Trichloroethane	U		0.00197	0.00339	1	09/19/2025 18:46	WG2604149
1,1,2-Trichloroethane	U		0.00182	0.00339	1	09/19/2025 18:46	WG2604149
Trichloroethene	U		0.00121	0.00136	1	09/19/2025 18:46	WG2604149
Trichlorofluoromethane	U	J4	0.00354	0.00542	1	09/19/2025 18:46	WG2604149
1,2,3-Trichloropropane	U		0.00830	0.0169	1	09/19/2025 18:46	WG2604149
1,2,4-Trimethylbenzene	U		0.00323	0.00678	1	09/19/2025 18:46	WG2604149
1,2,3-Trimethylbenzene	U		0.00247	0.00678	1	09/19/2025 18:46	WG2604149
1,3,5-Trimethylbenzene	U		0.00309	0.00678	1	09/19/2025 18:46	WG2604149
Vinyl chloride	U		0.00272	0.00339	1	09/19/2025 18:46	WG2604149
Xylenes, Total	U		0.00380	0.00881	1	09/19/2025 18:46	WG2604149
(S) Toluene-d8	134	J1		75.0-131		09/19/2025 18:46	WG2604149
(S) 4-Bromofluorobenzene	114			67.0-138		09/19/2025 18:46	WG2604149
(S) 1,2-Dichloroethane-d4	90.1			70.0-130		09/19/2025 18:46	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		2.93	4.63	1	09/28/2025 16:39	WG2606613
C22-C32 Hydrocarbons	11.0		2.93	4.63	1	09/28/2025 16:39	WG2606613
C32-C40 Hydrocarbons	14.9		2.93	4.63	1	09/28/2025 16:39	WG2606613
(S) o-Terphenyl	44.8			18.0-148		09/28/2025 16:39	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00624	0.0385	1	09/25/2025 14:57	WG2605156
Acenaphthylene	U		0.00656	0.0385	1	09/25/2025 14:57	WG2605156
Anthracene	U		0.00473	0.0385	1	09/25/2025 14:57	WG2605156
Benzo(a)anthracene	U		0.00440	0.0385	1	09/25/2025 14:57	WG2605156
Benzo(b)fluoranthene	U		0.00627	0.0385	1	09/25/2025 14:57	WG2605156
Benzo(k)fluoranthene	U		0.00560	0.0385	1	09/25/2025 14:57	WG2605156
Benzo(g,h,i)perylene	U		0.00745	0.0385	1	09/25/2025 14:57	WG2605156
Benzo(a)pyrene	U		0.00773	0.0385	1	09/25/2025 14:57	WG2605156
Bis(2-chlorethoxy)methane	U		0.0418	0.385	1	09/25/2025 14:57	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0728	0.385	1	09/25/2025 14:57	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0377	0.385	1	09/25/2025 14:57	WG2605156
4-Bromophenyl-phenylether	U		0.0550	0.385	1	09/25/2025 14:57	WG2605156
2-Chloronaphthalene	U		0.00574	0.0385	1	09/25/2025 14:57	WG2605156
4-Chlorophenyl-phenylether	U		0.0550	0.385	1	09/25/2025 14:57	WG2605156
Chrysene	U		0.00400	0.0385	1	09/25/2025 14:57	WG2605156
Dibenz(a,h)anthracene	U		0.00680	0.0385	1	09/25/2025 14:57	WG2605156
3,3-Dichlorobenzidine	U		0.147	0.385	1	09/25/2025 14:57	WG2605156
2,4-Dinitrotoluene	U		0.0764	0.385	1	09/25/2025 14:57	WG2605156
2,6-Dinitrotoluene	U		0.0727	0.385	1	09/25/2025 14:57	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	0.00697	J	0.00496	0.0385	1	09/25/2025 14:57	WG2605156
Fluorene	U		0.00575	0.0385	1	09/25/2025 14:57	WG2605156
Hexachlorobenzene	U		0.0629	0.385	1	09/25/2025 14:57	WG2605156
Hexachloro-1,3-butadiene	U		0.0611	0.385	1	09/25/2025 14:57	WG2605156
Hexachlorocyclopentadiene	U	C3	0.118	0.385	1	09/25/2025 14:57	WG2605156
Hexachloroethane	U		0.0474	0.385	1	09/25/2025 14:57	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00774	0.0385	1	09/25/2025 14:57	WG2605156
Isophorone	U		0.0485	0.385	1	09/25/2025 14:57	WG2605156
Naphthalene	U		0.00967	0.0385	1	09/25/2025 14:57	WG2605156
Nitrobenzene	U		0.0521	0.385	1	09/25/2025 14:57	WG2605156
n-Nitrosodimethylamine	U		0.0905	0.385	1	09/25/2025 14:57	WG2605156
n-Nitrosodiphenylamine	U		0.0494	0.385	1	09/25/2025 14:57	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0611	0.385	1	09/25/2025 14:57	WG2605156
Phenanthrene	U		0.00423	0.0385	1	09/25/2025 14:57	WG2605156
Pyridine	U		0.0644	0.385	1	09/25/2025 14:57	WG2605156
Benzylbutyl phthalate	U		0.0746	0.385	1	09/25/2025 14:57	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0760	0.385	1	09/25/2025 14:57	WG2605156
Di-n-butyl phthalate	U		0.0518	0.385	1	09/25/2025 14:57	WG2605156
Diethyl phthalate	U		0.0597	0.385	1	09/25/2025 14:57	WG2605156
Dimethyl phthalate	U		0.0517	0.385	1	09/25/2025 14:57	WG2605156
Di-n-octyl phthalate	U	C3	0.170	0.385	1	09/25/2025 14:57	WG2605156
Pyrene	0.00563	J	0.00432	0.0385	1	09/25/2025 14:57	WG2605156
1,2,4-Trichlorobenzene	U		0.0457	0.385	1	09/25/2025 14:57	WG2605156
4-Chloro-3-methylphenol	U		0.0602	0.385	1	09/25/2025 14:57	WG2605156
2-Chlorophenol	U		0.0400	0.385	1	09/25/2025 14:57	WG2605156
2,4-Dichlorophenol	U		0.0508	0.385	1	09/25/2025 14:57	WG2605156
2,4-Dimethylphenol	U		0.0799	0.385	1	09/25/2025 14:57	WG2605156
4,6-Dinitro-2-methylphenol	U		0.118	0.385	1	09/25/2025 14:57	WG2605156
2,4-Dinitrophenol	U		0.147	0.385	1	09/25/2025 14:57	WG2605156
2-Methylphenol	U		0.0433	0.385	1	09/25/2025 14:57	WG2605156
3&4-Methyl Phenol	U		0.0474	0.385	1	09/25/2025 14:57	WG2605156
2-Nitrophenol	U		0.0572	0.385	1	09/25/2025 14:57	WG2605156
4-Nitrophenol	U		0.123	0.385	1	09/25/2025 14:57	WG2605156
Pentachlorophenol	U		0.0721	0.385	1	09/25/2025 14:57	WG2605156
Phenol	U		0.0656	0.385	1	09/25/2025 14:57	WG2605156
2,4,6-Trichlorophenol	U		0.0921	0.385	1	09/25/2025 14:57	WG2605156
2,4,5-Trichlorophenol	U		0.0942	0.385	1	09/25/2025 14:57	WG2605156
(S) 2-Fluorophenol	63.5			12.0-120		09/25/2025 14:57	WG2605156
(S) Phenol-d5	59.4			10.0-120		09/25/2025 14:57	WG2605156
(S) Nitrobenzene-d5	54.8			10.0-122		09/25/2025 14:57	WG2605156
(S) 2-Fluorobiphenyl	66.3			15.0-120		09/25/2025 14:57	WG2605156
(S) 2,4,6-Tribromophenol	80.7			10.0-127		09/25/2025 14:57	WG2605156
(S) p-Terphenyl-d14	68.1			10.0-120		09/25/2025 14:57	WG2605156



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.7		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		3.29	4.11	25	09/21/2025 15:43	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.0			77.0-120		09/21/2025 15:43	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.115	0.165	1	09/19/2025 14:49	WG2604149
Acrylonitrile	U		0.0132	0.0206	1	09/19/2025 14:49	WG2604149
Benzene	U		0.00117	0.00165	1	09/19/2025 14:49	WG2604149
Bromobenzene	U		0.00642	0.0206	1	09/19/2025 14:49	WG2604149
Bromodichloromethane	U		0.00193	0.00411	1	09/19/2025 14:49	WG2604149
Bromoform	U		0.0163	0.0411	1	09/19/2025 14:49	WG2604149
Bromomethane	U		0.0166	0.0206	1	09/19/2025 14:49	WG2604149
n-Butylbenzene	U		0.0103	0.0206	1	09/19/2025 14:49	WG2604149
sec-Butylbenzene	U		0.00630	0.0206	1	09/19/2025 14:49	WG2604149
tert-Butylbenzene	U		0.00311	0.00823	1	09/19/2025 14:49	WG2604149
Carbon tetrachloride	U		0.00495	0.00823	1	09/19/2025 14:49	WG2604149
Chlorobenzene	U		0.00141	0.00411	1	09/19/2025 14:49	WG2604149
Chlorodibromomethane	U		0.00265	0.00411	1	09/19/2025 14:49	WG2604149
Chloroethane	U		0.00936	0.0165	1	09/19/2025 14:49	WG2604149
Chloroform	U		0.00267	0.00411	1	09/19/2025 14:49	WG2604149
Chloromethane	U		0.0140	0.0206	1	09/19/2025 14:49	WG2604149
2-Chlorotoluene	U		0.00212	0.00411	1	09/19/2025 14:49	WG2604149
4-Chlorotoluene	U		0.00253	0.00823	1	09/19/2025 14:49	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0176	0.0411	1	09/19/2025 14:49	WG2604149
1,2-Dibromoethane	U		0.00207	0.00411	1	09/19/2025 14:49	WG2604149
Dibromomethane	U		0.00293	0.00823	1	09/19/2025 14:49	WG2604149
1,2-Dichlorobenzene	U		0.00257	0.00823	1	09/19/2025 14:49	WG2604149
1,3-Dichlorobenzene	U		0.00272	0.00823	1	09/19/2025 14:49	WG2604149
1,4-Dichlorobenzene	U		0.00288	0.00823	1	09/19/2025 14:49	WG2604149
Dichlorodifluoromethane	U	C3	0.00716	0.00823	1	09/19/2025 14:49	WG2604149
1,1-Dichloroethane	U		0.00166	0.00411	1	09/19/2025 14:49	WG2604149
1,2-Dichloroethane	U		0.00240	0.00411	1	09/19/2025 14:49	WG2604149
1,1-Dichloroethene	U		0.00252	0.00411	1	09/19/2025 14:49	WG2604149
cis-1,2-Dichloroethene	U		0.00212	0.00411	1	09/19/2025 14:49	WG2604149
trans-1,2-Dichloroethene	U		0.00171	0.00823	1	09/19/2025 14:49	WG2604149
1,2-Dichloropropane	U		0.00316	0.00823	1	09/19/2025 14:49	WG2604149
1,1-Dichloropropene	U		0.00227	0.00823	1	09/19/2025 14:49	WG2604149
1,3-Dichloropropane	U		0.00267	0.00823	1	09/19/2025 14:49	WG2604149
cis-1,3-Dichloropropene	U		0.00173	0.00411	1	09/19/2025 14:49	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00173	0.00823	1	09/19/2025 14:49	WG2604149
2,2-Dichloropropane	U		0.00332	0.00411	1	09/19/2025 14:49	WG2604149
Di-isopropyl ether	U		0.00127	0.00165	1	09/19/2025 14:49	WG2604149
Ethylbenzene	U		0.00162	0.00411	1	09/19/2025 14:49	WG2604149
Hexachloro-1,3-butadiene	U		0.0171	0.0411	1	09/19/2025 14:49	WG2604149
Isopropylbenzene	U		0.00166	0.00411	1	09/19/2025 14:49	WG2604149
p-Isopropyltoluene	U		0.00351	0.00823	1	09/19/2025 14:49	WG2604149
2-Butanone (MEK)	U		0.146	0.165	1	09/19/2025 14:49	WG2604149
Methylene Chloride	U	J4	0.0181	0.0411	1	09/19/2025 14:49	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0163	0.0411	1	09/19/2025 14:49	WG2604149



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00127	0.00165	1	09/19/2025 14:49	WG2604149
Naphthalene	U		0.0126	0.0206	1	09/19/2025 14:49	WG2604149
n-Propylbenzene	U		0.00278	0.00823	1	09/19/2025 14:49	WG2604149
Styrene	U		0.00732	0.0206	1	09/19/2025 14:49	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00214	0.00411	1	09/19/2025 14:49	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00191	0.00411	1	09/19/2025 14:49	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00462	0.00823	1	09/19/2025 14:49	WG2604149
Tetrachloroethene	U		0.00250	0.00411	1	09/19/2025 14:49	WG2604149
Toluene	U		0.00476	0.00823	1	09/19/2025 14:49	WG2604149
1,2,3-Trichlorobenzene	U		0.0115	0.0206	1	09/19/2025 14:49	WG2604149
1,2,4-Trichlorobenzene	U		0.00892	0.0206	1	09/19/2025 14:49	WG2604149
1,1,1-Trichloroethane	U		0.00239	0.00411	1	09/19/2025 14:49	WG2604149
1,1,2-Trichloroethane	U		0.00221	0.00411	1	09/19/2025 14:49	WG2604149
Trichloroethene	U		0.00147	0.00165	1	09/19/2025 14:49	WG2604149
Trichlorofluoromethane	U	J4	0.00430	0.00658	1	09/19/2025 14:49	WG2604149
1,2,3-Trichloropropane	U		0.0101	0.0206	1	09/19/2025 14:49	WG2604149
1,2,4-Trimethylbenzene	U		0.00392	0.00823	1	09/19/2025 14:49	WG2604149
1,2,3-Trimethylbenzene	U		0.00300	0.00823	1	09/19/2025 14:49	WG2604149
1,3,5-Trimethylbenzene	U		0.00375	0.00823	1	09/19/2025 14:49	WG2604149
Vinyl chloride	U		0.00331	0.00411	1	09/19/2025 14:49	WG2604149
Xylenes, Total	U		0.00461	0.0107	1	09/19/2025 14:49	WG2604149
(S) Toluene-d8	99.9			75.0-131		09/19/2025 14:49	WG2604149
(S) 4-Bromofluorobenzene	104			67.0-138		09/19/2025 14:49	WG2604149
(S) 1,2-Dichloroethane-d4	97.1			70.0-130		09/19/2025 14:49	WG2604149



Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.25	5.15	1	09/28/2025 14:18	WG2606613
C22-C32 Hydrocarbons	U		3.25	5.15	1	09/28/2025 14:18	WG2606613
C32-C40 Hydrocarbons	U		3.25	5.15	1	09/28/2025 14:18	WG2606613
(S) o-Terphenyl	51.1			18.0-148		09/28/2025 14:18	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00693	0.0428	1	09/25/2025 13:55	WG2605156
Acenaphthylene	U		0.00729	0.0428	1	09/25/2025 13:55	WG2605156
Anthracene	U		0.00526	0.0428	1	09/25/2025 13:55	WG2605156
Benzo(a)anthracene	U		0.00489	0.0428	1	09/25/2025 13:55	WG2605156
Benzo(b)fluoranthene	U		0.00697	0.0428	1	09/25/2025 13:55	WG2605156
Benzo(k)fluoranthene	U		0.00623	0.0428	1	09/25/2025 13:55	WG2605156
Benzo(g,h,i)perylene	U		0.00828	0.0428	1	09/25/2025 13:55	WG2605156
Benzo(a)pyrene	U		0.00859	0.0428	1	09/25/2025 13:55	WG2605156
Bis(2-chlorethoxy)methane	U		0.0464	0.428	1	09/25/2025 13:55	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0809	0.428	1	09/25/2025 13:55	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0419	0.428	1	09/25/2025 13:55	WG2605156
4-Bromophenyl-phenylether	U		0.0611	0.428	1	09/25/2025 13:55	WG2605156
2-Chloronaphthalene	U		0.00638	0.0428	1	09/25/2025 13:55	WG2605156
4-Chlorophenyl-phenylether	U		0.0611	0.428	1	09/25/2025 13:55	WG2605156
Chrysene	U		0.00445	0.0428	1	09/25/2025 13:55	WG2605156
Dibenz(a,h)anthracene	U		0.00756	0.0428	1	09/25/2025 13:55	WG2605156
3,3-Dichlorobenzidine	U		0.163	0.428	1	09/25/2025 13:55	WG2605156
2,4-Dinitrotoluene	U		0.0849	0.428	1	09/25/2025 13:55	WG2605156
2,6-Dinitrotoluene	U		0.0808	0.428	1	09/25/2025 13:55	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00552	0.0428	1	09/25/2025 13:55	WG2605156
Fluorene	U		0.00639	0.0428	1	09/25/2025 13:55	WG2605156
Hexachlorobenzene	U		0.0700	0.428	1	09/25/2025 13:55	WG2605156
Hexachloro-1,3-butadiene	U		0.0679	0.428	1	09/25/2025 13:55	WG2605156
Hexachlorocyclopentadiene	U	C3	0.131	0.428	1	09/25/2025 13:55	WG2605156
Hexachloroethane	U		0.0527	0.428	1	09/25/2025 13:55	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00861	0.0428	1	09/25/2025 13:55	WG2605156
Isophorone	U		0.0539	0.428	1	09/25/2025 13:55	WG2605156
Naphthalene	U		0.0108	0.0428	1	09/25/2025 13:55	WG2605156
Nitrobenzene	U		0.0579	0.428	1	09/25/2025 13:55	WG2605156
n-Nitrosodimethylamine	U		0.101	0.428	1	09/25/2025 13:55	WG2605156
n-Nitrosodiphenylamine	U		0.0549	0.428	1	09/25/2025 13:55	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0679	0.428	1	09/25/2025 13:55	WG2605156
Phenanthrene	U		0.00471	0.0428	1	09/25/2025 13:55	WG2605156
Pyridine	U		0.0716	0.428	1	09/25/2025 13:55	WG2605156
Benzylbutyl phthalate	U		0.0830	0.428	1	09/25/2025 13:55	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0845	0.428	1	09/25/2025 13:55	WG2605156
Di-n-butyl phthalate	U		0.0576	0.428	1	09/25/2025 13:55	WG2605156
Diethyl phthalate	U		0.0664	0.428	1	09/25/2025 13:55	WG2605156
Dimethyl phthalate	U		0.0575	0.428	1	09/25/2025 13:55	WG2605156
Di-n-octyl phthalate	U	C3	0.189	0.428	1	09/25/2025 13:55	WG2605156
Pyrene	U		0.00480	0.0428	1	09/25/2025 13:55	WG2605156
1,2,4-Trichlorobenzene	U		0.0508	0.428	1	09/25/2025 13:55	WG2605156
4-Chloro-3-methylphenol	U		0.0669	0.428	1	09/25/2025 13:55	WG2605156
2-Chlorophenol	U		0.0445	0.428	1	09/25/2025 13:55	WG2605156
2,4-Dichlorophenol	U		0.0565	0.428	1	09/25/2025 13:55	WG2605156
2,4-Dimethylphenol	U		0.0889	0.428	1	09/25/2025 13:55	WG2605156
4,6-Dinitro-2-methylphenol	U		0.131	0.428	1	09/25/2025 13:55	WG2605156
2,4-Dinitrophenol	U		0.163	0.428	1	09/25/2025 13:55	WG2605156
2-Methylphenol	U		0.0481	0.428	1	09/25/2025 13:55	WG2605156
3&4-Methyl Phenol	U		0.0527	0.428	1	09/25/2025 13:55	WG2605156
2-Nitrophenol	U		0.0635	0.428	1	09/25/2025 13:55	WG2605156
4-Nitrophenol	U		0.136	0.428	1	09/25/2025 13:55	WG2605156
Pentachlorophenol	U		0.0801	0.428	1	09/25/2025 13:55	WG2605156
Phenol	U		0.0729	0.428	1	09/25/2025 13:55	WG2605156
2,4,6-Trichlorophenol	U		0.102	0.428	1	09/25/2025 13:55	WG2605156
2,4,5-Trichlorophenol	U		0.105	0.428	1	09/25/2025 13:55	WG2605156
(S) 2-Fluorophenol	61.9			12.0-120		09/25/2025 13:55	WG2605156
(S) Phenol-d5	54.9			10.0-120		09/25/2025 13:55	WG2605156
(S) Nitrobenzene-d5	56.4			10.0-122		09/25/2025 13:55	WG2605156
(S) 2-Fluorobiphenyl	60.8			15.0-120		09/25/2025 13:55	WG2605156
(S) 2,4,6-Tribromophenol	67.0			10.0-127		09/25/2025 13:55	WG2605156
(S) p-Terphenyl-d14	61.5			10.0-120		09/25/2025 13:55	WG2605156



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.2		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	2.88		2.16	2.70	25	09/21/2025 16:06	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	98.8			77.0-120		09/21/2025 16:06	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0752	0.108	1	09/19/2025 15:11	WG2604149
Acrylonitrile	U		0.00867	0.0135	1	09/19/2025 15:11	WG2604149
Benzene	0.00318		0.000767	0.00108	1	09/19/2025 15:11	WG2604149
Bromobenzene	U		0.00421	0.0135	1	09/19/2025 15:11	WG2604149
Bromodichloromethane	U		0.00126	0.00270	1	09/19/2025 15:11	WG2604149
Bromoform	U		0.0107	0.0270	1	09/19/2025 15:11	WG2604149
Bromomethane	U		0.0109	0.0135	1	09/19/2025 15:11	WG2604149
n-Butylbenzene	U		0.00675	0.0135	1	09/19/2025 15:11	WG2604149
sec-Butylbenzene	U		0.00413	0.0135	1	09/19/2025 15:11	WG2604149
tert-Butylbenzene	U		0.00204	0.00540	1	09/19/2025 15:11	WG2604149
Carbon tetrachloride	U		0.00325	0.00540	1	09/19/2025 15:11	WG2604149
Chlorobenzene	U		0.000926	0.00270	1	09/19/2025 15:11	WG2604149
Chlorodibromomethane	U		0.00174	0.00270	1	09/19/2025 15:11	WG2604149
Chloroethane	U		0.00614	0.0108	1	09/19/2025 15:11	WG2604149
Chloroform	U		0.00175	0.00270	1	09/19/2025 15:11	WG2604149
Chloromethane	U		0.00918	0.0135	1	09/19/2025 15:11	WG2604149
2-Chlorotoluene	U		0.00139	0.00270	1	09/19/2025 15:11	WG2604149
4-Chlorotoluene	U		0.00166	0.00540	1	09/19/2025 15:11	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0116	0.0270	1	09/19/2025 15:11	WG2604149
1,2-Dibromoethane	U		0.00136	0.00270	1	09/19/2025 15:11	WG2604149
Dibromomethane	U		0.00192	0.00540	1	09/19/2025 15:11	WG2604149
1,2-Dichlorobenzene	U		0.00168	0.00540	1	09/19/2025 15:11	WG2604149
1,3-Dichlorobenzene	U		0.00178	0.00540	1	09/19/2025 15:11	WG2604149
1,4-Dichlorobenzene	U		0.00189	0.00540	1	09/19/2025 15:11	WG2604149
Dichlorodifluoromethane	U	C3	0.00470	0.00540	1	09/19/2025 15:11	WG2604149
1,1-Dichloroethane	U		0.00109	0.00270	1	09/19/2025 15:11	WG2604149
1,2-Dichloroethane	U		0.00158	0.00270	1	09/19/2025 15:11	WG2604149
1,1-Dichloroethene	U		0.00165	0.00270	1	09/19/2025 15:11	WG2604149
cis-1,2-Dichloroethene	U		0.00139	0.00270	1	09/19/2025 15:11	WG2604149
trans-1,2-Dichloroethene	U		0.00112	0.00540	1	09/19/2025 15:11	WG2604149
1,2-Dichloropropane	U		0.00207	0.00540	1	09/19/2025 15:11	WG2604149
1,1-Dichloropropene	U		0.00149	0.00540	1	09/19/2025 15:11	WG2604149
1,3-Dichloropropane	U		0.00175	0.00540	1	09/19/2025 15:11	WG2604149
cis-1,3-Dichloropropene	U		0.00113	0.00270	1	09/19/2025 15:11	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00113	0.00540	1	09/19/2025 15:11	WG2604149
2,2-Dichloropropane	U		0.00218	0.00270	1	09/19/2025 15:11	WG2604149
Di-isopropyl ether	U		0.000830	0.00108	1	09/19/2025 15:11	WG2604149
Ethylbenzene	0.00367		0.00107	0.00270	1	09/19/2025 15:11	WG2604149
Hexachloro-1,3-butadiene	U		0.0112	0.0270	1	09/19/2025 15:11	WG2604149
Isopropylbenzene	U		0.00109	0.00270	1	09/19/2025 15:11	WG2604149
p-Isopropyltoluene	U		0.00230	0.00540	1	09/19/2025 15:11	WG2604149
2-Butanone (MEK)	U		0.0957	0.108	1	09/19/2025 15:11	WG2604149
Methylene Chloride	U	J4	0.0119	0.0270	1	09/19/2025 15:11	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0107	0.0270	1	09/19/2025 15:11	WG2604149

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.000834	0.00108	1	09/19/2025 15:11	WG2604149
Naphthalene	0.0155		0.00824	0.0135	1	09/19/2025 15:11	WG2604149
n-Propylbenzene	0.00184	J	0.00182	0.00540	1	09/19/2025 15:11	WG2604149
Styrene	U		0.00480	0.0135	1	09/19/2025 15:11	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00140	0.00270	1	09/19/2025 15:11	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00125	0.00270	1	09/19/2025 15:11	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00303	0.00540	1	09/19/2025 15:11	WG2604149
Tetrachloroethene	U		0.00164	0.00270	1	09/19/2025 15:11	WG2604149
Toluene	0.0121		0.00312	0.00540	1	09/19/2025 15:11	WG2604149
1,2,3-Trichlorobenzene	U		0.00755	0.0135	1	09/19/2025 15:11	WG2604149
1,2,4-Trichlorobenzene	U		0.00585	0.0135	1	09/19/2025 15:11	WG2604149
1,1,1-Trichloroethane	U		0.00157	0.00270	1	09/19/2025 15:11	WG2604149
1,1,2-Trichloroethane	U		0.00145	0.00270	1	09/19/2025 15:11	WG2604149
Trichloroethene	U		0.000962	0.00108	1	09/19/2025 15:11	WG2604149
Trichlorofluoromethane	U	J4	0.00282	0.00432	1	09/19/2025 15:11	WG2604149
1,2,3-Trichloropropane	U		0.00661	0.0135	1	09/19/2025 15:11	WG2604149
1,2,4-Trimethylbenzene	0.00853		0.00257	0.00540	1	09/19/2025 15:11	WG2604149
1,2,3-Trimethylbenzene	0.00198	J	0.00196	0.00540	1	09/19/2025 15:11	WG2604149
1,3,5-Trimethylbenzene	0.00426	J	0.00246	0.00540	1	09/19/2025 15:11	WG2604149
Vinyl chloride	U		0.00217	0.00270	1	09/19/2025 15:11	WG2604149
Xylenes, Total	0.0243		0.00302	0.00702	1	09/19/2025 15:11	WG2604149
(S) Toluene-d8	100			75.0-131		09/19/2025 15:11	WG2604149
(S) 4-Bromofluorobenzene	109			67.0-138		09/19/2025 15:11	WG2604149
(S) 1,2-Dichloroethane-d4	93.9			70.0-130		09/19/2025 15:11	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		263	416	100	09/28/2025 17:35	WG2606613
C22-C32 Hydrocarbons	1010		263	416	100	09/28/2025 17:35	WG2606613
C32-C40 Hydrocarbons	1550		263	416	100	09/28/2025 17:35	WG2606613
(S) o-Terphenyl	0.000	J7		18.0-148		09/28/2025 17:35	WG2606613

Sample Narrative:

L1899525-13 WG2606613: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.281	1.74	50	09/26/2025 01:15	WG2605156
Acenaphthylene	U		0.295	1.74	50	09/26/2025 01:15	WG2605156
Anthracene	U		0.213	1.74	50	09/26/2025 01:15	WG2605156
Benzo(a)anthracene	U		0.198	1.74	50	09/26/2025 01:15	WG2605156
Benzo(b)fluoranthene	U		0.282	1.74	50	09/26/2025 01:15	WG2605156
Benzo(k)fluoranthene	U		0.252	1.74	50	09/26/2025 01:15	WG2605156
Benzo(g,h,i)perylene	U		0.335	1.74	50	09/26/2025 01:15	WG2605156
Benzo(a)pyrene	U		0.347	1.74	50	09/26/2025 01:15	WG2605156
Bis(2-chlorethoxy)methane	U		1.88	17.4	50	09/26/2025 01:15	WG2605156
Bis(2-chloroethyl)ether	U		3.28	17.4	50	09/26/2025 01:15	WG2605156
2,2-Oxybis(1-Chloropropane)	U		1.69	17.4	50	09/26/2025 01:15	WG2605156
4-Bromophenyl-phenylether	U		2.47	17.4	50	09/26/2025 01:15	WG2605156
2-Chloronaphthalene	U		0.258	1.74	50	09/26/2025 01:15	WG2605156
4-Chlorophenyl-phenylether	U		2.47	17.4	50	09/26/2025 01:15	WG2605156
Chrysene	U		0.180	1.74	50	09/26/2025 01:15	WG2605156
Dibenz(a,h)anthracene	U		0.306	1.74	50	09/26/2025 01:15	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
3,3-Dichlorobenzidine	U		6.60	17.4	50	09/26/2025 01:15	WG2605156
2,4-Dinitrotoluene	U		3.43	17.4	50	09/26/2025 01:15	WG2605156
2,6-Dinitrotoluene	U		3.26	17.4	50	09/26/2025 01:15	WG2605156
Fluoranthene	U		0.224	1.74	50	09/26/2025 01:15	WG2605156
Fluorene	U		0.259	1.74	50	09/26/2025 01:15	WG2605156
Hexachlorobenzene	U	C3	2.83	17.4	50	09/26/2025 01:15	WG2605156
Hexachloro-1,3-butadiene	U		2.74	17.4	50	09/26/2025 01:15	WG2605156
Hexachlorocyclopentadiene	U		5.30	17.4	50	09/26/2025 01:15	WG2605156
Hexachloroethane	U		2.13	17.4	50	09/26/2025 01:15	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.347	1.74	50	09/26/2025 01:15	WG2605156
Isophorone	U		2.18	17.4	50	09/26/2025 01:15	WG2605156
Naphthalene	U		0.435	1.74	50	09/26/2025 01:15	WG2605156
Nitrobenzene	U		2.34	17.4	50	09/26/2025 01:15	WG2605156
n-Nitrosodimethylamine	U	C3	4.07	17.4	50	09/26/2025 01:15	WG2605156
n-Nitrosodiphenylamine	U		2.22	17.4	50	09/26/2025 01:15	WG2605156
n-Nitrosodi-n-propylamine	U		2.74	17.4	50	09/26/2025 01:15	WG2605156
Phenanthrene	U		0.190	1.74	50	09/26/2025 01:15	WG2605156
Pyridine	U		2.90	17.4	50	09/26/2025 01:15	WG2605156
Benzylbutyl phthalate	U		3.36	17.4	50	09/26/2025 01:15	WG2605156
Bis(2-ethylhexyl)phthalate	U		3.41	17.4	50	09/26/2025 01:15	WG2605156
Di-n-butyl phthalate	U		2.33	17.4	50	09/26/2025 01:15	WG2605156
Diethyl phthalate	U		2.68	17.4	50	09/26/2025 01:15	WG2605156
Dimethyl phthalate	U		2.33	17.4	50	09/26/2025 01:15	WG2605156
Di-n-octyl phthalate	U		7.64	17.4	50	09/26/2025 01:15	WG2605156
Pyrene	U		0.194	1.74	50	09/26/2025 01:15	WG2605156
1,2,4-Trichlorobenzene	U		2.06	17.4	50	09/26/2025 01:15	WG2605156
4-Chloro-3-methylphenol	U		2.70	17.4	50	09/26/2025 01:15	WG2605156
2-Chlorophenol	U		1.80	17.4	50	09/26/2025 01:15	WG2605156
2,4-Dichlorophenol	U		2.29	17.4	50	09/26/2025 01:15	WG2605156
2,4-Dimethylphenol	U		3.59	17.4	50	09/26/2025 01:15	WG2605156
4,6-Dinitro-2-methylphenol	U		5.30	17.4	50	09/26/2025 01:15	WG2605156
2,4-Dinitrophenol	U		6.60	17.4	50	09/26/2025 01:15	WG2605156
2-Methylphenol	U		1.94	17.4	50	09/26/2025 01:15	WG2605156
3&4-Methyl Phenol	U		2.13	17.4	50	09/26/2025 01:15	WG2605156
2-Nitrophenol	U		2.57	17.4	50	09/26/2025 01:15	WG2605156
4-Nitrophenol	U		5.51	17.4	50	09/26/2025 01:15	WG2605156
Pentachlorophenol	U		3.24	17.4	50	09/26/2025 01:15	WG2605156
Phenol	U		2.95	17.4	50	09/26/2025 01:15	WG2605156
2,4,6-Trichlorophenol	U		4.14	17.4	50	09/26/2025 01:15	WG2605156
2,4,5-Trichlorophenol	U		4.23	17.4	50	09/26/2025 01:15	WG2605156
(S) 2-Fluorophenol	91.4	J7		12.0-120		09/26/2025 01:15	WG2605156
(S) Phenol-d5	90.0	J7		10.0-120		09/26/2025 01:15	WG2605156
(S) Nitrobenzene-d5	0.000	J7		10.0-122		09/26/2025 01:15	WG2605156
(S) 2-Fluorobiphenyl	65.9	J7		15.0-120		09/26/2025 01:15	WG2605156
(S) 2,4,6-Tribromophenol	43.9	J7		10.0-127		09/26/2025 01:15	WG2605156
(S) p-Terphenyl-d14	77.5	J7		10.0-120		09/26/2025 01:15	WG2605156

Sample Narrative:

L1899525-13 WG2605156: Dilution due to matrix impact during concentration procedure. Surrogate failure due to matrix.



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.3		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	3.42	<u>J</u>	3.21	4.01	25	09/21/2025 16:30	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		09/21/2025 16:30	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.112	0.160	1	09/19/2025 15:33	WG2604149
Acrylonitrile	U		0.0129	0.0201	1	09/19/2025 15:33	WG2604149
Benzene	U		0.00114	0.00160	1	09/19/2025 15:33	WG2604149
Bromobenzene	U		0.00626	0.0201	1	09/19/2025 15:33	WG2604149
Bromodichloromethane	U		0.00188	0.00401	1	09/19/2025 15:33	WG2604149
Bromoform	U		0.0159	0.0401	1	09/19/2025 15:33	WG2604149
Bromomethane	U		0.0162	0.0201	1	09/19/2025 15:33	WG2604149
n-Butylbenzene	U		0.0100	0.0201	1	09/19/2025 15:33	WG2604149
sec-Butylbenzene	U		0.00615	0.0201	1	09/19/2025 15:33	WG2604149
tert-Butylbenzene	U		0.00303	0.00802	1	09/19/2025 15:33	WG2604149
Carbon tetrachloride	U		0.00483	0.00802	1	09/19/2025 15:33	WG2604149
Chlorobenzene	U		0.00138	0.00401	1	09/19/2025 15:33	WG2604149
Chlorodibromomethane	U		0.00258	0.00401	1	09/19/2025 15:33	WG2604149
Chloroethane	U		0.00913	0.0160	1	09/19/2025 15:33	WG2604149
Chloroform	U		0.00260	0.00401	1	09/19/2025 15:33	WG2604149
Chloromethane	U		0.0136	0.0201	1	09/19/2025 15:33	WG2604149
2-Chlorotoluene	U		0.00207	0.00401	1	09/19/2025 15:33	WG2604149
4-Chlorotoluene	U		0.00247	0.00802	1	09/19/2025 15:33	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0172	0.0401	1	09/19/2025 15:33	WG2604149
1,2-Dibromoethane	U		0.00202	0.00401	1	09/19/2025 15:33	WG2604149
Dibromomethane	U		0.00286	0.00802	1	09/19/2025 15:33	WG2604149
1,2-Dichlorobenzene	U		0.00250	0.00802	1	09/19/2025 15:33	WG2604149
1,3-Dichlorobenzene	U		0.00265	0.00802	1	09/19/2025 15:33	WG2604149
1,4-Dichlorobenzene	U		0.00281	0.00802	1	09/19/2025 15:33	WG2604149
Dichlorodifluoromethane	U	<u>C3</u>	0.00698	0.00802	1	09/19/2025 15:33	WG2604149
1,1-Dichloroethane	U		0.00162	0.00401	1	09/19/2025 15:33	WG2604149
1,2-Dichloroethane	U		0.00234	0.00401	1	09/19/2025 15:33	WG2604149
1,1-Dichloroethene	U		0.00245	0.00401	1	09/19/2025 15:33	WG2604149
cis-1,2-Dichloroethene	U		0.00207	0.00401	1	09/19/2025 15:33	WG2604149
trans-1,2-Dichloroethene	U		0.00167	0.00802	1	09/19/2025 15:33	WG2604149
1,2-Dichloropropane	U		0.00308	0.00802	1	09/19/2025 15:33	WG2604149
1,1-Dichloropropene	U		0.00221	0.00802	1	09/19/2025 15:33	WG2604149
1,3-Dichloropropane	U		0.00260	0.00802	1	09/19/2025 15:33	WG2604149
cis-1,3-Dichloropropene	U		0.00168	0.00401	1	09/19/2025 15:33	WG2604149
trans-1,3-Dichloropropene	U	<u>J4</u>	0.00168	0.00802	1	09/19/2025 15:33	WG2604149
2,2-Dichloropropane	U		0.00324	0.00401	1	09/19/2025 15:33	WG2604149
Di-isopropyl ether	U		0.00123	0.00160	1	09/19/2025 15:33	WG2604149
Ethylbenzene	U		0.00158	0.00401	1	09/19/2025 15:33	WG2604149
Hexachloro-1,3-butadiene	U		0.0167	0.0401	1	09/19/2025 15:33	WG2604149
Isopropylbenzene	U		0.00162	0.00401	1	09/19/2025 15:33	WG2604149
p-Isopropyltoluene	U		0.00342	0.00802	1	09/19/2025 15:33	WG2604149
2-Butanone (MEK)	U		0.142	0.160	1	09/19/2025 15:33	WG2604149
Methylene Chloride	U	<u>J4</u>	0.0176	0.0401	1	09/19/2025 15:33	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0159	0.0401	1	09/19/2025 15:33	WG2604149

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00124	0.00160	1	09/19/2025 15:33	WG2604149
Naphthalene	U		0.0122	0.0201	1	09/19/2025 15:33	WG2604149
n-Propylbenzene	U		0.00271	0.00802	1	09/19/2025 15:33	WG2604149
Styrene	U		0.00714	0.0201	1	09/19/2025 15:33	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00209	0.00401	1	09/19/2025 15:33	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00186	0.00401	1	09/19/2025 15:33	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00451	0.00802	1	09/19/2025 15:33	WG2604149
Tetrachloroethene	0.0107	C5	0.00244	0.00401	1	09/19/2025 15:33	WG2604149
Toluene	U		0.00464	0.00802	1	09/19/2025 15:33	WG2604149
1,2,3-Trichlorobenzene	U		0.0112	0.0201	1	09/19/2025 15:33	WG2604149
1,2,4-Trichlorobenzene	U		0.00870	0.0201	1	09/19/2025 15:33	WG2604149
1,1,1-Trichloroethane	U		0.00233	0.00401	1	09/19/2025 15:33	WG2604149
1,1,2-Trichloroethane	U		0.00215	0.00401	1	09/19/2025 15:33	WG2604149
Trichloroethene	U		0.00143	0.00160	1	09/19/2025 15:33	WG2604149
Trichlorofluoromethane	U	J4	0.00419	0.00642	1	09/19/2025 15:33	WG2604149
1,2,3-Trichloropropane	U		0.00982	0.0201	1	09/19/2025 15:33	WG2604149
1,2,4-Trimethylbenzene	U		0.00382	0.00802	1	09/19/2025 15:33	WG2604149
1,2,3-Trimethylbenzene	U		0.00292	0.00802	1	09/19/2025 15:33	WG2604149
1,3,5-Trimethylbenzene	U		0.00366	0.00802	1	09/19/2025 15:33	WG2604149
Vinyl chloride	U		0.00323	0.00401	1	09/19/2025 15:33	WG2604149
Xylenes, Total	U		0.00449	0.0104	1	09/19/2025 15:33	WG2604149
(S) Toluene-d8	99.1			75.0-131		09/19/2025 15:33	WG2604149
(S) 4-Bromofluorobenzene	116			67.0-138		09/19/2025 15:33	WG2604149
(S) 1,2-Dichloroethane-d4	87.4			70.0-130		09/19/2025 15:33	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	6.69		3.23	5.11	1	09/28/2025 16:53	WG2606613
C22-C32 Hydrocarbons	30.4		3.23	5.11	1	09/28/2025 16:53	WG2606613
C32-C40 Hydrocarbons	34.5		3.23	5.11	1	09/28/2025 16:53	WG2606613
(S) o-Terphenyl	40.0			18.0-148		09/28/2025 16:53	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0138	0.0850	2	09/25/2025 17:41	WG2605156
Acenaphthylene	U		0.0144	0.0850	2	09/25/2025 17:41	WG2605156
Anthracene	U		0.0104	0.0850	2	09/25/2025 17:41	WG2605156
Benzo(a)anthracene	U		0.00970	0.0850	2	09/25/2025 17:41	WG2605156
Benzo(b)fluoranthene	U		0.0138	0.0850	2	09/25/2025 17:41	WG2605156
Benzo(k)fluoranthene	U		0.0124	0.0850	2	09/25/2025 17:41	WG2605156
Benzo(g,h,i)perylene	U		0.0165	0.0850	2	09/25/2025 17:41	WG2605156
Benzo(a)pyrene	U		0.0171	0.0850	2	09/25/2025 17:41	WG2605156
Bis(2-chloroethoxy)methane	U		0.0922	0.850	2	09/25/2025 17:41	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.161	0.850	2	09/25/2025 17:41	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0832	0.850	2	09/25/2025 17:41	WG2605156
4-Bromophenyl-phenylether	U		0.121	0.850	2	09/25/2025 17:41	WG2605156
2-Chloronaphthalene	U		0.0127	0.0850	2	09/25/2025 17:41	WG2605156
4-Chlorophenyl-phenylether	U		0.121	0.850	2	09/25/2025 17:41	WG2605156
Chrysene	U		0.00883	0.0850	2	09/25/2025 17:41	WG2605156
Dibenz(a,h)anthracene	U		0.0151	0.0850	2	09/25/2025 17:41	WG2605156
3,3-Dichlorobenzidine	U		0.324	0.850	2	09/25/2025 17:41	WG2605156
2,4-Dinitrotoluene	U		0.169	0.850	2	09/25/2025 17:41	WG2605156
2,6-Dinitrotoluene	U		0.161	0.850	2	09/25/2025 17:41	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.0110	0.0850	2	09/25/2025 17:41	WG2605156
Fluorene	U		0.0127	0.0850	2	09/25/2025 17:41	WG2605156
Hexachlorobenzene	U		0.139	0.850	2	09/25/2025 17:41	WG2605156
Hexachloro-1,3-butadiene	U		0.135	0.850	2	09/25/2025 17:41	WG2605156
Hexachlorocyclopentadiene	U	C3	0.260	0.850	2	09/25/2025 17:41	WG2605156
Hexachloroethane	U		0.105	0.850	2	09/25/2025 17:41	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.0171	0.0850	2	09/25/2025 17:41	WG2605156
Isophorone	U		0.107	0.850	2	09/25/2025 17:41	WG2605156
Naphthalene	U		0.0213	0.0850	2	09/25/2025 17:41	WG2605156
Nitrobenzene	U		0.115	0.850	2	09/25/2025 17:41	WG2605156
n-Nitrosodimethylamine	U		0.199	0.850	2	09/25/2025 17:41	WG2605156
n-Nitrosodiphenylamine	U		0.109	0.850	2	09/25/2025 17:41	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.135	0.850	2	09/25/2025 17:41	WG2605156
Phenanthrene	U		0.00935	0.0850	2	09/25/2025 17:41	WG2605156
Pyridine	U		0.142	0.850	2	09/25/2025 17:41	WG2605156
Benzylbutyl phthalate	U		0.165	0.850	2	09/25/2025 17:41	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.167	0.850	2	09/25/2025 17:41	WG2605156
Di-n-butyl phthalate	U		0.114	0.850	2	09/25/2025 17:41	WG2605156
Diethyl phthalate	U		0.131	0.850	2	09/25/2025 17:41	WG2605156
Dimethyl phthalate	U		0.114	0.850	2	09/25/2025 17:41	WG2605156
Di-n-octyl phthalate	U	C3	0.375	0.850	2	09/25/2025 17:41	WG2605156
Pyrene	U		0.00952	0.0850	2	09/25/2025 17:41	WG2605156
1,2,4-Trichlorobenzene	U		0.101	0.850	2	09/25/2025 17:41	WG2605156
4-Chloro-3-methylphenol	U		0.133	0.850	2	09/25/2025 17:41	WG2605156
2-Chlorophenol	U		0.0883	0.850	2	09/25/2025 17:41	WG2605156
2,4-Dichlorophenol	U		0.112	0.850	2	09/25/2025 17:41	WG2605156
2,4-Dimethylphenol	U		0.176	0.850	2	09/25/2025 17:41	WG2605156
4,6-Dinitro-2-methylphenol	U		0.260	0.850	2	09/25/2025 17:41	WG2605156
2,4-Dinitrophenol	U		0.324	0.850	2	09/25/2025 17:41	WG2605156
2-Methylphenol	U		0.0955	0.850	2	09/25/2025 17:41	WG2605156
3&4-Methyl Phenol	U		0.105	0.850	2	09/25/2025 17:41	WG2605156
2-Nitrophenol	U		0.126	0.850	2	09/25/2025 17:41	WG2605156
4-Nitrophenol	U		0.271	0.850	2	09/25/2025 17:41	WG2605156
Pentachlorophenol	U		0.160	0.850	2	09/25/2025 17:41	WG2605156
Phenol	U		0.144	0.850	2	09/25/2025 17:41	WG2605156
2,4,6-Trichlorophenol	U		0.203	0.850	2	09/25/2025 17:41	WG2605156
2,4,5-Trichlorophenol	U		0.208	0.850	2	09/25/2025 17:41	WG2605156
(S) 2-Fluorophenol	48.6			12.0-120		09/25/2025 17:41	WG2605156
(S) Phenol-d5	50.6			10.0-120		09/25/2025 17:41	WG2605156
(S) Nitrobenzene-d5	52.3			10.0-122		09/25/2025 17:41	WG2605156
(S) 2-Fluorobiphenyl	62.2			15.0-120		09/25/2025 17:41	WG2605156
(S) 2,4,6-Tribromophenol	84.5			10.0-127		09/25/2025 17:41	WG2605156
(S) p-Terphenyl-d14	66.3			10.0-120		09/25/2025 17:41	WG2605156

Sample Narrative:

L1899525-14 WG2605156: Dilution due to matrix impact during extract concentration procedure.



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	95.5		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	2.50	<u>J</u>	2.46	3.07	28.2	09/21/2025 16:53	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	98.9			77.0-120		09/21/2025 16:53	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.343	0.492	4.52	09/19/2025 19:30	WG2604149
Acrylonitrile	U		0.0395	0.0615	4.52	09/19/2025 19:30	WG2604149
Benzene	U		0.00349	0.00492	4.52	09/19/2025 19:30	WG2604149
Bromobenzene	U		0.0192	0.0615	4.52	09/19/2025 19:30	WG2604149
Bromodichloromethane	U		0.00576	0.0123	4.52	09/19/2025 19:30	WG2604149
Bromoform	U		0.0488	0.123	4.52	09/19/2025 19:30	WG2604149
Bromomethane	U		0.0498	0.0615	4.52	09/19/2025 19:30	WG2604149
n-Butylbenzene	U		0.0308	0.0615	4.52	09/19/2025 19:30	WG2604149
sec-Butylbenzene	U		0.0188	0.0615	4.52	09/19/2025 19:30	WG2604149
tert-Butylbenzene	U		0.00930	0.0246	4.52	09/19/2025 19:30	WG2604149
Carbon tetrachloride	U		0.0148	0.0246	4.52	09/19/2025 19:30	WG2604149
Chlorobenzene	U		0.00422	0.0123	4.52	09/19/2025 19:30	WG2604149
Chlorodibromomethane	U		0.00793	0.0123	4.52	09/19/2025 19:30	WG2604149
Chloroethane	U		0.0280	0.0492	4.52	09/19/2025 19:30	WG2604149
Chloroform	U		0.00797	0.0123	4.52	09/19/2025 19:30	WG2604149
Chloromethane	U		0.0418	0.0615	4.52	09/19/2025 19:30	WG2604149
2-Chlorotoluene	U		0.00635	0.0123	4.52	09/19/2025 19:30	WG2604149
4-Chlorotoluene	U		0.00758	0.0246	4.52	09/19/2025 19:30	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0527	0.123	4.52	09/19/2025 19:30	WG2604149
1,2-Dibromoethane	U		0.00621	0.0123	4.52	09/19/2025 19:30	WG2604149
Dibromomethane	U		0.00876	0.0246	4.52	09/19/2025 19:30	WG2604149
1,2-Dichlorobenzene	U		0.00768	0.0246	4.52	09/19/2025 19:30	WG2604149
1,3-Dichlorobenzene	U		0.00812	0.0246	4.52	09/19/2025 19:30	WG2604149
1,4-Dichlorobenzene	U		0.00861	0.0246	4.52	09/19/2025 19:30	WG2604149
Dichlorodifluoromethane	U	<u>C3</u>	0.0214	0.0246	4.52	09/19/2025 19:30	WG2604149
1,1-Dichloroethane	U		0.00498	0.0123	4.52	09/19/2025 19:30	WG2604149
1,2-Dichloroethane	U		0.00719	0.0123	4.52	09/19/2025 19:30	WG2604149
1,1-Dichloroethene	U		0.00753	0.0123	4.52	09/19/2025 19:30	WG2604149
cis-1,2-Dichloroethene	U		0.00635	0.0123	4.52	09/19/2025 19:30	WG2604149
trans-1,2-Dichloroethene	U		0.00512	0.0246	4.52	09/19/2025 19:30	WG2604149
1,2-Dichloropropane	U		0.00945	0.0246	4.52	09/19/2025 19:30	WG2604149
1,1-Dichloropropene	U		0.00679	0.0246	4.52	09/19/2025 19:30	WG2604149
1,3-Dichloropropane	U		0.00797	0.0246	4.52	09/19/2025 19:30	WG2604149
cis-1,3-Dichloropropene	U		0.00517	0.0123	4.52	09/19/2025 19:30	WG2604149
trans-1,3-Dichloropropene	U	<u>J4</u>	0.00517	0.0246	4.52	09/19/2025 19:30	WG2604149
2,2-Dichloropropane	U		0.00994	0.0123	4.52	09/19/2025 19:30	WG2604149
Di-isopropyl ether	U		0.00379	0.00492	4.52	09/19/2025 19:30	WG2604149
Ethylbenzene	U		0.00486	0.0123	4.52	09/19/2025 19:30	WG2604149
Hexachloro-1,3-butadiene	U		0.0513	0.123	4.52	09/19/2025 19:30	WG2604149
Isopropylbenzene	U		0.00498	0.0123	4.52	09/19/2025 19:30	WG2604149
p-Isopropyltoluene	U		0.0105	0.0246	4.52	09/19/2025 19:30	WG2604149
2-Butanone (MEK)	U		0.437	0.492	4.52	09/19/2025 19:30	WG2604149
Methylene Chloride	U	<u>J4</u>	0.0541	0.123	4.52	09/19/2025 19:30	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0488	0.123	4.52	09/19/2025 19:30	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00380	0.00492	4.52	09/19/2025 19:30	WG2604149
Naphthalene	U		0.0376	0.0615	4.52	09/19/2025 19:30	WG2604149
n-Propylbenzene	U		0.00832	0.0246	4.52	09/19/2025 19:30	WG2604149
Styrene	U		0.0219	0.0615	4.52	09/19/2025 19:30	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00640	0.0123	4.52	09/19/2025 19:30	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00571	0.0123	4.52	09/19/2025 19:30	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.0138	0.0246	4.52	09/19/2025 19:30	WG2604149
Tetrachloroethene	U		0.00748	0.0123	4.52	09/19/2025 19:30	WG2604149
Toluene	U		0.0143	0.0246	4.52	09/19/2025 19:30	WG2604149
1,2,3-Trichlorobenzene	U		0.0344	0.0615	4.52	09/19/2025 19:30	WG2604149
1,2,4-Trichlorobenzene	U		0.0267	0.0615	4.52	09/19/2025 19:30	WG2604149
1,1,1-Trichloroethane	U		0.00713	0.0123	4.52	09/19/2025 19:30	WG2604149
1,1,2-Trichloroethane	U		0.00660	0.0123	4.52	09/19/2025 19:30	WG2604149
Trichloroethene	U		0.00439	0.00492	4.52	09/19/2025 19:30	WG2604149
Trichlorofluoromethane	U	J4	0.0128	0.0197	4.52	09/19/2025 19:30	WG2604149
1,2,3-Trichloropropane	U		0.0302	0.0615	4.52	09/19/2025 19:30	WG2604149
1,2,4-Trimethylbenzene	U		0.0118	0.0246	4.52	09/19/2025 19:30	WG2604149
1,2,3-Trimethylbenzene	U		0.00896	0.0246	4.52	09/19/2025 19:30	WG2604149
1,3,5-Trimethylbenzene	U		0.0112	0.0246	4.52	09/19/2025 19:30	WG2604149
Vinyl chloride	U		0.00990	0.0123	4.52	09/19/2025 19:30	WG2604149
Xylenes, Total	U		0.0138	0.0320	4.52	09/19/2025 19:30	WG2604149
(S) Toluene-d8	97.8			75.0-131		09/19/2025 19:30	WG2604149
(S) 4-Bromofluorobenzene	103			67.0-138		09/19/2025 19:30	WG2604149
(S) 1,2-Dichloroethane-d4	102			70.0-130		09/19/2025 19:30	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Sample Narrative:

L1899525-15 WG2604149: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		530	838	200	09/28/2025 18:03	WG2606613
C22-C32 Hydrocarbons	1700		530	838	200	09/28/2025 18:03	WG2606613
C32-C40 Hydrocarbons	2620		530	838	200	09/28/2025 18:03	WG2606613
(S) o-Terphenyl	0.000	J7		18.0-148		09/28/2025 18:03	WG2606613

Sample Narrative:

L1899525-15 WG2606613: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.283	1.75	50	09/26/2025 01:35	WG2605156
Acenaphthylene	U		0.297	1.75	50	09/26/2025 01:35	WG2605156
Anthracene	U		0.215	1.75	50	09/26/2025 01:35	WG2605156
Benzo(a)anthracene	0.207	J	0.199	1.75	50	09/26/2025 01:35	WG2605156
Benzo(b)fluoranthene	U		0.284	1.75	50	09/26/2025 01:35	WG2605156
Benzo(k)fluoranthene	U		0.253	1.75	50	09/26/2025 01:35	WG2605156
Benzo(g,h,i)perylene	U		0.337	1.75	50	09/26/2025 01:35	WG2605156
Benzo(a)pyrene	U		0.350	1.75	50	09/26/2025 01:35	WG2605156
Bis(2-chlorethoxy)methane	U		1.90	17.5	50	09/26/2025 01:35	WG2605156
Bis(2-chloroethyl)ether	U		3.30	17.5	50	09/26/2025 01:35	WG2605156
2,2-Oxybis(1-Chloropropane)	U		1.71	17.5	50	09/26/2025 01:35	WG2605156
4-Bromophenyl-phenylether	U		2.49	17.5	50	09/26/2025 01:35	WG2605156
2-Chloronaphthalene	U		0.260	1.75	50	09/26/2025 01:35	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorophenyl-phenylether	U		2.49	17.5	50	09/26/2025 01:35	WG2605156
Chrysene	U		0.181	1.75	50	09/26/2025 01:35	WG2605156
Dibenz(a,h)anthracene	U		0.308	1.75	50	09/26/2025 01:35	WG2605156
3,3-Dichlorobenzidine	U		6.65	17.5	50	09/26/2025 01:35	WG2605156
2,4-Dinitrotoluene	U		3.46	17.5	50	09/26/2025 01:35	WG2605156
2,6-Dinitrotoluene	U		3.29	17.5	50	09/26/2025 01:35	WG2605156
Fluoranthene	U		0.225	1.75	50	09/26/2025 01:35	WG2605156
Fluorene	U		0.261	1.75	50	09/26/2025 01:35	WG2605156
Hexachlorobenzene	U	C3	2.85	17.5	50	09/26/2025 01:35	WG2605156
Hexachloro-1,3-butadiene	U		2.76	17.5	50	09/26/2025 01:35	WG2605156
Hexachlorocyclopentadiene	U		5.34	17.5	50	09/26/2025 01:35	WG2605156
Hexachloroethane	U		2.15	17.5	50	09/26/2025 01:35	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.350	1.75	50	09/26/2025 01:35	WG2605156
Isophorone	U		2.20	17.5	50	09/26/2025 01:35	WG2605156
Naphthalene	U		0.438	1.75	50	09/26/2025 01:35	WG2605156
Nitrobenzene	U		2.36	17.5	50	09/26/2025 01:35	WG2605156
n-Nitrosodimethylamine	U	C3	4.09	17.5	50	09/26/2025 01:35	WG2605156
n-Nitrosodiphenylamine	U		2.24	17.5	50	09/26/2025 01:35	WG2605156
n-Nitrosodi-n-propylamine	U		2.76	17.5	50	09/26/2025 01:35	WG2605156
Phenanthrene	U		0.192	1.75	50	09/26/2025 01:35	WG2605156
Pyridine	U		2.92	17.5	50	09/26/2025 01:35	WG2605156
Benzylbutyl phthalate	U		3.38	17.5	50	09/26/2025 01:35	WG2605156
Bis(2-ethylhexyl)phthalate	U		3.43	17.5	50	09/26/2025 01:35	WG2605156
Di-n-butyl phthalate	U		2.35	17.5	50	09/26/2025 01:35	WG2605156
Diethyl phthalate	U		2.70	17.5	50	09/26/2025 01:35	WG2605156
Dimethyl phthalate	U		2.35	17.5	50	09/26/2025 01:35	WG2605156
Di-n-octyl phthalate	U		7.70	17.5	50	09/26/2025 01:35	WG2605156
Pyrene	U		0.196	1.75	50	09/26/2025 01:35	WG2605156
1,2,4-Trichlorobenzene	U		2.07	17.5	50	09/26/2025 01:35	WG2605156
4-Chloro-3-methylphenol	U		2.72	17.5	50	09/26/2025 01:35	WG2605156
2-Chlorophenol	U		1.81	17.5	50	09/26/2025 01:35	WG2605156
2,4-Dichlorophenol	U		2.30	17.5	50	09/26/2025 01:35	WG2605156
2,4-Dimethylphenol	U		3.61	17.5	50	09/26/2025 01:35	WG2605156
4,6-Dinitro-2-methylphenol	U		5.34	17.5	50	09/26/2025 01:35	WG2605156
2,4-Dinitrophenol	U		6.65	17.5	50	09/26/2025 01:35	WG2605156
2-Methylphenol	U		1.96	17.5	50	09/26/2025 01:35	WG2605156
3&4-Methyl Phenol	U		2.15	17.5	50	09/26/2025 01:35	WG2605156
2-Nitrophenol	U		2.59	17.5	50	09/26/2025 01:35	WG2605156
4-Nitrophenol	U		5.55	17.5	50	09/26/2025 01:35	WG2605156
Pentachlorophenol	U		3.27	17.5	50	09/26/2025 01:35	WG2605156
Phenol	U		2.97	17.5	50	09/26/2025 01:35	WG2605156
2,4,6-Trichlorophenol	U		4.17	17.5	50	09/26/2025 01:35	WG2605156
2,4,5-Trichlorophenol	U		4.26	17.5	50	09/26/2025 01:35	WG2605156
(S) 2-Fluorophenol	98.0	J7		12.0-120		09/26/2025 01:35	WG2605156
(S) Phenol-d5	35.3	J7		10.0-120		09/26/2025 01:35	WG2605156
(S) Nitrobenzene-d5	97.0	J7		10.0-122		09/26/2025 01:35	WG2605156
(S) 2-Fluorobiphenyl	59.1	J7		15.0-120		09/26/2025 01:35	WG2605156
(S) 2,4,6-Tribromophenol	59.2	J7		10.0-127		09/26/2025 01:35	WG2605156
(S) p-Terphenyl-d14	71.5	J7		10.0-120		09/26/2025 01:35	WG2605156

Sample Narrative:

L1899525-15 WG2605156: Dilution due to matrix impact during extract concentration procedure.



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.4		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	U		2.96	3.70	25	09/21/2025 17:17	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		09/21/2025 17:17	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.103	0.148	1	09/19/2025 15:55	WG2604149
Acrylonitrile	U		0.0119	0.0185	1	09/19/2025 15:55	WG2604149
Benzene	U		0.00105	0.00148	1	09/19/2025 15:55	WG2604149
Bromobenzene	U		0.00578	0.0185	1	09/19/2025 15:55	WG2604149
Bromodichloromethane	U		0.00173	0.00370	1	09/19/2025 15:55	WG2604149
Bromoform	U		0.0147	0.0370	1	09/19/2025 15:55	WG2604149
Bromomethane	U		0.0150	0.0185	1	09/19/2025 15:55	WG2604149
n-Butylbenzene	U		0.00926	0.0185	1	09/19/2025 15:55	WG2604149
sec-Butylbenzene	U		0.00567	0.0185	1	09/19/2025 15:55	WG2604149
tert-Butylbenzene	U		0.00280	0.00741	1	09/19/2025 15:55	WG2604149
Carbon tetrachloride	U		0.00446	0.00741	1	09/19/2025 15:55	WG2604149
Chlorobenzene	U		0.00127	0.00370	1	09/19/2025 15:55	WG2604149
Chlorodibromomethane	U		0.00238	0.00370	1	09/19/2025 15:55	WG2604149
Chloroethane	U		0.00843	0.0148	1	09/19/2025 15:55	WG2604149
Chloroform	U		0.00240	0.00370	1	09/19/2025 15:55	WG2604149
Chloromethane	U		0.0126	0.0185	1	09/19/2025 15:55	WG2604149
2-Chlorotoluene	U		0.00191	0.00370	1	09/19/2025 15:55	WG2604149
4-Chlorotoluene	U		0.00228	0.00741	1	09/19/2025 15:55	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0158	0.0370	1	09/19/2025 15:55	WG2604149
1,2-Dibromoethane	U		0.00187	0.00370	1	09/19/2025 15:55	WG2604149
Dibromomethane	U		0.00264	0.00741	1	09/19/2025 15:55	WG2604149
1,2-Dichlorobenzene	U		0.00231	0.00741	1	09/19/2025 15:55	WG2604149
1,3-Dichlorobenzene	U		0.00244	0.00741	1	09/19/2025 15:55	WG2604149
1,4-Dichlorobenzene	U		0.00259	0.00741	1	09/19/2025 15:55	WG2604149
Dichlorodifluoromethane	U	C3	0.00644	0.00741	1	09/19/2025 15:55	WG2604149
1,1-Dichloroethane	U		0.00150	0.00370	1	09/19/2025 15:55	WG2604149
1,2-Dichloroethane	U		0.00216	0.00370	1	09/19/2025 15:55	WG2604149
1,1-Dichloroethene	U		0.00227	0.00370	1	09/19/2025 15:55	WG2604149
cis-1,2-Dichloroethene	U		0.00191	0.00370	1	09/19/2025 15:55	WG2604149
trans-1,2-Dichloroethene	U		0.00154	0.00741	1	09/19/2025 15:55	WG2604149
1,2-Dichloropropane	U		0.00284	0.00741	1	09/19/2025 15:55	WG2604149
1,1-Dichloropropene	U		0.00204	0.00741	1	09/19/2025 15:55	WG2604149
1,3-Dichloropropane	U		0.00240	0.00741	1	09/19/2025 15:55	WG2604149
cis-1,3-Dichloropropene	U		0.00156	0.00370	1	09/19/2025 15:55	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00156	0.00741	1	09/19/2025 15:55	WG2604149
2,2-Dichloropropane	U		0.00299	0.00370	1	09/19/2025 15:55	WG2604149
Di-isopropyl ether	U		0.00114	0.00148	1	09/19/2025 15:55	WG2604149
Ethylbenzene	U		0.00146	0.00370	1	09/19/2025 15:55	WG2604149
Hexachloro-1,3-butadiene	U		0.0154	0.0370	1	09/19/2025 15:55	WG2604149
Isopropylbenzene	U		0.00150	0.00370	1	09/19/2025 15:55	WG2604149
p-Isopropyltoluene	U		0.00316	0.00741	1	09/19/2025 15:55	WG2604149
2-Butanone (MEK)	U		0.131	0.148	1	09/19/2025 15:55	WG2604149
Methylene Chloride	U	J4	0.0163	0.0370	1	09/19/2025 15:55	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0147	0.0370	1	09/19/2025 15:55	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00115	0.00148	1	09/19/2025 15:55	WG2604149
Naphthalene	U		0.0113	0.0185	1	09/19/2025 15:55	WG2604149
n-Propylbenzene	U		0.00250	0.00741	1	09/19/2025 15:55	WG2604149
Styrene	U		0.00659	0.0185	1	09/19/2025 15:55	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00193	0.00370	1	09/19/2025 15:55	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00172	0.00370	1	09/19/2025 15:55	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00416	0.00741	1	09/19/2025 15:55	WG2604149
Tetrachloroethene	0.0268	C5	0.00225	0.00370	1	09/19/2025 15:55	WG2604149
Toluene	U		0.00428	0.00741	1	09/19/2025 15:55	WG2604149
1,2,3-Trichlorobenzene	U		0.0104	0.0185	1	09/19/2025 15:55	WG2604149
1,2,4-Trichlorobenzene	U		0.00803	0.0185	1	09/19/2025 15:55	WG2604149
1,1,1-Trichloroethane	U		0.00215	0.00370	1	09/19/2025 15:55	WG2604149
1,1,2-Trichloroethane	U		0.00198	0.00370	1	09/19/2025 15:55	WG2604149
Trichloroethene	U		0.00132	0.00148	1	09/19/2025 15:55	WG2604149
Trichlorofluoromethane	U	J4	0.00387	0.00593	1	09/19/2025 15:55	WG2604149
1,2,3-Trichloropropane	U		0.00907	0.0185	1	09/19/2025 15:55	WG2604149
1,2,4-Trimethylbenzene	U		0.00353	0.00741	1	09/19/2025 15:55	WG2604149
1,2,3-Trimethylbenzene	U		0.00270	0.00741	1	09/19/2025 15:55	WG2604149
1,3,5-Trimethylbenzene	U		0.00338	0.00741	1	09/19/2025 15:55	WG2604149
Vinyl chloride	U		0.00298	0.00370	1	09/19/2025 15:55	WG2604149
Xylenes, Total	U		0.00415	0.00963	1	09/19/2025 15:55	WG2604149
(S) Toluene-d8	101			75.0-131		09/19/2025 15:55	WG2604149
(S) 4-Bromofluorobenzene	111			67.0-138		09/19/2025 15:55	WG2604149
(S) 1,2-Dichloroethane-d4	100			70.0-130		09/19/2025 15:55	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	5.20		3.11	4.91	1	09/28/2025 17:07	WG2606613
C22-C32 Hydrocarbons	34.9		3.11	4.91	1	09/28/2025 17:07	WG2606613
C32-C40 Hydrocarbons	45.1		3.11	4.91	1	09/28/2025 17:07	WG2606613
(S) o-Terphenyl	43.7			18.0-148		09/28/2025 17:07	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00662	0.0409	1	09/25/2025 16:40	WG2605156
Acenaphthylene	U		0.00697	0.0409	1	09/25/2025 16:40	WG2605156
Anthracene	U		0.00503	0.0409	1	09/25/2025 16:40	WG2605156
Benzo(a)anthracene	U		0.00467	0.0409	1	09/25/2025 16:40	WG2605156
Benzo(b)fluoranthene	U		0.00666	0.0409	1	09/25/2025 16:40	WG2605156
Benzo(k)fluoranthene	U		0.00595	0.0409	1	09/25/2025 16:40	WG2605156
Benzo(g,h,i)perylene	U		0.00791	0.0409	1	09/25/2025 16:40	WG2605156
Benzo(a)pyrene	U		0.00821	0.0409	1	09/25/2025 16:40	WG2605156
Bis(2-chlorethoxy)methane	U		0.0444	0.409	1	09/25/2025 16:40	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0773	0.409	1	09/25/2025 16:40	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0401	0.409	1	09/25/2025 16:40	WG2605156
4-Bromophenyl-phenylether	U		0.0584	0.409	1	09/25/2025 16:40	WG2605156
2-Chloronaphthalene	U		0.00609	0.0409	1	09/25/2025 16:40	WG2605156
4-Chlorophenyl-phenylether	U		0.0584	0.409	1	09/25/2025 16:40	WG2605156
Chrysene	U		0.00425	0.0409	1	09/25/2025 16:40	WG2605156
Dibenz(a,h)anthracene	U		0.00722	0.0409	1	09/25/2025 16:40	WG2605156
3,3-Dichlorobenzidine	U		0.156	0.409	1	09/25/2025 16:40	WG2605156
2,4-Dinitrotoluene	U		0.0811	0.409	1	09/25/2025 16:40	WG2605156
2,6-Dinitrotoluene	U		0.0772	0.409	1	09/25/2025 16:40	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00527	0.0409	1	09/25/2025 16:40	WG2605156
Fluorene	U		0.00611	0.0409	1	09/25/2025 16:40	WG2605156
Hexachlorobenzene	U		0.0668	0.409	1	09/25/2025 16:40	WG2605156
Hexachloro-1,3-butadiene	U		0.0649	0.409	1	09/25/2025 16:40	WG2605156
Hexachlorocyclopentadiene	U	C3	0.125	0.409	1	09/25/2025 16:40	WG2605156
Hexachloroethane	U		0.0504	0.409	1	09/25/2025 16:40	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00822	0.0409	1	09/25/2025 16:40	WG2605156
Isophorone	U		0.0515	0.409	1	09/25/2025 16:40	WG2605156
Naphthalene	U		0.0103	0.0409	1	09/25/2025 16:40	WG2605156
Nitrobenzene	U		0.0553	0.409	1	09/25/2025 16:40	WG2605156
n-Nitrosodimethylamine	U		0.0961	0.409	1	09/25/2025 16:40	WG2605156
n-Nitrosodiphenylamine	U		0.0525	0.409	1	09/25/2025 16:40	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0649	0.409	1	09/25/2025 16:40	WG2605156
Phenanthrene	0.00893	U	0.00450	0.0409	1	09/25/2025 16:40	WG2605156
Pyridine	U		0.0684	0.409	1	09/25/2025 16:40	WG2605156
Benzylbutyl phthalate	U		0.0792	0.409	1	09/25/2025 16:40	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0807	0.409	1	09/25/2025 16:40	WG2605156
Di-n-butyl phthalate	U		0.0550	0.409	1	09/25/2025 16:40	WG2605156
Diethyl phthalate	U		0.0634	0.409	1	09/25/2025 16:40	WG2605156
Dimethyl phthalate	U		0.0549	0.409	1	09/25/2025 16:40	WG2605156
Di-n-octyl phthalate	U	C3	0.181	0.409	1	09/25/2025 16:40	WG2605156
Pyrene	U		0.00458	0.0409	1	09/25/2025 16:40	WG2605156
1,2,4-Trichlorobenzene	U		0.0485	0.409	1	09/25/2025 16:40	WG2605156
4-Chloro-3-methylphenol	U		0.0639	0.409	1	09/25/2025 16:40	WG2605156
2-Chlorophenol	U		0.0425	0.409	1	09/25/2025 16:40	WG2605156
2,4-Dichlorophenol	U		0.0539	0.409	1	09/25/2025 16:40	WG2605156
2,4-Dimethylphenol	U		0.0849	0.409	1	09/25/2025 16:40	WG2605156
4,6-Dinitro-2-methylphenol	U		0.125	0.409	1	09/25/2025 16:40	WG2605156
2,4-Dinitrophenol	U		0.156	0.409	1	09/25/2025 16:40	WG2605156
2-Methylphenol	U		0.0460	0.409	1	09/25/2025 16:40	WG2605156
3&4-Methyl Phenol	U		0.0504	0.409	1	09/25/2025 16:40	WG2605156
2-Nitrophenol	U		0.0607	0.409	1	09/25/2025 16:40	WG2605156
4-Nitrophenol	U		0.130	0.409	1	09/25/2025 16:40	WG2605156
Pentachlorophenol	U		0.0765	0.409	1	09/25/2025 16:40	WG2605156
Phenol	U		0.0697	0.409	1	09/25/2025 16:40	WG2605156
2,4,6-Trichlorophenol	U		0.0978	0.409	1	09/25/2025 16:40	WG2605156
2,4,5-Trichlorophenol	U		0.100	0.409	1	09/25/2025 16:40	WG2605156
(S) 2-Fluorophenol	59.1			12.0-120		09/25/2025 16:40	WG2605156
(S) Phenol-d5	57.3			10.0-120		09/25/2025 16:40	WG2605156
(S) Nitrobenzene-d5	53.6			10.0-122		09/25/2025 16:40	WG2605156
(S) 2-Fluorobiphenyl	62.2			15.0-120		09/25/2025 16:40	WG2605156
(S) 2,4,6-Tribromophenol	84.7			10.0-127		09/25/2025 16:40	WG2605156
(S) p-Terphenyl-d14	67.2			10.0-120		09/25/2025 16:40	WG2605156



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	2.75		2.15	2.69	25.3	09/21/2025 17:40	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.4			77.0-120		09/21/2025 17:40	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.300	0.429	4.04	09/19/2025 19:52	WG2604149
Acrylonitrile	U		0.0344	0.0537	4.04	09/19/2025 19:52	WG2604149
Benzene	U		0.00305	0.00429	4.04	09/19/2025 19:52	WG2604149
Bromobenzene	U		0.0168	0.0537	4.04	09/19/2025 19:52	WG2604149
Bromodichloromethane	U		0.00503	0.0107	4.04	09/19/2025 19:52	WG2604149
Bromoform	U		0.0426	0.107	4.04	09/19/2025 19:52	WG2604149
Bromomethane	U		0.0434	0.0537	4.04	09/19/2025 19:52	WG2604149
n-Butylbenzene	U		0.0269	0.0537	4.04	09/19/2025 19:52	WG2604149
sec-Butylbenzene	U		0.0165	0.0537	4.04	09/19/2025 19:52	WG2604149
tert-Butylbenzene	U		0.00812	0.0215	4.04	09/19/2025 19:52	WG2604149
Carbon tetrachloride	U		0.0130	0.0215	4.04	09/19/2025 19:52	WG2604149
Chlorobenzene	U		0.00369	0.0107	4.04	09/19/2025 19:52	WG2604149
Chlorodibromomethane	U		0.00691	0.0107	4.04	09/19/2025 19:52	WG2604149
Chloroethane	U		0.0244	0.0429	4.04	09/19/2025 19:52	WG2604149
Chloroform	U		0.00695	0.0107	4.04	09/19/2025 19:52	WG2604149
Chloromethane	U		0.0364	0.0537	4.04	09/19/2025 19:52	WG2604149
2-Chlorotoluene	U		0.00554	0.0107	4.04	09/19/2025 19:52	WG2604149
4-Chlorotoluene	U		0.00661	0.0215	4.04	09/19/2025 19:52	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0459	0.107	4.04	09/19/2025 19:52	WG2604149
1,2-Dibromoethane	U		0.00541	0.0107	4.04	09/19/2025 19:52	WG2604149
Dibromomethane	U		0.00764	0.0215	4.04	09/19/2025 19:52	WG2604149
1,2-Dichlorobenzene	U		0.00669	0.0215	4.04	09/19/2025 19:52	WG2604149
1,3-Dichlorobenzene	U		0.00709	0.0215	4.04	09/19/2025 19:52	WG2604149
1,4-Dichlorobenzene	U		0.00751	0.0215	4.04	09/19/2025 19:52	WG2604149
Dichlorodifluoromethane	U	C3	0.0187	0.0215	4.04	09/19/2025 19:52	WG2604149
1,1-Dichloroethane	U		0.00434	0.0107	4.04	09/19/2025 19:52	WG2604149
1,2-Dichloroethane	U		0.00627	0.0107	4.04	09/19/2025 19:52	WG2604149
1,1-Dichloroethene	U		0.00657	0.0107	4.04	09/19/2025 19:52	WG2604149
cis-1,2-Dichloroethene	U		0.00554	0.0107	4.04	09/19/2025 19:52	WG2604149
trans-1,2-Dichloroethene	U		0.00446	0.0215	4.04	09/19/2025 19:52	WG2604149
1,2-Dichloropropane	U		0.00825	0.0215	4.04	09/19/2025 19:52	WG2604149
1,1-Dichloropropene	U		0.00593	0.0215	4.04	09/19/2025 19:52	WG2604149
1,3-Dichloropropane	U		0.00695	0.0215	4.04	09/19/2025 19:52	WG2604149
cis-1,3-Dichloropropene	U		0.00451	0.0107	4.04	09/19/2025 19:52	WG2604149
trans-1,3-Dichloropropene	U	J4	0.00451	0.0215	4.04	09/19/2025 19:52	WG2604149
2,2-Dichloropropane	U		0.00867	0.0107	4.04	09/19/2025 19:52	WG2604149
Di-isopropyl ether	U		0.00330	0.00429	4.04	09/19/2025 19:52	WG2604149
Ethylbenzene	U		0.00424	0.0107	4.04	09/19/2025 19:52	WG2604149
Hexachloro-1,3-butadiene	U		0.0447	0.107	4.04	09/19/2025 19:52	WG2604149
Isopropylbenzene	U		0.00434	0.0107	4.04	09/19/2025 19:52	WG2604149
p-Isopropyltoluene	U		0.00915	0.0215	4.04	09/19/2025 19:52	WG2604149
2-Butanone (MEK)	U		0.380	0.429	4.04	09/19/2025 19:52	WG2604149
Methylene Chloride	U	J4	0.0472	0.107	4.04	09/19/2025 19:52	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0426	0.107	4.04	09/19/2025 19:52	WG2604149

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00332	0.00429	4.04	09/19/2025 19:52	WG2604149
Naphthalene	U		0.0327	0.0537	4.04	09/19/2025 19:52	WG2604149
n-Propylbenzene	U		0.00726	0.0215	4.04	09/19/2025 19:52	WG2604149
Styrene	U		0.0191	0.0537	4.04	09/19/2025 19:52	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00558	0.0107	4.04	09/19/2025 19:52	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00498	0.0107	4.04	09/19/2025 19:52	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.0121	0.0215	4.04	09/19/2025 19:52	WG2604149
Tetrachloroethene	0.0628	C5	0.00652	0.0107	4.04	09/19/2025 19:52	WG2604149
Toluene	U		0.0124	0.0215	4.04	09/19/2025 19:52	WG2604149
1,2,3-Trichlorobenzene	U		0.0300	0.0537	4.04	09/19/2025 19:52	WG2604149
1,2,4-Trichlorobenzene	U		0.0233	0.0537	4.04	09/19/2025 19:52	WG2604149
1,1,1-Trichloroethane	U		0.00623	0.0107	4.04	09/19/2025 19:52	WG2604149
1,1,2-Trichloroethane	U		0.00575	0.0107	4.04	09/19/2025 19:52	WG2604149
Trichloroethene	U		0.00383	0.00429	4.04	09/19/2025 19:52	WG2604149
Trichlorofluoromethane	U	J4	0.0112	0.0172	4.04	09/19/2025 19:52	WG2604149
1,2,3-Trichloropropane	U		0.0262	0.0537	4.04	09/19/2025 19:52	WG2604149
1,2,4-Trimethylbenzene	U		0.0102	0.0215	4.04	09/19/2025 19:52	WG2604149
1,2,3-Trimethylbenzene	U		0.00781	0.0215	4.04	09/19/2025 19:52	WG2604149
1,3,5-Trimethylbenzene	U		0.00979	0.0215	4.04	09/19/2025 19:52	WG2604149
Vinyl chloride	U		0.00863	0.0107	4.04	09/19/2025 19:52	WG2604149
Xylenes, Total	U		0.0120	0.0279	4.04	09/19/2025 19:52	WG2604149
(S) Toluene-d8	105			75.0-131		09/19/2025 19:52	WG2604149
(S) 4-Bromofluorobenzene	112			67.0-138		09/19/2025 19:52	WG2604149
(S) 1,2-Dichloroethane-d4	95.5			70.0-130		09/19/2025 19:52	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Sample Narrative:

L1899525-17 WG2604149: Lowest possible dilution due to sample foaming.

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		261	413	100	09/28/2025 18:31	WG2606613
C22-C32 Hydrocarbons	372	J	261	413	100	09/28/2025 18:31	WG2606613
C32-C40 Hydrocarbons	626		261	413	100	09/28/2025 18:31	WG2606613
(S) o-Terphenyl	0.000	J7		18.0-148		09/28/2025 18:31	WG2606613

Sample Narrative:

L1899525-17 WG2606613: Cannot run at lower dilution due to viscosity of extract

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.0556	0.343	10	09/25/2025 18:02	WG2605156
Acenaphthylene	U		0.0585	0.343	10	09/25/2025 18:02	WG2605156
Anthracene	U		0.0422	0.343	10	09/25/2025 18:02	WG2605156
Benzo(a)anthracene	0.0448	J	0.0392	0.343	10	09/25/2025 18:02	WG2605156
Benzo(b)fluoranthene	0.0786	J	0.0559	0.343	10	09/25/2025 18:02	WG2605156
Benzo(k)fluoranthene	U		0.0499	0.343	10	09/25/2025 18:02	WG2605156
Benzo(g,h,i)perylene	U		0.0664	0.343	10	09/25/2025 18:02	WG2605156
Benzo(a)pyrene	U		0.0689	0.343	10	09/25/2025 18:02	WG2605156
Bis(2-chlorethoxy)methane	U		0.372	3.43	10	09/25/2025 18:02	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.649	3.43	10	09/25/2025 18:02	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.336	3.43	10	09/25/2025 18:02	WG2605156
4-Bromophenyl-phenylether	U		0.490	3.43	10	09/25/2025 18:02	WG2605156
2-Chloronaphthalene	U		0.0512	0.343	10	09/25/2025 18:02	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
4-Chlorophenyl-phenylether	U		0.490	3.43	10	09/25/2025 18:02	WG2605156
Chrysene	0.0483	U	0.0357	0.343	10	09/25/2025 18:02	WG2605156
Dibenz(a,h)anthracene	U		0.0606	0.343	10	09/25/2025 18:02	WG2605156
3,3-Dichlorobenzidine	U		1.31	3.43	10	09/25/2025 18:02	WG2605156
2,4-Dinitrotoluene	U		0.681	3.43	10	09/25/2025 18:02	WG2605156
2,6-Dinitrotoluene	U		0.648	3.43	10	09/25/2025 18:02	WG2605156
Fluoranthene	0.0589	U	0.0442	0.343	10	09/25/2025 18:02	WG2605156
Fluorene	U		0.0513	0.343	10	09/25/2025 18:02	WG2605156
Hexachlorobenzene	U		0.561	3.43	10	09/25/2025 18:02	WG2605156
Hexachloro-1,3-butadiene	U		0.545	3.43	10	09/25/2025 18:02	WG2605156
Hexachlorocyclopentadiene	U	C3	1.05	3.43	10	09/25/2025 18:02	WG2605156
Hexachloroethane	U		0.423	3.43	10	09/25/2025 18:02	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.0690	0.343	10	09/25/2025 18:02	WG2605156
Isophorone	U		0.432	3.43	10	09/25/2025 18:02	WG2605156
Naphthalene	U		0.0862	0.343	10	09/25/2025 18:02	WG2605156
Nitrobenzene	U		0.464	3.43	10	09/25/2025 18:02	WG2605156
n-Nitrosodimethylamine	U		0.807	3.43	10	09/25/2025 18:02	WG2605156
n-Nitrosodiphenylamine	U		0.440	3.43	10	09/25/2025 18:02	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.545	3.43	10	09/25/2025 18:02	WG2605156
Phenanthrene	U		0.0378	0.343	10	09/25/2025 18:02	WG2605156
Pyridine	U		0.575	3.43	10	09/25/2025 18:02	WG2605156
Benzylbutyl phthalate	U		0.665	3.43	10	09/25/2025 18:02	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.678	3.43	10	09/25/2025 18:02	WG2605156
Di-n-butyl phthalate	U		0.462	3.43	10	09/25/2025 18:02	WG2605156
Diethyl phthalate	U		0.532	3.43	10	09/25/2025 18:02	WG2605156
Dimethyl phthalate	U		0.461	3.43	10	09/25/2025 18:02	WG2605156
Di-n-octyl phthalate	U	C3	1.52	3.43	10	09/25/2025 18:02	WG2605156
Pyrene	0.0647	U	0.0385	0.343	10	09/25/2025 18:02	WG2605156
1,2,4-Trichlorobenzene	U		0.407	3.43	10	09/25/2025 18:02	WG2605156
4-Chloro-3-methylphenol	U		0.536	3.43	10	09/25/2025 18:02	WG2605156
2-Chlorophenol	U		0.357	3.43	10	09/25/2025 18:02	WG2605156
2,4-Dichlorophenol	U		0.453	3.43	10	09/25/2025 18:02	WG2605156
2,4-Dimethylphenol	U		0.713	3.43	10	09/25/2025 18:02	WG2605156
4,6-Dinitro-2-methylphenol	U		1.05	3.43	10	09/25/2025 18:02	WG2605156
2,4-Dinitrophenol	U		1.31	3.43	10	09/25/2025 18:02	WG2605156
2-Methylphenol	U		0.386	3.43	10	09/25/2025 18:02	WG2605156
3&4-Methyl Phenol	U		0.423	3.43	10	09/25/2025 18:02	WG2605156
2-Nitrophenol	U		0.510	3.43	10	09/25/2025 18:02	WG2605156
4-Nitrophenol	U		1.09	3.43	10	09/25/2025 18:02	WG2605156
Pentachlorophenol	U		0.643	3.43	10	09/25/2025 18:02	WG2605156
Phenol	U		0.585	3.43	10	09/25/2025 18:02	WG2605156
2,4,6-Trichlorophenol	U		0.821	3.43	10	09/25/2025 18:02	WG2605156
2,4,5-Trichlorophenol	U		0.840	3.43	10	09/25/2025 18:02	WG2605156
(S) 2-Fluorophenol	55.6			12.0-120		09/25/2025 18:02	WG2605156
(S) Phenol-d5	56.1			10.0-120		09/25/2025 18:02	WG2605156
(S) Nitrobenzene-d5	70.2			10.0-122		09/25/2025 18:02	WG2605156
(S) 2-Fluorobiphenyl	83.1			15.0-120		09/25/2025 18:02	WG2605156
(S) 2,4,6-Tribromophenol	83.7			10.0-127		09/25/2025 18:02	WG2605156
(S) p-Terphenyl-d14	73.7			10.0-120		09/25/2025 18:02	WG2605156

Sample Narrative:

L1899525-17 WG2605156: Dilution due to matrix impact during extract concentration procedure.



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.0		1	09/19/2025 07:42	WG2603990

Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	3.00	<u>J</u>	2.82	3.52	25	09/21/2025 18:03	WG2604983
(S) a,a,a-Trifluorotoluene(FID)	99.0			77.0-120		09/21/2025 18:03	WG2604983

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0982	0.141	1	09/19/2025 16:17	WG2604149
Acrylonitrile	U		0.0113	0.0176	1	09/19/2025 16:17	WG2604149
Benzene	U		0.00100	0.00141	1	09/19/2025 16:17	WG2604149
Bromobenzene	U		0.00549	0.0176	1	09/19/2025 16:17	WG2604149
Bromodichloromethane	U		0.00165	0.00352	1	09/19/2025 16:17	WG2604149
Bromoform	U		0.0140	0.0352	1	09/19/2025 16:17	WG2604149
Bromomethane	U		0.0142	0.0176	1	09/19/2025 16:17	WG2604149
n-Butylbenzene	U		0.00881	0.0176	1	09/19/2025 16:17	WG2604149
sec-Butylbenzene	U		0.00540	0.0176	1	09/19/2025 16:17	WG2604149
tert-Butylbenzene	U		0.00266	0.00704	1	09/19/2025 16:17	WG2604149
Carbon tetrachloride	U		0.00424	0.00704	1	09/19/2025 16:17	WG2604149
Chlorobenzene	U		0.00121	0.00352	1	09/19/2025 16:17	WG2604149
Chlorodibromomethane	U		0.00227	0.00352	1	09/19/2025 16:17	WG2604149
Chloroethane	U		0.00802	0.0141	1	09/19/2025 16:17	WG2604149
Chloroform	U		0.00228	0.00352	1	09/19/2025 16:17	WG2604149
Chloromethane	U		0.0120	0.0176	1	09/19/2025 16:17	WG2604149
2-Chlorotoluene	U		0.00182	0.00352	1	09/19/2025 16:17	WG2604149
4-Chlorotoluene	U		0.00217	0.00704	1	09/19/2025 16:17	WG2604149
1,2-Dibromo-3-Chloropropane	U		0.0151	0.0352	1	09/19/2025 16:17	WG2604149
1,2-Dibromoethane	U		0.00178	0.00352	1	09/19/2025 16:17	WG2604149
Dibromomethane	U		0.00251	0.00704	1	09/19/2025 16:17	WG2604149
1,2-Dichlorobenzene	U		0.00220	0.00704	1	09/19/2025 16:17	WG2604149
1,3-Dichlorobenzene	U		0.00232	0.00704	1	09/19/2025 16:17	WG2604149
1,4-Dichlorobenzene	U		0.00247	0.00704	1	09/19/2025 16:17	WG2604149
Dichlorodifluoromethane	U	<u>C3</u>	0.00613	0.00704	1	09/19/2025 16:17	WG2604149
1,1-Dichloroethane	U		0.00142	0.00352	1	09/19/2025 16:17	WG2604149
1,2-Dichloroethane	U		0.00206	0.00352	1	09/19/2025 16:17	WG2604149
1,1-Dichloroethene	U		0.00216	0.00352	1	09/19/2025 16:17	WG2604149
cis-1,2-Dichloroethene	U		0.00182	0.00352	1	09/19/2025 16:17	WG2604149
trans-1,2-Dichloroethene	U		0.00147	0.00704	1	09/19/2025 16:17	WG2604149
1,2-Dichloropropane	U		0.00271	0.00704	1	09/19/2025 16:17	WG2604149
1,1-Dichloropropene	U		0.00194	0.00704	1	09/19/2025 16:17	WG2604149
1,3-Dichloropropane	U		0.00228	0.00704	1	09/19/2025 16:17	WG2604149
cis-1,3-Dichloropropene	U		0.00148	0.00352	1	09/19/2025 16:17	WG2604149
trans-1,3-Dichloropropene	U	<u>J4</u>	0.00148	0.00704	1	09/19/2025 16:17	WG2604149
2,2-Dichloropropane	U		0.00285	0.00352	1	09/19/2025 16:17	WG2604149
Di-isopropyl ether	U		0.00108	0.00141	1	09/19/2025 16:17	WG2604149
Ethylbenzene	U		0.00139	0.00352	1	09/19/2025 16:17	WG2604149
Hexachloro-1,3-butadiene	U		0.0147	0.0352	1	09/19/2025 16:17	WG2604149
Isopropylbenzene	U		0.00142	0.00352	1	09/19/2025 16:17	WG2604149
p-Isopropyltoluene	U		0.00300	0.00704	1	09/19/2025 16:17	WG2604149
2-Butanone (MEK)	U		0.125	0.141	1	09/19/2025 16:17	WG2604149
Methylene Chloride	U	<u>J4</u>	0.0155	0.0352	1	09/19/2025 16:17	WG2604149
4-Methyl-2-pentanone (MIBK)	U		0.0140	0.0352	1	09/19/2025 16:17	WG2604149

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	U		0.00109	0.00141	1	09/19/2025 16:17	WG2604149
Naphthalene	U		0.0108	0.0176	1	09/19/2025 16:17	WG2604149
n-Propylbenzene	U		0.00238	0.00704	1	09/19/2025 16:17	WG2604149
Styrene	U		0.00627	0.0176	1	09/19/2025 16:17	WG2604149
1,1,1,2-Tetrachloroethane	U		0.00183	0.00352	1	09/19/2025 16:17	WG2604149
1,1,2,2-Tetrachloroethane	U	C3 J4	0.00163	0.00352	1	09/19/2025 16:17	WG2604149
1,1,2-Trichlorotrifluoroethane	U		0.00396	0.00704	1	09/19/2025 16:17	WG2604149
Tetrachloroethene	0.0335	C5	0.00214	0.00352	1	09/19/2025 16:17	WG2604149
Toluene	U		0.00407	0.00704	1	09/19/2025 16:17	WG2604149
1,2,3-Trichlorobenzene	U		0.00985	0.0176	1	09/19/2025 16:17	WG2604149
1,2,4-Trichlorobenzene	U		0.00764	0.0176	1	09/19/2025 16:17	WG2604149
1,1,1-Trichloroethane	U		0.00204	0.00352	1	09/19/2025 16:17	WG2604149
1,1,2-Trichloroethane	U		0.00189	0.00352	1	09/19/2025 16:17	WG2604149
Trichloroethene	U		0.00126	0.00141	1	09/19/2025 16:17	WG2604149
Trichlorofluoromethane	U	J4	0.00368	0.00564	1	09/19/2025 16:17	WG2604149
1,2,3-Trichloropropane	U		0.00862	0.0176	1	09/19/2025 16:17	WG2604149
1,2,4-Trimethylbenzene	U		0.00335	0.00704	1	09/19/2025 16:17	WG2604149
1,2,3-Trimethylbenzene	U		0.00256	0.00704	1	09/19/2025 16:17	WG2604149
1,3,5-Trimethylbenzene	U		0.00321	0.00704	1	09/19/2025 16:17	WG2604149
Vinyl chloride	U		0.00283	0.00352	1	09/19/2025 16:17	WG2604149
Xylenes, Total	U		0.00394	0.00916	1	09/19/2025 16:17	WG2604149
(S) Toluene-d8	104			75.0-131		09/19/2025 16:17	WG2604149
(S) 4-Bromofluorobenzene	112			67.0-138		09/19/2025 16:17	WG2604149
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		09/19/2025 16:17	WG2604149

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015C

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		3.05	4.82	1	09/28/2025 16:24	WG2606613
C22-C32 Hydrocarbons	6.74		3.05	4.82	1	09/28/2025 16:24	WG2606613
C32-C40 Hydrocarbons	11.2		3.05	4.82	1	09/28/2025 16:24	WG2606613
(S) o-Terphenyl	51.9			18.0-148		09/28/2025 16:24	WG2606613

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Acenaphthene	U		0.00649	0.0401	1	09/25/2025 15:58	WG2605156
Acenaphthylene	U		0.00683	0.0401	1	09/25/2025 15:58	WG2605156
Anthracene	U		0.00493	0.0401	1	09/25/2025 15:58	WG2605156
Benzo(a)anthracene	U		0.00458	0.0401	1	09/25/2025 15:58	WG2605156
Benzo(b)fluoranthene	U		0.00653	0.0401	1	09/25/2025 15:58	WG2605156
Benzo(k)fluoranthene	U		0.00583	0.0401	1	09/25/2025 15:58	WG2605156
Benzo(g,h,i)perylene	U		0.00776	0.0401	1	09/25/2025 15:58	WG2605156
Benzo(a)pyrene	U		0.00805	0.0401	1	09/25/2025 15:58	WG2605156
Bis(2-chlorethoxy)methane	U		0.0435	0.401	1	09/25/2025 15:58	WG2605156
Bis(2-chloroethyl)ether	U	C3	0.0758	0.401	1	09/25/2025 15:58	WG2605156
2,2-Oxybis(1-Chloropropane)	U		0.0393	0.401	1	09/25/2025 15:58	WG2605156
4-Bromophenyl-phenylether	U		0.0572	0.401	1	09/25/2025 15:58	WG2605156
2-Chloronaphthalene	U		0.00597	0.0401	1	09/25/2025 15:58	WG2605156
4-Chlorophenyl-phenylether	U		0.0572	0.401	1	09/25/2025 15:58	WG2605156
Chrysene	U		0.00417	0.0401	1	09/25/2025 15:58	WG2605156
Dibenz(a,h)anthracene	U		0.00708	0.0401	1	09/25/2025 15:58	WG2605156
3,3-Dichlorobenzidine	U		0.153	0.401	1	09/25/2025 15:58	WG2605156
2,4-Dinitrotoluene	U		0.0795	0.401	1	09/25/2025 15:58	WG2605156
2,6-Dinitrotoluene	U		0.0756	0.401	1	09/25/2025 15:58	WG2605156

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Fluoranthene	U		0.00517	0.0401	1	09/25/2025 15:58	WG2605156
Fluorene	U		0.00599	0.0401	1	09/25/2025 15:58	WG2605156
Hexachlorobenzene	U		0.0655	0.401	1	09/25/2025 15:58	WG2605156
Hexachloro-1,3-butadiene	U		0.0636	0.401	1	09/25/2025 15:58	WG2605156
Hexachlorocyclopentadiene	U	C3	0.123	0.401	1	09/25/2025 15:58	WG2605156
Hexachloroethane	U		0.0494	0.401	1	09/25/2025 15:58	WG2605156
Indeno(1,2,3-cd)pyrene	U		0.00806	0.0401	1	09/25/2025 15:58	WG2605156
Isophorone	U		0.0505	0.401	1	09/25/2025 15:58	WG2605156
Naphthalene	U		0.0101	0.0401	1	09/25/2025 15:58	WG2605156
Nitrobenzene	U		0.0542	0.401	1	09/25/2025 15:58	WG2605156
n-Nitrosodimethylamine	U		0.0942	0.401	1	09/25/2025 15:58	WG2605156
n-Nitrosodiphenylamine	U		0.0514	0.401	1	09/25/2025 15:58	WG2605156
n-Nitrosodi-n-propylamine	U	C3	0.0636	0.401	1	09/25/2025 15:58	WG2605156
Phenanthrene	U		0.00441	0.0401	1	09/25/2025 15:58	WG2605156
Pyridine	U		0.0671	0.401	1	09/25/2025 15:58	WG2605156
Benzylbutyl phthalate	U		0.0777	0.401	1	09/25/2025 15:58	WG2605156
Bis(2-ethylhexyl)phthalate	U		0.0791	0.401	1	09/25/2025 15:58	WG2605156
Di-n-butyl phthalate	U		0.0540	0.401	1	09/25/2025 15:58	WG2605156
Diethyl phthalate	U		0.0622	0.401	1	09/25/2025 15:58	WG2605156
Dimethyl phthalate	U		0.0538	0.401	1	09/25/2025 15:58	WG2605156
Di-n-octyl phthalate	U	C3	0.177	0.401	1	09/25/2025 15:58	WG2605156
Pyrene	U		0.00449	0.0401	1	09/25/2025 15:58	WG2605156
1,2,4-Trichlorobenzene	U		0.0476	0.401	1	09/25/2025 15:58	WG2605156
4-Chloro-3-methylphenol	U		0.0626	0.401	1	09/25/2025 15:58	WG2605156
2-Chlorophenol	U		0.0417	0.401	1	09/25/2025 15:58	WG2605156
2,4-Dichlorophenol	U		0.0529	0.401	1	09/25/2025 15:58	WG2605156
2,4-Dimethylphenol	U		0.0832	0.401	1	09/25/2025 15:58	WG2605156
4,6-Dinitro-2-methylphenol	U		0.123	0.401	1	09/25/2025 15:58	WG2605156
2,4-Dinitrophenol	U		0.153	0.401	1	09/25/2025 15:58	WG2605156
2-Methylphenol	U		0.0450	0.401	1	09/25/2025 15:58	WG2605156
3&4-Methyl Phenol	U		0.0494	0.401	1	09/25/2025 15:58	WG2605156
2-Nitrophenol	U		0.0595	0.401	1	09/25/2025 15:58	WG2605156
4-Nitrophenol	U		0.128	0.401	1	09/25/2025 15:58	WG2605156
Pentachlorophenol	U		0.0750	0.401	1	09/25/2025 15:58	WG2605156
Phenol	U		0.0683	0.401	1	09/25/2025 15:58	WG2605156
2,4,6-Trichlorophenol	U		0.0959	0.401	1	09/25/2025 15:58	WG2605156
2,4,5-Trichlorophenol	U		0.0980	0.401	1	09/25/2025 15:58	WG2605156
(S) 2-Fluorophenol	60.5			12.0-120		09/25/2025 15:58	WG2605156
(S) Phenol-d5	55.8			10.0-120		09/25/2025 15:58	WG2605156
(S) Nitrobenzene-d5	54.5			10.0-122		09/25/2025 15:58	WG2605156
(S) 2-Fluorobiphenyl	63.4			15.0-120		09/25/2025 15:58	WG2605156
(S) 2,4,6-Tribromophenol	87.5			10.0-127		09/25/2025 15:58	WG2605156
(S) p-Terphenyl-d14	70.5			10.0-120		09/25/2025 15:58	WG2605156



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.4		1	09/19/2025 07:42	WG2603990

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0490		0.0212	0.0411	1	09/24/2025 11:56	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.710	2.05	1	09/20/2025 15:25	WG2604051
Arsenic	2.42		0.860	2.05	1	09/20/2025 15:25	WG2604051
Barium	308		0.0873	0.514	1	09/20/2025 15:25	WG2604051
Beryllium	0.346		0.0490	0.205	1	09/20/2025 15:25	WG2604051
Cadmium	0.314	J	0.0671	0.514	1	09/20/2025 15:25	WG2604051
Chromium	39.2		0.220	1.03	1	09/20/2025 15:25	WG2604051
Cobalt	10.1		0.182	1.03	1	09/20/2025 15:25	WG2604051
Copper	33.4		0.367	2.05	1	09/20/2025 15:25	WG2604051
Lead	23.7		0.335	0.514	1	09/20/2025 15:25	WG2604051
Molybdenum	0.705		0.0175	0.514	1	09/20/2025 15:25	WG2604051
Nickel	47.9		0.205	2.05	1	09/20/2025 15:25	WG2604051
Selenium	1.53	J	1.10	2.05	1	09/20/2025 15:25	WG2604051
Silver	0.140	J	0.130	1.03	1	09/20/2025 15:25	WG2604051
Thallium	U		0.532	2.05	1	09/20/2025 15:25	WG2604051
Vanadium	73.2		0.393	2.05	1	09/20/2025 15:25	WG2604051
Zinc	50.4		1.00	5.14	1	09/20/2025 15:25	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00663	0.0205	1	09/22/2025 22:16	WG2605157
Alpha BHC	U		0.00654	0.0205	1	09/22/2025 22:16	WG2605157
Beta BHC	U		0.00647	0.0205	1	09/22/2025 22:16	WG2605157
Delta BHC	U		0.00652	0.0205	1	09/22/2025 22:16	WG2605157
Gamma BHC	U		0.00694	0.0205	1	09/22/2025 22:16	WG2605157
4,4-DDD	U		0.00709	0.0205	1	09/22/2025 22:16	WG2605157
4,4-DDE	U		0.00691	0.0205	1	09/22/2025 22:16	WG2605157
4,4-DDT	U		0.00787	0.0205	1	09/22/2025 22:16	WG2605157
Dieldrin	U		0.00716	0.0205	1	09/22/2025 22:16	WG2605157
Endosulfan I	U		0.00620	0.0205	1	09/22/2025 22:16	WG2605157
Endosulfan II	U		0.00679	0.0205	1	09/22/2025 22:16	WG2605157
Endosulfan sulfate	U		0.00659	0.0205	1	09/22/2025 22:16	WG2605157
Endrin	U		0.00766	0.0205	1	09/22/2025 22:16	WG2605157
Endrin aldehyde	U		0.00606	0.0205	1	09/22/2025 22:16	WG2605157
Endrin ketone	U		0.00714	0.0205	1	09/22/2025 22:16	WG2605157
Heptachlor	U		0.00712	0.0205	1	09/22/2025 22:16	WG2605157
Heptachlor epoxide	U		0.00668	0.0205	1	09/22/2025 22:16	WG2605157
Hexachlorobenzene	U		0.00624	0.0205	1	09/22/2025 22:16	WG2605157
Methoxychlor	U		0.00828	0.0205	1	09/22/2025 22:16	WG2605157
Chlordane	U		0.102	0.308	1	09/22/2025 22:16	WG2605157
Toxaphene	U		0.220	0.411	1	09/22/2025 22:16	WG2605157
(S) Decachlorobiphenyl	161	J1		10.0-135		09/22/2025 22:16	WG2605157
(S) Tetrachloro-m-xylene	69.3			10.0-139		09/22/2025 22:16	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.6		1	09/19/2025 07:42	WG2603990

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0762		0.0252	0.0490	1	09/24/2025 11:59	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.847	2.45	1	09/20/2025 15:26	WG2604051
Arsenic	4.22		1.03	2.45	1	09/20/2025 15:26	WG2604051
Barium	250		0.104	0.613	1	09/20/2025 15:26	WG2604051
Beryllium	0.680		0.0585	0.245	1	09/20/2025 15:26	WG2604051
Cadmium	0.351	J	0.0800	0.613	1	09/20/2025 15:26	WG2604051
Chromium	71.3		0.262	1.23	1	09/20/2025 15:26	WG2604051
Cobalt	15.4		0.217	1.23	1	09/20/2025 15:26	WG2604051
Copper	47.0		0.437	2.45	1	09/20/2025 15:26	WG2604051
Lead	24.3		0.399	0.613	1	09/20/2025 15:26	WG2604051
Molybdenum	0.341	J	0.0208	0.613	1	09/20/2025 15:26	WG2604051
Nickel	77.0		0.245	2.45	1	09/20/2025 15:26	WG2604051
Selenium	1.40	J	1.31	2.45	1	09/20/2025 15:26	WG2604051
Silver	0.183	J	0.156	1.23	1	09/20/2025 15:26	WG2604051
Thallium	U		0.635	2.45	1	09/20/2025 15:26	WG2604051
Vanadium	74.9		0.469	2.45	1	09/20/2025 15:26	WG2604051
Zinc	92.7		1.19	6.13	1	09/20/2025 15:26	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00790	0.0245	1	09/22/2025 20:52	WG2605157
Alpha BHC	U		0.00781	0.0245	1	09/22/2025 20:52	WG2605157
Beta BHC	U		0.00772	0.0245	1	09/22/2025 20:52	WG2605157
Delta BHC	U		0.00778	0.0245	1	09/22/2025 20:52	WG2605157
Gamma BHC	U		0.00828	0.0245	1	09/22/2025 20:52	WG2605157
4,4-DDD	U		0.00846	0.0245	1	09/22/2025 20:52	WG2605157
4,4-DDE	0.0150	J P	0.00825	0.0245	1	09/22/2025 20:52	WG2605157
4,4-DDT	U		0.00939	0.0245	1	09/22/2025 20:52	WG2605157
Dieldrin	U		0.00854	0.0245	1	09/22/2025 20:52	WG2605157
Endosulfan I	U		0.00740	0.0245	1	09/22/2025 20:52	WG2605157
Endosulfan II	U		0.00810	0.0245	1	09/22/2025 20:52	WG2605157
Endosulfan sulfate	U		0.00787	0.0245	1	09/22/2025 20:52	WG2605157
Endrin	U		0.00914	0.0245	1	09/22/2025 20:52	WG2605157
Endrin aldehyde	U		0.00723	0.0245	1	09/22/2025 20:52	WG2605157
Endrin ketone	U		0.00852	0.0245	1	09/22/2025 20:52	WG2605157
Heptachlor	U		0.00849	0.0245	1	09/22/2025 20:52	WG2605157
Heptachlor epoxide	U		0.00797	0.0245	1	09/22/2025 20:52	WG2605157
Hexachlorobenzene	U		0.00745	0.0245	1	09/22/2025 20:52	WG2605157
Methoxychlor	U		0.00988	0.0245	1	09/22/2025 20:52	WG2605157
Chlordane	U		0.121	0.368	1	09/22/2025 20:52	WG2605157
Toxaphene	U		0.262	0.490	1	09/22/2025 20:52	WG2605157
(S) Decachlorobiphenyl	92.8			10.0-135		09/22/2025 20:52	WG2605157
(S) Tetrachloro-m-xylene	92.8			10.0-139		09/22/2025 20:52	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.9		1	09/19/2025 07:42	WG2603990

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0515		0.0213	0.0413	1	09/24/2025 12:02	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.713	2.06	1	09/20/2025 15:31	WG2604051
Arsenic	2.95		0.864	2.06	1	09/20/2025 15:31	WG2604051
Barium	278		0.0877	0.516	1	09/20/2025 15:31	WG2604051
Beryllium	0.315		0.0492	0.206	1	09/20/2025 15:31	WG2604051
Cadmium	0.336	J	0.0674	0.516	1	09/20/2025 15:31	WG2604051
Chromium	56.1		0.221	1.03	1	09/20/2025 15:31	WG2604051
Cobalt	12.6		0.183	1.03	1	09/20/2025 15:31	WG2604051
Copper	43.1		0.368	2.06	1	09/20/2025 15:31	WG2604051
Lead	14.8		0.336	0.516	1	09/20/2025 15:31	WG2604051
Molybdenum	0.870		0.0175	0.516	1	09/20/2025 15:31	WG2604051
Nickel	57.1		0.206	2.06	1	09/20/2025 15:31	WG2604051
Selenium	U		1.10	2.06	1	09/20/2025 15:31	WG2604051
Silver	0.164	J	0.131	1.03	1	09/20/2025 15:31	WG2604051
Thallium	U		0.535	2.06	1	09/20/2025 15:31	WG2604051
Vanadium	85.6		0.395	2.06	1	09/20/2025 15:31	WG2604051
Zinc	54.6		1.01	5.16	1	09/20/2025 15:31	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00666	0.0206	1	09/22/2025 22:06	WG2605157
Alpha BHC	U		0.00657	0.0206	1	09/22/2025 22:06	WG2605157
Beta BHC	U		0.00650	0.0206	1	09/22/2025 22:06	WG2605157
Delta BHC	U		0.00655	0.0206	1	09/22/2025 22:06	WG2605157
Gamma BHC	U		0.00698	0.0206	1	09/22/2025 22:06	WG2605157
4,4-DDD	U		0.00712	0.0206	1	09/22/2025 22:06	WG2605157
4,4-DDE	U		0.00695	0.0206	1	09/22/2025 22:06	WG2605157
4,4-DDT	U		0.00791	0.0206	1	09/22/2025 22:06	WG2605157
Dieldrin	U		0.00719	0.0206	1	09/22/2025 22:06	WG2605157
Endosulfan I	U		0.00623	0.0206	1	09/22/2025 22:06	WG2605157
Endosulfan II	U		0.00682	0.0206	1	09/22/2025 22:06	WG2605157
Endosulfan sulfate	U		0.00663	0.0206	1	09/22/2025 22:06	WG2605157
Endrin	U		0.00770	0.0206	1	09/22/2025 22:06	WG2605157
Endrin aldehyde	U		0.00609	0.0206	1	09/22/2025 22:06	WG2605157
Endrin ketone	U		0.00717	0.0206	1	09/22/2025 22:06	WG2605157
Heptachlor	U		0.00715	0.0206	1	09/22/2025 22:06	WG2605157
Heptachlor epoxide	U		0.00671	0.0206	1	09/22/2025 22:06	WG2605157
Hexachlorobenzene	U		0.00628	0.0206	1	09/22/2025 22:06	WG2605157
Methoxychlor	U		0.00832	0.0206	1	09/22/2025 22:06	WG2605157
Chlordane	U		0.102	0.310	1	09/22/2025 22:06	WG2605157
Toxaphene	U		0.221	0.413	1	09/22/2025 22:06	WG2605157
(S) Decachlorobiphenyl	88.5			10.0-135		09/22/2025 22:06	WG2605157
(S) Tetrachloro-m-xylene	63.6			10.0-139		09/22/2025 22:06	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.9		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0423	J	0.0248	0.0482	1	09/24/2025 12:04	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.833	2.41	1	09/20/2025 15:33	WG2604051
Arsenic	3.79		1.01	2.41	1	09/20/2025 15:33	WG2604051
Barium	175		0.103	0.603	1	09/20/2025 15:33	WG2604051
Beryllium	0.549		0.0575	0.241	1	09/20/2025 15:33	WG2604051
Cadmium	0.469	J	0.0788	0.603	1	09/20/2025 15:33	WG2604051
Chromium	67.7		0.258	1.21	1	09/20/2025 15:33	WG2604051
Cobalt	13.6		0.213	1.21	1	09/20/2025 15:33	WG2604051
Copper	39.7		0.431	2.41	1	09/20/2025 15:33	WG2604051
Lead	12.6		0.393	0.603	1	09/20/2025 15:33	WG2604051
Molybdenum	0.218	J	0.0205	0.603	1	09/20/2025 15:33	WG2604051
Nickel	62.6		0.241	2.41	1	09/20/2025 15:33	WG2604051
Selenium	U		1.29	2.41	1	09/20/2025 15:33	WG2604051
Silver	0.183	J	0.153	1.21	1	09/20/2025 15:33	WG2604051
Thallium	U		0.625	2.41	1	09/20/2025 15:33	WG2604051
Vanadium	74.4		0.462	2.41	1	09/20/2025 15:33	WG2604051
Zinc	63.6		1.17	6.03	1	09/20/2025 15:33	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00778	0.0241	1	09/22/2025 22:25	WG2605157
Alpha BHC	U		0.00768	0.0241	1	09/22/2025 22:25	WG2605157
Beta BHC	U		0.00760	0.0241	1	09/22/2025 22:25	WG2605157
Delta BHC	U		0.00766	0.0241	1	09/22/2025 22:25	WG2605157
Gamma BHC	U		0.00815	0.0241	1	09/22/2025 22:25	WG2605157
4,4-DDD	U		0.00832	0.0241	1	09/22/2025 22:25	WG2605157
4,4-DDE	U		0.00812	0.0241	1	09/22/2025 22:25	WG2605157
4,4-DDT	U		0.00924	0.0241	1	09/22/2025 22:25	WG2605157
Dieldrin	U		0.00841	0.0241	1	09/22/2025 22:25	WG2605157
Endosulfan I	U		0.00728	0.0241	1	09/22/2025 22:25	WG2605157
Endosulfan II	U		0.00797	0.0241	1	09/22/2025 22:25	WG2605157
Endosulfan sulfate	U		0.00774	0.0241	1	09/22/2025 22:25	WG2605157
Endrin	U		0.00900	0.0241	1	09/22/2025 22:25	WG2605157
Endrin aldehyde	U		0.00712	0.0241	1	09/22/2025 22:25	WG2605157
Endrin ketone	U		0.00838	0.0241	1	09/22/2025 22:25	WG2605157
Heptachlor	U		0.00836	0.0241	1	09/22/2025 22:25	WG2605157
Heptachlor epoxide	U		0.00784	0.0241	1	09/22/2025 22:25	WG2605157
Hexachlorobenzene	U		0.00733	0.0241	1	09/22/2025 22:25	WG2605157
Methoxychlor	U		0.00972	0.0241	1	09/22/2025 22:25	WG2605157
Chlordane	U		0.119	0.362	1	09/22/2025 22:25	WG2605157
Toxaphene	U		0.258	0.482	1	09/22/2025 22:25	WG2605157
(S) Decachlorobiphenyl	95.1			10.0-135		09/22/2025 22:25	WG2605157
(S) Tetrachloro-m-xylene	76.3			10.0-139		09/22/2025 22:25	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.137		0.0213	0.0414	1	09/24/2025 12:07	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.716	2.07	1	09/20/2025 15:35	WG2604051
Arsenic	2.35		0.867	2.07	1	09/20/2025 15:35	WG2604051
Barium	572		0.0880	0.518	1	09/20/2025 15:35	WG2604051
Beryllium	0.291		0.0494	0.207	1	09/20/2025 15:35	WG2604051
Cadmium	0.490	J	0.0676	0.518	1	09/20/2025 15:35	WG2604051
Chromium	42.5		0.222	1.04	1	09/20/2025 15:35	WG2604051
Cobalt	9.31		0.183	1.04	1	09/20/2025 15:35	WG2604051
Copper	23.7		0.370	2.07	1	09/20/2025 15:35	WG2604051
Lead	5.77		0.338	0.518	1	09/20/2025 15:35	WG2604051
Molybdenum	0.947		0.0176	0.518	1	09/20/2025 15:35	WG2604051
Nickel	55.6		0.207	2.07	1	09/20/2025 15:35	WG2604051
Selenium	U		1.11	2.07	1	09/20/2025 15:35	WG2604051
Silver	0.202	J	0.132	1.04	1	09/20/2025 15:35	WG2604051
Thallium	U		0.537	2.07	1	09/20/2025 15:35	WG2604051
Vanadium	47.7		0.397	2.07	1	09/20/2025 15:35	WG2604051
Zinc	42.1		1.01	5.18	1	09/20/2025 15:35	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00668	0.0207	1	09/22/2025 21:29	WG2605157
Alpha BHC	U		0.00660	0.0207	1	09/22/2025 21:29	WG2605157
Beta BHC	U		0.00653	0.0207	1	09/22/2025 21:29	WG2605157
Delta BHC	U		0.00658	0.0207	1	09/22/2025 21:29	WG2605157
Gamma BHC	U		0.00700	0.0207	1	09/22/2025 21:29	WG2605157
4,4-DDD	U		0.00715	0.0207	1	09/22/2025 21:29	WG2605157
4,4-DDE	U		0.00697	0.0207	1	09/22/2025 21:29	WG2605157
4,4-DDT	U		0.00793	0.0207	1	09/22/2025 21:29	WG2605157
Dieldrin	U		0.00722	0.0207	1	09/22/2025 21:29	WG2605157
Endosulfan I	U		0.00626	0.0207	1	09/22/2025 21:29	WG2605157
Endosulfan II	U		0.00685	0.0207	1	09/22/2025 21:29	WG2605157
Endosulfan sulfate	U		0.00665	0.0207	1	09/22/2025 21:29	WG2605157
Endrin	U		0.00773	0.0207	1	09/22/2025 21:29	WG2605157
Endrin aldehyde	U		0.00611	0.0207	1	09/22/2025 21:29	WG2605157
Endrin ketone	U		0.00720	0.0207	1	09/22/2025 21:29	WG2605157
Heptachlor	U		0.00718	0.0207	1	09/22/2025 21:29	WG2605157
Heptachlor epoxide	U		0.00673	0.0207	1	09/22/2025 21:29	WG2605157
Hexachlorobenzene	U		0.00630	0.0207	1	09/22/2025 21:29	WG2605157
Methoxychlor	U		0.00835	0.0207	1	09/22/2025 21:29	WG2605157
Chlordane	U		0.103	0.311	1	09/22/2025 21:29	WG2605157
Toxaphene	U		0.222	0.414	1	09/22/2025 21:29	WG2605157
(S) Decachlorobiphenyl	141	J1		10.0-135		09/22/2025 21:29	WG2605157
(S) Tetrachloro-m-xylene	69.2			10.0-139		09/22/2025 21:29	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0252	0.0489	1	09/24/2025 12:10	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.844	2.44	1	09/20/2025 15:36	WG2604051
Arsenic	1.35	J	1.02	2.44	1	09/20/2025 15:36	WG2604051
Barium	281		0.104	0.611	1	09/20/2025 15:36	WG2604051
Beryllium	0.571		0.0583	0.244	1	09/20/2025 15:36	WG2604051
Cadmium	0.205	J	0.0798	0.611	1	09/20/2025 15:36	WG2604051
Chromium	51.7		0.261	1.22	1	09/20/2025 15:36	WG2604051
Cobalt	7.86		0.216	1.22	1	09/20/2025 15:36	WG2604051
Copper	24.4		0.436	2.44	1	09/20/2025 15:36	WG2604051
Lead	7.57		0.398	0.611	1	09/20/2025 15:36	WG2604051
Molybdenum	U		0.0208	0.611	1	09/20/2025 15:36	WG2604051
Nickel	50.3		0.244	2.44	1	09/20/2025 15:36	WG2604051
Selenium	U		1.31	2.44	1	09/20/2025 15:36	WG2604051
Silver	0.207	J	0.155	1.22	1	09/20/2025 15:36	WG2604051
Thallium	U		0.633	2.44	1	09/20/2025 15:36	WG2604051
Vanadium	40.1		0.468	2.44	1	09/20/2025 15:36	WG2604051
Zinc	46.6		1.19	6.11	1	09/20/2025 15:36	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00788	0.0244	1	09/22/2025 20:15	WG2605157
Alpha BHC	U		0.00778	0.0244	1	09/22/2025 20:15	WG2605157
Beta BHC	U		0.00770	0.0244	1	09/22/2025 20:15	WG2605157
Delta BHC	U		0.00776	0.0244	1	09/22/2025 20:15	WG2605157
Gamma BHC	U		0.00826	0.0244	1	09/22/2025 20:15	WG2605157
4,4-DDD	U		0.00843	0.0244	1	09/22/2025 20:15	WG2605157
4,4-DDE	U		0.00822	0.0244	1	09/22/2025 20:15	WG2605157
4,4-DDT	U		0.00936	0.0244	1	09/22/2025 20:15	WG2605157
Dieldrin	U		0.00851	0.0244	1	09/22/2025 20:15	WG2605157
Endosulfan I	U		0.00738	0.0244	1	09/22/2025 20:15	WG2605157
Endosulfan II	U		0.00807	0.0244	1	09/22/2025 20:15	WG2605157
Endosulfan sulfate	U		0.00784	0.0244	1	09/22/2025 20:15	WG2605157
Endrin	U		0.00911	0.0244	1	09/22/2025 20:15	WG2605157
Endrin aldehyde	U		0.00721	0.0244	1	09/22/2025 20:15	WG2605157
Endrin ketone	U		0.00849	0.0244	1	09/22/2025 20:15	WG2605157
Heptachlor	U		0.00846	0.0244	1	09/22/2025 20:15	WG2605157
Heptachlor epoxide	U		0.00794	0.0244	1	09/22/2025 20:15	WG2605157
Hexachlorobenzene	U		0.00743	0.0244	1	09/22/2025 20:15	WG2605157
Methoxychlor	U		0.00984	0.0244	1	09/22/2025 20:15	WG2605157
Chlordane	U		0.121	0.366	1	09/22/2025 20:15	WG2605157
Toxaphene	U		0.261	0.489	1	09/22/2025 20:15	WG2605157
(S) Decachlorobiphenyl	97.7			10.0-135		09/22/2025 20:15	WG2605157
(S) Tetrachloro-m-xylene	92.5			10.0-139		09/22/2025 20:15	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.8		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.121		0.0213	0.0413	1	09/24/2025 12:18	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.714	2.07	1	09/20/2025 15:38	WG2604051
Arsenic	2.23		0.865	2.07	1	09/20/2025 15:38	WG2604051
Barium	888		0.0878	0.517	1	09/20/2025 15:38	WG2604051
Beryllium	0.275		0.0493	0.207	1	09/20/2025 15:38	WG2604051
Cadmium	0.426	J	0.0675	0.517	1	09/20/2025 15:38	WG2604051
Chromium	38.7		0.221	1.03	1	09/20/2025 15:38	WG2604051
Cobalt	9.74		0.183	1.03	1	09/20/2025 15:38	WG2604051
Copper	24.6		0.369	2.07	1	09/20/2025 15:38	WG2604051
Lead	5.87		0.337	0.517	1	09/20/2025 15:38	WG2604051
Molybdenum	0.719		0.0176	0.517	1	09/20/2025 15:38	WG2604051
Nickel	54.2		0.207	2.07	1	09/20/2025 15:38	WG2604051
Selenium	U		1.11	2.07	1	09/20/2025 15:38	WG2604051
Silver	0.165	J	0.131	1.03	1	09/20/2025 15:38	WG2604051
Thallium	U		0.535	2.07	1	09/20/2025 15:38	WG2604051
Vanadium	50.6		0.396	2.07	1	09/20/2025 15:38	WG2604051
Zinc	43.4		1.01	5.17	1	09/20/2025 15:38	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00666	0.0207	1	09/22/2025 21:38	WG2605157
Alpha BHC	U		0.00658	0.0207	1	09/22/2025 21:38	WG2605157
Beta BHC	U		0.00651	0.0207	1	09/22/2025 21:38	WG2605157
Delta BHC	U		0.00656	0.0207	1	09/22/2025 21:38	WG2605157
Gamma BHC	U		0.00698	0.0207	1	09/22/2025 21:38	WG2605157
4,4-DDD	U		0.00713	0.0207	1	09/22/2025 21:38	WG2605157
4,4-DDE	U		0.00695	0.0207	1	09/22/2025 21:38	WG2605157
4,4-DDT	U		0.00791	0.0207	1	09/22/2025 21:38	WG2605157
Dieldrin	U		0.00720	0.0207	1	09/22/2025 21:38	WG2605157
Endosulfan I	U		0.00624	0.0207	1	09/22/2025 21:38	WG2605157
Endosulfan II	U		0.00683	0.0207	1	09/22/2025 21:38	WG2605157
Endosulfan sulfate	U		0.00663	0.0207	1	09/22/2025 21:38	WG2605157
Endrin	U		0.00771	0.0207	1	09/22/2025 21:38	WG2605157
Endrin aldehyde	U		0.00610	0.0207	1	09/22/2025 21:38	WG2605157
Endrin ketone	U		0.00718	0.0207	1	09/22/2025 21:38	WG2605157
Heptachlor	U		0.00716	0.0207	1	09/22/2025 21:38	WG2605157
Heptachlor epoxide	U		0.00672	0.0207	1	09/22/2025 21:38	WG2605157
Hexachlorobenzene	U		0.00628	0.0207	1	09/22/2025 21:38	WG2605157
Methoxychlor	U	J3 J5	0.00833	0.0207	1	09/22/2025 21:38	WG2605157
Chlordane	U		0.102	0.310	1	09/22/2025 21:38	WG2605157
Toxaphene	U		0.221	0.413	1	09/22/2025 21:38	WG2605157
(S) Decachlorobiphenyl	115			10.0-135		09/22/2025 21:38	WG2605157
(S) Tetrachloro-m-xylene	76.0			10.0-139		09/22/2025 21:38	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	75.0		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Mercury	U		0.0275	0.0533	1	09/24/2025 12:20	WG2604241

Metals (ICP) by Method 6010D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.921	2.67	1	09/20/2025 15:40	WG2604051
Arsenic	1.79	J	1.12	2.67	1	09/20/2025 15:40	WG2604051
Barium	350		0.113	0.667	1	09/20/2025 15:40	WG2604051
Beryllium	0.406		0.0636	0.267	1	09/20/2025 15:40	WG2604051
Cadmium	0.117	J	0.0871	0.667	1	09/20/2025 15:40	WG2604051
Chromium	27.3		0.285	1.33	1	09/20/2025 15:40	WG2604051
Cobalt	6.56		0.236	1.33	1	09/20/2025 15:40	WG2604051
Copper	10.0		0.476	2.67	1	09/20/2025 15:40	WG2604051
Lead	8.71		0.435	0.667	1	09/20/2025 15:40	WG2604051
Molybdenum	U		0.0227	0.667	1	09/20/2025 15:40	WG2604051
Nickel	23.6		0.267	2.67	1	09/20/2025 15:40	WG2604051
Selenium	U		1.43	2.67	1	09/20/2025 15:40	WG2604051
Silver	U		0.169	1.33	1	09/20/2025 15:40	WG2604051
Thallium	U		0.691	2.67	1	09/20/2025 15:40	WG2604051
Vanadium	49.8		0.511	2.67	1	09/20/2025 15:40	WG2604051
Zinc	80.1		1.30	6.67	1	09/20/2025 15:40	WG2604051

Pesticides (GC) by Method 8081B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00860	0.0267	1	09/22/2025 20:24	WG2605157
Alpha BHC	U		0.00849	0.0267	1	09/22/2025 20:24	WG2605157
Beta BHC	U		0.00840	0.0267	1	09/22/2025 20:24	WG2605157
Delta BHC	U		0.00847	0.0267	1	09/22/2025 20:24	WG2605157
Gamma BHC	U		0.00901	0.0267	1	09/22/2025 20:24	WG2605157
4,4-DDD	U		0.00920	0.0267	1	09/22/2025 20:24	WG2605157
4,4-DDE	U		0.00897	0.0267	1	09/22/2025 20:24	WG2605157
4,4-DDT	U		0.0102	0.0267	1	09/22/2025 20:24	WG2605157
Dieldrin	U		0.00929	0.0267	1	09/22/2025 20:24	WG2605157
Endosulfan I	U		0.00805	0.0267	1	09/22/2025 20:24	WG2605157
Endosulfan II	U		0.00881	0.0267	1	09/22/2025 20:24	WG2605157
Endosulfan sulfate	U		0.00856	0.0267	1	09/22/2025 20:24	WG2605157
Endrin	U		0.00995	0.0267	1	09/22/2025 20:24	WG2605157
Endrin aldehyde	U		0.00787	0.0267	1	09/22/2025 20:24	WG2605157
Endrin ketone	U		0.00927	0.0267	1	09/22/2025 20:24	WG2605157
Heptachlor	U		0.00924	0.0267	1	09/22/2025 20:24	WG2605157
Heptachlor epoxide	U		0.00867	0.0267	1	09/22/2025 20:24	WG2605157
Hexachlorobenzene	U		0.00811	0.0267	1	09/22/2025 20:24	WG2605157
Methoxychlor	U		0.0107	0.0267	1	09/22/2025 20:24	WG2605157
Chlordane	U		0.132	0.400	1	09/22/2025 20:24	WG2605157
Toxaphene	U		0.285	0.533	1	09/22/2025 20:24	WG2605157
(S) Decachlorobiphenyl	74.7			10.0-135		09/22/2025 20:24	WG2605157
(S) Tetrachloro-m-xylene	78.2			10.0-139		09/22/2025 20:24	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.3		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.175		0.0212	0.0411	1	09/24/2025 12:23	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.710	2.05	1	09/20/2025 15:41	WG2604051
Arsenic	2.05	J	0.860	2.05	1	09/20/2025 15:41	WG2604051
Barium	1090		0.0873	0.514	1	09/20/2025 15:41	WG2604051
Beryllium	0.258		0.0490	0.205	1	09/20/2025 15:41	WG2604051
Cadmium	0.543		0.0671	0.514	1	09/20/2025 15:41	WG2604051
Chromium	49.3		0.220	1.03	1	09/20/2025 15:41	WG2604051
Cobalt	11.0		0.182	1.03	1	09/20/2025 15:41	WG2604051
Copper	27.2		0.367	2.05	1	09/20/2025 15:41	WG2604051
Lead	5.22		0.335	0.514	1	09/20/2025 15:41	WG2604051
Molybdenum	1.02		0.0175	0.514	1	09/20/2025 15:41	WG2604051
Nickel	61.5		0.205	2.05	1	09/20/2025 15:41	WG2604051
Selenium	1.22	IJ	1.10	2.05	1	09/20/2025 15:41	WG2604051
Silver	0.210	IJ	0.130	1.03	1	09/20/2025 15:41	WG2604051
Thallium	U		0.532	2.05	1	09/20/2025 15:41	WG2604051
Vanadium	56.9		0.393	2.05	1	09/20/2025 15:41	WG2604051
Zinc	44.4		1.00	5.14	1	09/20/2025 15:41	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00663	0.0205	1	09/22/2025 21:20	WG2605157
Alpha BHC	U		0.00654	0.0205	1	09/22/2025 21:20	WG2605157
Beta BHC	U		0.00647	0.0205	1	09/22/2025 21:20	WG2605157
Delta BHC	U		0.00652	0.0205	1	09/22/2025 21:20	WG2605157
Gamma BHC	U		0.00694	0.0205	1	09/22/2025 21:20	WG2605157
4,4-DDD	U		0.00709	0.0205	1	09/22/2025 21:20	WG2605157
4,4-DDE	U		0.00691	0.0205	1	09/22/2025 21:20	WG2605157
4,4-DDT	U		0.00787	0.0205	1	09/22/2025 21:20	WG2605157
Dieldrin	U		0.00716	0.0205	1	09/22/2025 21:20	WG2605157
Endosulfan I	U		0.00620	0.0205	1	09/22/2025 21:20	WG2605157
Endosulfan II	U		0.00679	0.0205	1	09/22/2025 21:20	WG2605157
Endosulfan sulfate	U		0.00660	0.0205	1	09/22/2025 21:20	WG2605157
Endrin	U		0.00766	0.0205	1	09/22/2025 21:20	WG2605157
Endrin aldehyde	U		0.00606	0.0205	1	09/22/2025 21:20	WG2605157
Endrin ketone	U		0.00714	0.0205	1	09/22/2025 21:20	WG2605157
Heptachlor	U		0.00712	0.0205	1	09/22/2025 21:20	WG2605157
Heptachlor epoxide	U		0.00668	0.0205	1	09/22/2025 21:20	WG2605157
Hexachlorobenzene	U		0.00625	0.0205	1	09/22/2025 21:20	WG2605157
Methoxychlor	U		0.00828	0.0205	1	09/22/2025 21:20	WG2605157
Chlordane	U		0.102	0.308	1	09/22/2025 21:20	WG2605157
Toxaphene	U		0.220	0.411	1	09/22/2025 21:20	WG2605157
(S) Decachlorobiphenyl	90.7			10.0-135		09/22/2025 21:20	WG2605157
(S) Tetrachloro-m-xylene	75.7			10.0-139		09/22/2025 21:20	WG2605157

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.0		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0383	J	0.0257	0.0500	1	09/24/2025 12:26	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.864	2.50	1	09/20/2025 15:43	WG2604051
Arsenic	1.95	J	1.05	2.50	1	09/20/2025 15:43	WG2604051
Barium	277		0.106	0.625	1	09/20/2025 15:43	WG2604051
Beryllium	0.724		0.0596	0.250	1	09/20/2025 15:43	WG2604051
Cadmium	0.183	J	0.0816	0.625	1	09/20/2025 15:43	WG2604051
Chromium	70.4		0.267	1.25	1	09/20/2025 15:43	WG2604051
Cobalt	10.9		0.221	1.25	1	09/20/2025 15:43	WG2604051
Copper	31.0		0.446	2.50	1	09/20/2025 15:43	WG2604051
Lead	10.0		0.407	0.625	1	09/20/2025 15:43	WG2604051
Molybdenum	U		0.0212	0.625	1	09/20/2025 15:43	WG2604051
Nickel	65.5		0.250	2.50	1	09/20/2025 15:43	WG2604051
Selenium	U		1.34	2.50	1	09/20/2025 15:43	WG2604051
Silver	0.231	J	0.159	1.25	1	09/20/2025 15:43	WG2604051
Thallium	U		0.647	2.50	1	09/20/2025 15:43	WG2604051
Vanadium	56.2		0.479	2.50	1	09/20/2025 15:43	WG2604051
Zinc	56.2		1.22	6.25	1	09/20/2025 15:43	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00806	0.0250	1	09/22/2025 20:33	WG2605157
Alpha BHC	U		0.00796	0.0250	1	09/22/2025 20:33	WG2605157
Beta BHC	U		0.00787	0.0250	1	09/22/2025 20:33	WG2605157
Delta BHC	U		0.00794	0.0250	1	09/22/2025 20:33	WG2605157
Gamma BHC	U		0.00845	0.0250	1	09/22/2025 20:33	WG2605157
4,4-DDD	U		0.00862	0.0250	1	09/22/2025 20:33	WG2605157
4,4-DDE	U		0.00841	0.0250	1	09/22/2025 20:33	WG2605157
4,4-DDT	U		0.00957	0.0250	1	09/22/2025 20:33	WG2605157
Dieldrin	U		0.00871	0.0250	1	09/22/2025 20:33	WG2605157
Endosulfan I	U		0.00755	0.0250	1	09/22/2025 20:33	WG2605157
Endosulfan II	U		0.00826	0.0250	1	09/22/2025 20:33	WG2605157
Endosulfan sulfate	U		0.00802	0.0250	1	09/22/2025 20:33	WG2605157
Endrin	U		0.00932	0.0250	1	09/22/2025 20:33	WG2605157
Endrin aldehyde	U		0.00737	0.0250	1	09/22/2025 20:33	WG2605157
Endrin ketone	U		0.00869	0.0250	1	09/22/2025 20:33	WG2605157
Heptachlor	U		0.00866	0.0250	1	09/22/2025 20:33	WG2605157
Heptachlor epoxide	U		0.00812	0.0250	1	09/22/2025 20:33	WG2605157
Hexachlorobenzene	U		0.00760	0.0250	1	09/22/2025 20:33	WG2605157
Methoxychlor	U		0.0101	0.0250	1	09/22/2025 20:33	WG2605157
Chlordane	U		0.124	0.375	1	09/22/2025 20:33	WG2605157
Toxaphene	U		0.267	0.500	1	09/22/2025 20:33	WG2605157
(S) Decachlorobiphenyl	63.1			10.0-135		09/22/2025 20:33	WG2605157
(S) Tetrachloro-m-xylene	72.1			10.0-139		09/22/2025 20:33	WG2605157



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.2		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0447		0.0216	0.0420	1	09/24/2025 12:28	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.726	2.10	1	09/20/2025 15:44	WG2604051
Arsenic	3.97		0.879	2.10	1	09/20/2025 15:44	WG2604051
Barium	249		0.0892	0.525	1	09/20/2025 15:44	WG2604051
Beryllium	0.335		0.0501	0.210	1	09/20/2025 15:44	WG2604051
Cadmium	0.218	J	0.0686	0.525	1	09/20/2025 15:44	WG2604051
Chromium	73.6		0.225	1.05	1	09/20/2025 15:44	WG2604051
Cobalt	13.2		0.186	1.05	1	09/20/2025 15:44	WG2604051
Copper	49.3		0.375	2.10	1	09/20/2025 15:44	WG2604051
Lead	13.2		0.342	0.525	1	09/20/2025 15:44	WG2604051
Molybdenum	1.02		0.0178	0.525	1	09/20/2025 15:44	WG2604051
Nickel	61.6		0.210	2.10	1	09/20/2025 15:44	WG2604051
Selenium	U		1.12	2.10	1	09/20/2025 15:44	WG2604051
Silver	0.184	J	0.133	1.05	1	09/20/2025 15:44	WG2604051
Thallium	U		0.544	2.10	1	09/20/2025 15:44	WG2604051
Vanadium	86.6		0.402	2.10	1	09/20/2025 15:44	WG2604051
Zinc	51.7		1.02	5.25	1	09/20/2025 15:44	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.135	0.420	20	09/24/2025 01:36	WG2605999
Alpha BHC	U		0.133	0.420	20	09/24/2025 01:36	WG2605999
Beta BHC	U		0.132	0.420	20	09/24/2025 01:36	WG2605999
Delta BHC	U		0.133	0.420	20	09/24/2025 01:36	WG2605999
Gamma BHC	U		0.142	0.420	20	09/24/2025 01:36	WG2605999
4,4-DDD	U		0.145	0.420	20	09/24/2025 01:36	WG2605999
4,4-DDE	U		0.142	0.420	20	09/24/2025 01:36	WG2605999
4,4-DDT	U		0.161	0.420	20	09/24/2025 01:36	WG2605999
Dieldrin	U		0.146	0.420	20	09/24/2025 01:36	WG2605999
Endosulfan I	U		0.127	0.420	20	09/24/2025 01:36	WG2605999
Endosulfan II	U		0.139	0.420	20	09/24/2025 01:36	WG2605999
Endosulfan sulfate	U		0.134	0.420	20	09/24/2025 01:36	WG2605999
Endrin	U		0.156	0.420	20	09/24/2025 01:36	WG2605999
Endrin aldehyde	U		0.124	0.420	20	09/24/2025 01:36	WG2605999
Endrin ketone	U		0.146	0.420	20	09/24/2025 01:36	WG2605999
Heptachlor	U		0.146	0.420	20	09/24/2025 01:36	WG2605999
Heptachlor epoxide	U		0.136	0.420	20	09/24/2025 01:36	WG2605999
Hexachlorobenzene	U		0.128	0.420	20	09/24/2025 01:36	WG2605999
Methoxychlor	U		0.169	0.420	20	09/24/2025 01:36	WG2605999
Chlordane	U		2.08	6.30	20	09/24/2025 01:36	WG2605999
Toxaphene	U		4.49	8.40	20	09/24/2025 01:36	WG2605999
(S) Decachlorobiphenyl	65.7	J7		10.0-135		09/24/2025 01:36	WG2605999
(S) Tetrachloro-m-xylene	70.4	J7		10.0-139		09/24/2025 01:36	WG2605999

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Pesticides (GC) by Method 8081B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
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Sample Narrative:

L1899525-29 WG2605999: Cannot run at lower dilution due to viscosity of extract

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	09/19/2025 07:34	WG2603991

Mercury by Method 7471B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0412	J	0.0255	0.0495	1	09/24/2025 12:31	WG2604241

Metals (ICP) by Method 6010D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.856	2.48	1	09/20/2025 15:46	WG2604051
Arsenic	2.55		1.04	2.48	1	09/20/2025 15:46	WG2604051
Barium	351		0.105	0.619	1	09/20/2025 15:46	WG2604051
Beryllium	0.689		0.0591	0.248	1	09/20/2025 15:46	WG2604051
Cadmium	0.203	J	0.0809	0.619	1	09/20/2025 15:46	WG2604051
Chromium	75.6		0.265	1.24	1	09/20/2025 15:46	WG2604051
Cobalt	14.4		0.219	1.24	1	09/20/2025 15:46	WG2604051
Copper	33.1		0.442	2.48	1	09/20/2025 15:46	WG2604051
Lead	10.9		0.404	0.619	1	09/20/2025 15:46	WG2604051
Molybdenum	0.615	J	0.0211	0.619	1	09/20/2025 15:46	WG2604051
Nickel	78.7		0.248	2.48	1	09/20/2025 15:46	WG2604051
Selenium	U		1.33	2.48	1	09/20/2025 15:46	WG2604051
Silver	0.310	J	0.157	1.24	1	09/20/2025 15:46	WG2604051
Thallium	U		0.642	2.48	1	09/20/2025 15:46	WG2604051
Vanadium	65.3		0.474	2.48	1	09/20/2025 15:46	WG2604051
Zinc	60.7		1.21	6.19	1	09/20/2025 15:46	WG2604051

Pesticides (GC) by Method 8081B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.00799	0.0248	1	09/25/2025 03:52	WG2606601
Alpha BHC	U		0.00789	0.0248	1	09/25/2025 03:52	WG2606601
Beta BHC	U		0.00780	0.0248	1	09/25/2025 03:52	WG2606601
Delta BHC	U		0.00787	0.0248	1	09/25/2025 03:52	WG2606601
Gamma BHC	U		0.00837	0.0248	1	09/25/2025 03:52	WG2606601
4,4-DDD	U		0.00855	0.0248	1	09/25/2025 03:52	WG2606601
4,4-DDE	U		0.00834	0.0248	1	09/25/2025 03:52	WG2606601
4,4-DDT	U		0.00949	0.0248	1	09/25/2025 03:52	WG2606601
Dieldrin	U		0.00863	0.0248	1	09/25/2025 03:52	WG2606601
Endosulfan I	U		0.00748	0.0248	1	09/25/2025 03:52	WG2606601
Endosulfan II	U		0.00819	0.0248	1	09/25/2025 03:52	WG2606601
Endosulfan sulfate	U		0.00795	0.0248	1	09/25/2025 03:52	WG2606601
Endrin	U	J4	0.00924	0.0248	1	09/25/2025 03:52	WG2606601
Endrin aldehyde	U		0.00731	0.0248	1	09/25/2025 03:52	WG2606601
Endrin ketone	U	J4	0.00861	0.0248	1	09/25/2025 03:52	WG2606601
Heptachlor	U		0.00858	0.0248	1	09/25/2025 03:52	WG2606601
Heptachlor epoxide	U		0.00805	0.0248	1	09/25/2025 03:52	WG2606601
Hexachlorobenzene	U		0.00753	0.0248	1	09/25/2025 03:52	WG2606601
Methoxychlor	U		0.00998	0.0248	1	09/25/2025 03:52	WG2606601
Chlordane	U		0.123	0.372	1	09/25/2025 03:52	WG2606601
Toxaphene	U		0.265	0.495	1	09/25/2025 03:52	WG2606601
(S) Decachlorobiphenyl	57.2			10.0-135		09/25/2025 03:52	WG2606601
(S) Tetrachloro-m-xylene	64.9			10.0-139		09/25/2025 03:52	WG2606601



Method Blank (MB)

(MB) R4275950-1 09/19/25 08:01

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1899494-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1899494-09 09/19/25 08:01 • (DUP) R4275950-3 09/19/25 08:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	90.5	89.7	1	0.839		10

Laboratory Control Sample (LCS)

(LCS) R4275950-2 09/19/25 08:01

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4275947-1 09/19/25 07:52

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1899525-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1899525-03 09/19/25 07:52 • (DUP) R4275947-3 09/19/25 07:52

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	83.1	85.0	1	2.24		10

Laboratory Control Sample (LCS)

(LCS) R4275947-2 09/19/25 07:52

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4275941-1 09/19/25 07:42

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1899525-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1899525-13 09/19/25 07:42 • (DUP) R4275941-3 09/19/25 07:42

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	96.2	95.9	1	0.266		10

Laboratory Control Sample (LCS)

(LCS) R4275941-2 09/19/25 07:42

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4275937-1 09/19/25 07:34

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

L1899525-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1899525-23 09/19/25 07:34 • (DUP) R4275937-3 09/19/25 07:34

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	96.5	96.1	1	0.496		10

Laboratory Control Sample (LCS)

(LCS) R4275937-2 09/19/25 07:34

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

Method Blank (MB)

(MB) R4277766-1 09/24/25 11:25

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Mercury	U		0.0206	0.0400

Laboratory Control Sample (LCS)

(LCS) R4277766-2 09/24/25 11:27

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Mercury	0.500	0.500	100	80.0-120	

L1899557-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899557-02 09/24/25 11:30 • (MS) R4277766-4 09/24/25 11:35 • (MSD) R4277766-5 09/24/25 11:46

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg				%	%		%			%	%
Mercury	0.537	U	0.570	0.607	106	113	1	75.0-125			6.24	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4276342-1 09/20/25 15:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.691	2.00
Arsenic	U		0.837	2.00
Barium	U		0.0850	0.500
Beryllium	U		0.0477	0.200
Cadmium	U		0.0653	0.500
Chromium	U		0.214	1.00
Cobalt	U		0.177	1.00
Copper	U		0.357	2.00
Lead	U		0.326	0.500
Molybdenum	U		0.0170	0.500
Nickel	U		0.200	2.00
Selenium	U		1.07	2.00
Silver	U		0.127	1.00
Thallium	U		0.518	2.00
Vanadium	U		0.383	2.00
Zinc	U		0.974	5.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4276342-2 09/20/25 15:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Antimony	100	86.0	86.0	80.0-120	
Arsenic	100	86.8	86.8	80.0-120	
Barium	100	91.3	91.3	80.0-120	
Beryllium	100	90.4	90.4	80.0-120	
Cadmium	100	86.2	86.2	80.0-120	
Chromium	100	91.3	91.3	80.0-120	
Cobalt	100	84.8	84.8	80.0-120	
Copper	100	90.1	90.1	80.0-120	
Lead	100	84.9	84.9	80.0-120	
Molybdenum	100	89.5	89.5	80.0-120	
Nickel	100	84.8	84.8	80.0-120	
Selenium	100	85.2	85.2	80.0-120	
Silver	20.0	17.7	88.3	80.0-120	
Thallium	100	89.3	89.3	80.0-120	
Vanadium	100	88.1	88.1	80.0-120	
Zinc	100	87.9	87.9	80.0-120	

L1899557-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899557-02 09/20/25 15:15 • (MS) R4276342-5 09/20/25 15:20 • (MSD) R4276342-6 09/20/25 15:21

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	107	U	93.3	94.1	86.9	87.7	1	75.0-125			0.878	20
Arsenic	107	3.03	104	102	93.9	92.0	1	75.0-125			1.97	20
Barium	107	49.4	153	141	96.4	85.5	1	75.0-125			7.93	20
Beryllium	107	0.344	104	102	96.9	94.9	1	75.0-125			2.07	20
Cadmium	107	0.0972	100	98.0	93.1	91.2	1	75.0-125			2.09	20
Chromium	107	14.2	119	115	97.7	93.6	1	75.0-125			3.81	20
Cobalt	107	2.11	104	101	95.4	92.5	1	75.0-125			2.94	20
Copper	107	6.12	112	107	98.6	94.2	1	75.0-125			4.33	20
Lead	107	6.30	108	103	94.9	90.4	1	75.0-125			4.58	20
Molybdenum	107	1.40	104	101	95.7	93.2	1	75.0-125			2.53	20
Nickel	107	5.08	106	103	93.8	91.4	1	75.0-125			2.41	20
Selenium	107	U	99.0	96.5	92.2	89.9	1	75.0-125			2.58	20
Silver	21.5	U	20.7	20.2	96.2	94.1	1	75.0-125			2.21	20
Thallium	107	U	105	102	97.7	95.4	1	75.0-125			2.36	20
Vanadium	107	15.7	117	115	94.3	92.2	1	75.0-125			1.89	20
Zinc	107	29.0	130	123	93.9	87.5	1	75.0-125			5.43	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4277694-3 09/20/25 02:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277694-1 09/20/25 00:36 • (LCSD) R4277694-2 09/20/25 00:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	5.32	5.46	106	109	72.0-125			2.60	20
(S) a,a,a-Trifluorotoluene(FID)				113	112	77.0-120				

L1899037-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899037-01 09/20/25 06:24 • (MS) R4277694-4 09/20/25 06:47 • (MSD) R4277694-5 09/20/25 07:10

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	1250	2060	3500	2950	116	71.1	200	10.0-141	E	E	17.2	29
(S) a,a,a-Trifluorotoluene(FID)					112	111		77.0-120				

Method Blank (MB)

(MB) R4277848-3 09/21/25 11:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	U		2.00	2.50
(S) a,a,a-Trifluorotoluene(FID)	99.6			77.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277848-1 09/21/25 10:10 • (LCSD) R4277848-2 09/21/25 10:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.00	4.09	4.19	81.8	83.8	72.0-125			2.42	20
(S) a,a,a-Trifluorotoluene(FID)				104	105	77.0-120				

L1899785-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899785-02 09/21/25 12:37 • (MS) R4277848-4 09/21/25 20:46 • (MSD) R4277848-5 09/21/25 21:09

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	162	U	151	152	92.8	93.6	25	10.0-141			0.858	29
(S) a,a,a-Trifluorotoluene(FID)					105	105		77.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4276902-3 09/20/25 00:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4276902-3 09/20/25 00:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Vinyl chloride	U		0.00201	0.00250
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	110			75.0-131
(S) 4-Bromofluorobenzene	93.0			67.0-138
(S) 1,2-Dichloroethane-d4	86.2			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

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⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4276902-1 09/19/25 22:22 • (LCSD) R4276902-2 09/19/25 22:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.13	3.51	3.21	112	103	10.0-160			8.93	31
Acrylonitrile	3.13	2.53	2.48	80.8	79.2	45.0-153			2.00	22
Benzene	0.625	0.567	0.557	90.7	89.1	70.0-123			1.78	20
Bromobenzene	0.625	0.634	0.619	101	99.0	73.0-121			2.39	20
Bromodichloromethane	0.625	0.591	0.581	94.6	93.0	73.0-121			1.71	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4276902-1 09/19/25 22:22 • (LCSD) R4276902-2 09/19/25 22:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.625	0.547	0.537	87.5	85.9	64.0-132			1.85	20
Bromomethane	0.625	0.783	0.854	125	137	56.0-147			8.67	20
n-Butylbenzene	0.625	0.690	0.685	110	110	68.0-135			0.727	20
sec-Butylbenzene	0.625	0.705	0.693	113	111	74.0-130			1.72	20
tert-Butylbenzene	0.625	0.672	0.662	108	106	75.0-127			1.50	20
Carbon tetrachloride	0.625	0.698	0.685	112	110	66.0-128			1.88	20
Chlorobenzene	0.625	0.664	0.654	106	105	76.0-128			1.52	20
Chlorodibromomethane	0.625	0.654	0.635	105	102	74.0-127			2.95	20
Chloroethane	0.625	0.630	0.644	101	103	61.0-134			2.20	20
Chloroform	0.625	0.514	0.509	82.2	81.4	72.0-123			0.978	20
Chloromethane	0.625	0.565	0.580	90.4	92.8	51.0-138			2.62	20
2-Chlorotoluene	0.625	0.723	0.673	116	108	75.0-124			7.16	20
4-Chlorotoluene	0.625	0.623	0.612	99.7	97.9	75.0-124			1.78	20
1,2-Dibromo-3-Chloropropane	0.625	0.431	0.420	69.0	67.2	59.0-130			2.59	20
1,2-Dibromoethane	0.625	0.602	0.588	96.3	94.1	74.0-128			2.35	20
Dibromomethane	0.625	0.579	0.565	92.6	90.4	75.0-122			2.45	20
1,2-Dichlorobenzene	0.625	0.686	0.666	110	107	76.0-124			2.96	20
1,3-Dichlorobenzene	0.625	0.669	0.647	107	104	76.0-125			3.34	20
1,4-Dichlorobenzene	0.625	0.661	0.649	106	104	77.0-121			1.83	20
Dichlorodifluoromethane	0.625	0.564	0.553	90.2	88.5	43.0-156			1.97	20
1,1-Dichloroethane	0.625	0.587	0.572	93.9	91.5	70.0-127			2.59	20
1,2-Dichloroethane	0.625	0.527	0.511	84.3	81.8	65.0-131			3.08	20
1,1-Dichloroethene	0.625	0.595	0.576	95.2	92.2	65.0-131			3.25	20
cis-1,2-Dichloroethene	0.625	0.589	0.585	94.2	93.6	73.0-125			0.681	20
trans-1,2-Dichloroethene	0.625	0.569	0.565	91.0	90.4	71.0-125			0.705	20
1,2-Dichloropropane	0.625	0.583	0.565	93.3	90.4	74.0-125			3.14	20
1,1-Dichloropropene	0.625	0.629	0.611	101	97.8	73.0-125			2.90	20
1,3-Dichloropropane	0.625	0.594	0.588	95.0	94.1	80.0-125			1.02	20
cis-1,3-Dichloropropene	0.625	0.572	0.559	91.5	89.4	76.0-127			2.30	20
trans-1,3-Dichloropropene	0.625	0.599	0.584	95.8	93.4	73.0-127			2.54	20
2,2-Dichloropropane	0.625	0.518	0.514	82.9	82.2	59.0-135			0.775	20
Di-isopropyl ether	0.625	0.635	0.628	102	100	60.0-136			1.11	20
Ethylbenzene	0.625	0.648	0.629	104	101	74.0-126			2.98	20
Hexachloro-1,3-butadiene	0.625	0.606	0.592	97.0	94.7	57.0-150			2.34	20
Isopropylbenzene	0.625	0.683	0.668	109	107	72.0-127			2.22	20
p-Isopropyltoluene	0.625	0.708	0.690	113	110	72.0-133			2.58	20
2-Butanone (MEK)	3.13	2.33	2.16	74.4	69.0	30.0-160			7.57	24
Methylene Chloride	0.625	0.588	0.586	94.1	93.8	68.0-123			0.341	20
4-Methyl-2-pentanone (MIBK)	3.13	2.73	2.64	87.2	84.3	56.0-143			3.35	20
Methyl tert-butyl ether	0.625	0.492	0.484	78.7	77.4	66.0-132			1.64	20

1Cp

2Tc

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6Sr

7Qc

8Gl

9Al

10Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4276902-1 09/19/25 22:22 • (LCSD) R4276902-2 09/19/25 22:42

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Naphthalene	0.625	0.443	0.445	70.9	71.2	59.0-130			0.450	20
n-Propylbenzene	0.625	0.666	0.655	107	105	74.0-126			1.67	20
Styrene	0.625	0.618	0.603	98.9	96.5	72.0-127			2.46	20
1,1,1,2-Tetrachloroethane	0.625	0.652	0.632	104	101	74.0-129			3.12	20
1,1,2,2-Tetrachloroethane	0.625	0.495	0.489	79.2	78.2	68.0-128			1.22	20
1,1,2-Trichlorotrifluoroethane	0.625	0.697	0.678	112	108	61.0-139			2.76	20
Tetrachloroethene	0.625	0.701	0.679	112	109	70.0-136			3.19	20
Toluene	0.625	0.634	0.617	101	98.7	75.0-121			2.72	20
1,2,3-Trichlorobenzene	0.625	0.526	0.530	84.2	84.8	59.0-139			0.758	20
1,2,4-Trichlorobenzene	0.625	0.596	0.588	95.4	94.1	62.0-137			1.35	20
1,1,1-Trichloroethane	0.625	0.615	0.599	98.4	95.8	69.0-126			2.64	20
1,1,2-Trichloroethane	0.625	0.592	0.577	94.7	92.3	78.0-123			2.57	20
Trichloroethene	0.625	0.708	0.681	113	109	76.0-126			3.89	20
Trichlorofluoromethane	0.625	0.673	0.666	108	107	61.0-142			1.05	20
1,2,3-Trichloropropane	0.625	0.517	0.496	82.7	79.4	67.0-129			4.15	20
1,2,4-Trimethylbenzene	0.625	0.655	0.635	105	102	70.0-126			3.10	20
1,2,3-Trimethylbenzene	0.625	0.655	0.648	105	104	74.0-124			1.07	20
1,3,5-Trimethylbenzene	0.625	0.650	0.631	104	101	73.0-127			2.97	20
Vinyl chloride	0.625	0.530	0.534	84.8	85.4	63.0-134			0.752	20
Xylenes, Total	1.88	1.91	1.86	102	98.9	72.0-127			2.65	20
(S) Toluene-d8				104	104	75.0-131				
(S) 4-Bromofluorobenzene				90.5	88.3	67.0-138				
(S) 1,2-Dichloroethane-d4				96.1	94.8	70.0-130				

¹Cp

²Tc

³Ss

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⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4276510-2 09/19/25 11:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4276510-2 09/19/25 11:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
Naphthalene	U		0.00763	0.0125
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Vinyl chloride	U		0.00201	0.00250
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	103			75.0-131
(S) 4-Bromofluorobenzene	110			67.0-138
(S) 1,2-Dichloroethane-d4	92.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4276510-1 09/19/25 09:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	3.13	4.51	144	10.0-160	
Acrylonitrile	3.13	3.53	113	45.0-153	
Benzene	0.625	0.542	86.7	70.0-123	
Bromobenzene	0.625	0.590	94.4	73.0-121	
Bromodichloromethane	0.625	0.635	102	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4276510-1 09/19/25 09:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Bromoform	0.625	0.663	106	64.0-132	
Bromomethane	0.625	0.652	104	56.0-147	
n-Butylbenzene	0.625	0.558	89.3	68.0-135	
sec-Butylbenzene	0.625	0.522	83.5	74.0-130	
tert-Butylbenzene	0.625	0.631	101	75.0-127	
Carbon tetrachloride	0.625	0.713	114	66.0-128	
Chlorobenzene	0.625	0.610	97.6	76.0-128	
Chlorodibromomethane	0.625	0.628	100	74.0-127	
Chloroethane	0.625	0.728	116	61.0-134	
Chloroform	0.625	0.544	87.0	72.0-123	
Chloromethane	0.625	0.744	119	51.0-138	
2-Chlorotoluene	0.625	0.568	90.9	75.0-124	
4-Chlorotoluene	0.625	0.525	84.0	75.0-124	
1,2-Dibromo-3-Chloropropane	0.625	0.597	95.5	59.0-130	
1,2-Dibromoethane	0.625	0.577	92.3	74.0-128	
Dibromomethane	0.625	0.585	93.6	75.0-122	
1,2-Dichlorobenzene	0.625	0.522	83.5	76.0-124	
1,3-Dichlorobenzene	0.625	0.558	89.3	76.0-125	
1,4-Dichlorobenzene	0.625	0.519	83.0	77.0-121	
Dichlorodifluoromethane	0.625	0.485	77.6	43.0-156	
1,1-Dichloroethane	0.625	0.613	98.1	70.0-127	
1,2-Dichloroethane	0.625	0.646	103	65.0-131	
1,1-Dichloroethene	0.625	0.799	128	65.0-131	
cis-1,2-Dichloroethene	0.625	0.531	85.0	73.0-125	
trans-1,2-Dichloroethene	0.625	0.674	108	71.0-125	
1,2-Dichloropropane	0.625	0.569	91.0	74.0-125	
1,1-Dichloropropene	0.625	0.627	100	73.0-125	
1,3-Dichloropropane	0.625	0.520	83.2	80.0-125	
cis-1,3-Dichloropropene	0.625	0.681	109	76.0-127	
trans-1,3-Dichloropropene	0.625	0.856	137	73.0-127	J4
2,2-Dichloropropane	0.625	0.669	107	59.0-135	
Di-isopropyl ether	0.625	0.673	108	60.0-136	
Ethylbenzene	0.625	0.667	107	74.0-126	
Hexachloro-1,3-butadiene	0.625	0.828	132	57.0-150	
Isopropylbenzene	0.625	0.692	111	72.0-127	
p-Isopropyltoluene	0.625	0.628	100	72.0-133	
2-Butanone (MEK)	3.13	3.60	115	30.0-160	
Methylene Chloride	0.625	0.836	134	68.0-123	J4
4-Methyl-2-pentanone (MIBK)	3.13	3.63	116	56.0-143	
Methyl tert-butyl ether	0.625	0.722	116	66.0-132	

¹Cp

²Tc

³Ss

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Laboratory Control Sample (LCS)

(LCS) R4276510-1 09/19/25 09:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Naphthalene	0.625	0.660	106	59.0-130	
n-Propylbenzene	0.625	0.517	82.7	74.0-126	
Styrene	0.625	0.702	112	72.0-127	
1,1,1,2-Tetrachloroethane	0.625	0.592	94.7	74.0-129	
1,1,2,2-Tetrachloroethane	0.625	0.369	59.0	68.0-128	J4
1,1,2-Trichlorotrifluoroethane	0.625	0.809	129	61.0-139	
Tetrachloroethene	0.625	0.806	129	70.0-136	
Toluene	0.625	0.735	118	75.0-121	
1,2,3-Trichlorobenzene	0.625	0.686	110	59.0-139	
1,2,4-Trichlorobenzene	0.625	0.655	105	62.0-137	
1,1,1-Trichloroethane	0.625	0.714	114	69.0-126	
1,1,2-Trichloroethane	0.625	0.663	106	78.0-123	
Trichloroethene	0.625	0.582	93.1	76.0-126	
Trichlorofluoromethane	0.625	0.891	143	61.0-142	J4
1,2,3-Trichloropropane	0.625	0.563	90.1	67.0-129	
1,2,4-Trimethylbenzene	0.625	0.615	98.4	70.0-126	
1,2,3-Trimethylbenzene	0.625	0.548	87.7	74.0-124	
1,3,5-Trimethylbenzene	0.625	0.593	94.9	73.0-127	
Vinyl chloride	0.625	0.672	108	63.0-134	
Xylenes, Total	1.88	2.09	111	72.0-127	
(S) Toluene-d8			126	75.0-131	
(S) 4-Bromofluorobenzene			117	67.0-138	
(S) 1,2-Dichloroethane-d4			116	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4279950-1 09/28/25 04:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.53	4.00
C22-C32 Hydrocarbons	U		2.53	4.00
C32-C40 Hydrocarbons	U		2.53	4.00
(S) o-Terphenyl	74.3			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4279950-2 09/28/25 04:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C12-C22 Hydrocarbons	25.0	20.4	81.6	50.0-150	
C22-C32 Hydrocarbons	25.0	19.0	76.0	50.0-150	
(S) o-Terphenyl			46.4	18.0-148	

L1899525-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899525-02 09/28/25 07:31 • (MS) R4279950-3 09/28/25 07:45 • (MSD) R4279950-4 09/28/25 07:59

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	31.0	U	24.9	25.0	80.3	81.1	1	50.0-150			0.509	20
C22-C32 Hydrocarbons	31.0	U	24.9	24.8	80.3	80.2	1	50.0-150			0.512	20
(S) o-Terphenyl					48.0	50.8		18.0-148				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4279951-1 09/28/25 11:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		2.53	4.00
C22-C32 Hydrocarbons	U		2.53	4.00
C32-C40 Hydrocarbons	U		2.53	4.00
(S) o-Terphenyl	70.1			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4279951-2 09/28/25 11:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C12-C22 Hydrocarbons	25.0	18.9	75.6	50.0-150	
C22-C32 Hydrocarbons	25.0	18.8	75.2	50.0-150	
(S) o-Terphenyl			44.1	18.0-148	

L1899554-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899554-01 09/28/25 15:14 • (MS) R4279951-3 09/28/25 15:28 • (MSD) R4279951-4 09/28/25 15:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C12-C22 Hydrocarbons	24.8	U	17.1	17.6	69.0	70.2	1	50.0-150			2.95	20
C22-C32 Hydrocarbons	24.8	U	15.6	16.9	62.8	67.3	1	50.0-150			8.20	20
(S) o-Terphenyl					48.0	52.8		18.0-148				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4277314-1 09/22/25 18:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00645	0.0200
Alpha BHC	U		0.00637	0.0200
Beta BHC	U		0.00630	0.0200
Delta BHC	U		0.00635	0.0200
Gamma BHC	U		0.00676	0.0200
4,4-DDD	U		0.00690	0.0200
4,4-DDE	U		0.00673	0.0200
4,4-DDT	U		0.00766	0.0200
Dieldrin	U		0.00697	0.0200
Endosulfan I	U		0.00604	0.0200
Endosulfan II	U		0.00661	0.0200
Endosulfan sulfate	U		0.00642	0.0200
Endrin	U		0.00746	0.0200
Endrin aldehyde	U		0.00590	0.0200
Endrin ketone	U		0.00695	0.0200
Heptachlor	U		0.00693	0.0200
Heptachlor epoxide	U		0.00650	0.0200
Hexachlorobenzene	U		0.00608	0.0200
Methoxychlor	U		0.00806	0.0200
Chlordane	U		0.0990	0.300
Toxaphene	U		0.214	0.400
(S) Decachlorobiphenyl	108			10.0-135
(S) Tetrachloro-m-xylene	100			10.0-139

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4277314-2 09/22/25 19:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0736	111	34.0-136	
Alpha BHC	0.0666	0.0745	112	34.0-139	
Beta BHC	0.0666	0.0733	110	34.0-133	
Delta BHC	0.0666	0.0700	105	34.0-135	
Gamma BHC	0.0666	0.0794	119	34.0-136	
4,4-DDD	0.0666	0.0797	120	33.0-141	
4,4-DDE	0.0666	0.0794	119	34.0-134	
4,4-DDT	0.0666	0.0808	121	30.0-143	
Dieldrin	0.0666	0.0770	116	35.0-137	
Endosulfan I	0.0666	0.0681	102	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R4277314-2 09/22/25 19:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0756	114	35.0-132	
Endosulfan sulfate	0.0666	0.0709	106	35.0-132	
Endrin	0.0666	0.0789	118	34.0-137	
Endrin aldehyde	0.0666	0.0782	117	23.0-121	
Endrin ketone	0.0666	0.0763	115	35.0-144	
Heptachlor	0.0666	0.0758	114	36.0-141	
Heptachlor epoxide	0.0666	0.0751	113	36.0-134	
Hexachlorobenzene	0.0666	0.0681	102	33.0-129	
Methoxychlor	0.0666	0.0779	117	28.0-150	
(S) Decachlorobiphenyl			93.2	10.0-135	
(S) Tetrachloro-m-xylene			88.9	10.0-139	

L1899525-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899525-25 09/22/25 21:38 • (MS) R4277314-3 09/22/25 21:48 • (MSD) R4277314-4 09/22/25 21:57

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0650	U	0.0495	0.0374	76.2	57.2	1	20.0-135			27.8	37
Alpha BHC	0.0650	U	0.0501	0.0385	77.1	58.9	1	27.0-140			26.1	35
Beta BHC	0.0650	U	0.0453	0.0349	69.6	53.4	1	23.0-141			25.8	37
Delta BHC	0.0650	U	0.0455	0.0346	70.0	52.9	1	21.0-138			27.1	35
Gamma BHC	0.0650	U	0.0533	0.0404	82.0	61.8	1	27.0-137			27.6	36
4,4-DDD	0.0650	U	0.0609	0.0483	93.6	73.8	1	15.0-152	P	P	23.1	39
4,4-DDE	0.0650	U	0.0540	0.0407	83.1	62.2	1	10.0-152			28.1	40
4,4-DDT	0.0650	U	0.0452	0.0317	69.5	48.5	1	10.0-151			34.9	40
Dieldrin	0.0650	U	0.0595	0.0432	91.6	66.0	1	17.0-145			31.8	37
Endosulfan I	0.0650	U	0.0505	0.0375	77.7	57.3	1	20.0-137			29.6	36
Endosulfan II	0.0650	U	0.0525	0.0390	80.8	59.6	1	15.0-141			29.6	37
Endosulfan sulfate	0.0650	U	0.0502	0.0389	77.3	59.4	1	15.0-143			25.5	38
Endrin	0.0650	U	0.0514	0.0386	79.0	59.1	1	19.0-143	P	P	28.2	37
Endrin aldehyde	0.0650	U	0.0564	0.0498	86.8	76.1	1	10.0-139			12.5	40
Endrin ketone	0.0650	U	0.0621	0.0568	95.5	86.9	1	17.0-149			8.86	38
Heptachlor	0.0650	U	0.0509	0.0378	78.4	57.8	1	22.0-138			29.6	37
Heptachlor epoxide	0.0650	U	0.0517	0.0385	79.5	58.9	1	22.0-138			29.1	36
Hexachlorobenzene	0.0650	U	0.0467	0.0371	71.9	56.7	1	25.0-126			22.9	35
Methoxychlor	0.0650	U	0.131	0.0694	202	106	1	10.0-159	J5 P	J3 P	61.6	40
(S) Decachlorobiphenyl					143	76.3		10.0-135	J1			
(S) Tetrachloro-m-xylene					65.0	52.6		10.0-139				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4277677-1 09/23/25 22:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00645	0.0200
Alpha BHC	U		0.00637	0.0200
Beta BHC	U		0.00630	0.0200
Delta BHC	U		0.00635	0.0200
Gamma BHC	U		0.00676	0.0200
4,4-DDD	U		0.00690	0.0200
4,4-DDE	U		0.00673	0.0200
4,4-DDT	U		0.00766	0.0200
Dieldrin	U		0.00697	0.0200
Endosulfan I	U		0.00604	0.0200
Endosulfan II	U		0.00661	0.0200
Endosulfan sulfate	U		0.00642	0.0200
Endrin	U		0.00746	0.0200
Endrin aldehyde	U		0.00590	0.0200
Endrin ketone	U		0.00695	0.0200
Heptachlor	U		0.00693	0.0200
Heptachlor epoxide	U		0.00650	0.0200
Hexachlorobenzene	U		0.00608	0.0200
Methoxychlor	U		0.00806	0.0200
Chlordane	U		0.0990	0.300
Toxaphene	U		0.214	0.400
(S) Decachlorobiphenyl	67.1			10.0-135
(S) Tetrachloro-m-xylene	80.8			10.0-139

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4277677-5 09/23/25 22:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0560	84.1	34.0-136	
Alpha BHC	0.0666	0.0597	89.6	34.0-139	
Beta BHC	0.0666	0.0566	85.0	34.0-133	
Delta BHC	0.0666	0.0504	75.7	34.0-135	
Gamma BHC	0.0666	0.0594	89.2	34.0-136	
4,4-DDD	0.0666	0.0599	89.9	33.0-141	
4,4-DDE	0.0666	0.0565	84.8	34.0-134	
4,4-DDT	0.0666	0.0599	89.9	30.0-143	
Dieldrin	0.0666	0.0568	85.3	35.0-137	
Endosulfan I	0.0666	0.0557	83.6	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R4277677-5 09/23/25 22:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0571	85.7	35.0-132	
Endosulfan sulfate	0.0666	0.0548	82.3	35.0-132	
Endrin	0.0666	0.0595	89.3	34.0-137	
Endrin aldehyde	0.0666	0.0529	79.4	23.0-121	
Endrin ketone	0.0666	0.0568	85.3	35.0-144	
Heptachlor	0.0666	0.0590	88.6	36.0-141	
Heptachlor epoxide	0.0666	0.0577	86.6	36.0-134	
Hexachlorobenzene	0.0666	0.0547	82.1	33.0-129	
Methoxychlor	0.0666	0.0591	88.7	28.0-150	
(S) Decachlorobiphenyl			68.5	10.0-135	
(S) Tetrachloro-m-xylene			74.9	10.0-139	

L1900376-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1900376-01 09/24/25 00:38 • (MS) R4277677-6 09/24/25 00:48 • (MSD) R4277677-7 09/24/25 00:57

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0881	U	0.0650	0.0610	73.7	68.9	1	20.0-135	P		6.31	37
Alpha BHC	0.0881	U	0.0798	0.0791	90.5	89.3	1	27.0-140	P		0.863	35
Beta BHC	0.0881	U	0.0691	0.0695	78.4	78.5	1	23.0-141	P		0.593	37
Delta BHC	0.0881	U	0.0644	0.0651	73.1	73.5	1	21.0-138	P		1.06	35
Gamma BHC	0.0881	U	0.0776	0.0775	88.0	87.5	1	27.0-137	P		0.177	36
4,4-DDD	0.0881	U	0.0702	0.0653	79.6	73.7	1	15.0-152	P		7.29	39
4,4-DDE	0.0881	U	0.0654	0.0585	74.2	66.1	1	10.0-152	P		11.1	40
4,4-DDT	0.0881	U	0.0679	0.0622	77.0	70.3	1	10.0-151			8.64	40
Dieldrin	0.0881	U	0.0725	0.0669	82.3	75.5	1	17.0-145	P		8.06	37
Endosulfan I	0.0881	U	0.0688	0.0662	78.1	74.8	1	20.0-137	P		3.86	36
Endosulfan II	0.0881	U	0.0680	0.0669	77.1	75.5	1	15.0-141			1.63	37
Endosulfan sulfate	0.0881	U	0.0706	0.0710	80.1	80.2	1	15.0-143	P		0.581	38
Endrin	0.0881	U	0.0713	0.0709	80.9	80.0	1	19.0-143			0.579	37
Endrin aldehyde	0.0881	U	0.0695	0.0688	78.8	77.7	1	10.0-139	P		0.991	40
Endrin ketone	0.0881	U	0.0685	0.0706	77.8	79.7	1	17.0-149	P		2.96	38
Heptachlor	0.0881	U	0.0703	0.0677	79.8	76.5	1	22.0-138			3.77	37
Heptachlor epoxide	0.0881	U	0.0709	0.0714	80.4	80.7	1	22.0-138	P		0.771	36
Hexachlorobenzene	0.0881	U	0.0706	0.0683	80.1	77.1	1	25.0-126			3.36	35
Methoxychlor	0.0881	U	0.0696	0.0709	79.0	80.0	1	10.0-159			1.76	40
(S) Decachlorobiphenyl					56.6	57.4		10.0-135				
(S) Tetrachloro-m-xylene					71.5	73.8		10.0-139				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4278602-1 09/25/25 00:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.00645	0.0200
Alpha BHC	U		0.00637	0.0200
Beta BHC	U		0.00630	0.0200
Delta BHC	U		0.00635	0.0200
Gamma BHC	U		0.00676	0.0200
4,4-DDD	U		0.00690	0.0200
4,4-DDE	U		0.00673	0.0200
4,4-DDT	U		0.00766	0.0200
Dieldrin	U		0.00697	0.0200
Endosulfan I	U		0.00604	0.0200
Endosulfan II	U		0.00661	0.0200
Endosulfan sulfate	U		0.00642	0.0200
Endrin	U		0.00746	0.0200
Endrin aldehyde	U		0.00590	0.0200
Endrin ketone	U		0.00695	0.0200
Heptachlor	U		0.00693	0.0200
Heptachlor epoxide	U		0.00650	0.0200
Hexachlorobenzene	U		0.00608	0.0200
Methoxychlor	U		0.00806	0.0200
Chlordane	U		0.0990	0.300
Toxaphene	U		0.214	0.400
(S) Decachlorobiphenyl	94.1			10.0-135
(S) Tetrachloro-m-xylene	85.4			10.0-139

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4278602-2 09/25/25 00:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0637	95.6	34.0-136	
Alpha BHC	0.0666	0.0647	97.1	34.0-139	
Beta BHC	0.0666	0.0575	86.3	34.0-133	
Delta BHC	0.0666	0.0631	94.7	34.0-135	
Gamma BHC	0.0666	0.0652	97.9	34.0-136	
4,4-DDD	0.0666	0.0706	106	33.0-141	
4,4-DDE	0.0666	0.0658	98.8	34.0-134	
4,4-DDT	0.0666	0.0762	114	30.0-143	
Dieldrin	0.0666	0.0515	77.3	35.0-137	
Endosulfan I	0.0666	0.0662	99.4	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R4278602-2 09/25/25 00:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0607	91.1	35.0-132	
Endosulfan sulfate	0.0666	0.0650	97.6	35.0-132	
Endrin	0.0666	0.0136	20.4	34.0-137	J J4
Endrin aldehyde	0.0666	0.0264	39.6	23.0-121	
Endrin ketone	0.0666	0.108	162	35.0-144	J4
Heptachlor	0.0666	0.0707	106	36.0-141	
Heptachlor epoxide	0.0666	0.0647	97.1	36.0-134	
Hexachlorobenzene	0.0666	0.0561	84.2	33.0-129	
Methoxychlor	0.0666	0.0695	104	28.0-150	
(S) Decachlorobiphenyl			93.7	10.0-135	
(S) Tetrachloro-m-xylene			84.4	10.0-139	

L1900729-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1900729-01 09/25/25 02:06 • (MS) R4278602-3 09/25/25 02:15 • (MSD) R4278602-4 09/25/25 02:24

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0643	U	0.0503	0.0491	78.2	74.8	1	20.0-135			2.41	37
Alpha BHC	0.0643	U	0.0619	0.0643	96.3	98.0	1	27.0-140			3.80	35
Beta BHC	0.0643	U	0.0545	0.0567	84.8	86.4	1	23.0-141			3.96	37
Delta BHC	0.0643	U	0.0602	0.0617	93.6	94.1	1	21.0-138			2.46	35
Gamma BHC	0.0643	U	0.0627	0.0659	97.5	100	1	27.0-137			4.98	36
4,4-DDD	0.0643	U	0.0569	0.0571	88.5	87.0	1	15.0-152			0.351	39
4,4-DDE	0.0643	U	0.0562	0.0562	87.4	85.7	1	10.0-152			0.000	40
4,4-DDT	0.0643	U	0.0549	0.0547	85.4	83.4	1	10.0-151			0.365	40
Dieldrin	0.0643	U	0.0545	0.0552	84.8	84.1	1	17.0-145			1.28	37
Endosulfan I	0.0643	U	0.0541	0.0547	84.1	83.4	1	20.0-137			1.10	36
Endosulfan II	0.0643	U	0.0560	0.0575	87.1	87.7	1	15.0-141			2.64	37
Endosulfan sulfate	0.0643	U	0.0577	0.0570	89.7	86.9	1	15.0-143			1.22	38
Endrin	0.0643	U	0.0223	0.0231	34.7	35.2	1	19.0-143			3.52	37
Endrin aldehyde	0.0643	U	0.0360	0.0394	56.0	60.1	1	10.0-139			9.02	40
Endrin ketone	0.0643	U	0.0830	0.0848	129	129	1	17.0-149			2.15	38
Heptachlor	0.0643	U	0.0569	0.0564	88.5	86.0	1	22.0-138			0.883	37
Heptachlor epoxide	0.0643	U	0.0549	0.0553	85.4	84.3	1	22.0-138			0.726	36
Hexachlorobenzene	0.0643	U	0.0484	0.0488	75.3	74.4	1	25.0-126			0.823	35
Methoxychlor	0.0643	U	0.0555	0.0519	86.3	79.1	1	10.0-159			6.70	40
(S) Decachlorobiphenyl					61.9	63.1		10.0-135				
(S) Tetrachloro-m-xylene					72.0	75.3		10.0-139				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4280796-2 09/26/25 11:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00567	0.0333
Anthracene	U		0.00409	0.0333
Benzo(a)anthracene	U		0.00380	0.0333
Benzo(b)fluoranthene	U		0.00542	0.0333
Benzo(k)fluoranthene	U		0.00484	0.0333
Benzo(g,h,i)perylene	U		0.00644	0.0333
Benzo(a)pyrene	U		0.00668	0.0333
Bis(2-chlorethoxy)methane	U		0.0361	0.333
Bis(2-chloroethyl)ether	U		0.0629	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0326	0.333
4-Bromophenyl-phenylether	U		0.0475	0.333
2-Chloronaphthalene	U		0.00496	0.0333
4-Chlorophenyl-phenylether	U		0.0475	0.333
Chrysene	U		0.00346	0.0333
Dibenz(a,h)anthracene	U		0.00588	0.0333
3,3-Dichlorobenzidine	U		0.127	0.333
2,4-Dinitrotoluene	U		0.0660	0.333
2,6-Dinitrotoluene	U		0.0628	0.333
Fluoranthene	U		0.00429	0.0333
Fluorene	U		0.00497	0.0333
Hexachlorobenzene	U		0.0544	0.333
Hexachloro-1,3-butadiene	U		0.0528	0.333
Hexachlorocyclopentadiene	U		0.102	0.333
Hexachloroethane	U		0.0410	0.333
Indeno(1,2,3-cd)pyrene	U		0.00669	0.0333
Isophorone	U		0.0419	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0450	0.333
n-Nitrosodimethylamine	U		0.0782	0.333
n-Nitrosodiphenylamine	U		0.0427	0.333
n-Nitrosodi-n-propylamine	U		0.0528	0.333
Phenanthrene	U		0.00366	0.0333
Pyridine	U		0.0557	0.333
Benzylbutyl phthalate	U		0.0645	0.333
Bis(2-ethylhexyl)phthalate	U		0.0657	0.333
Di-n-butyl phthalate	U		0.0448	0.333
Diethyl phthalate	U		0.0516	0.333
Dimethyl phthalate	U		0.0447	0.333
Di-n-octyl phthalate	U		0.147	0.333

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4280796-2 09/26/25 11:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00373	0.0333
1,2,4-Trichlorobenzene	U		0.0395	0.333
4-Chloro-3-methylphenol	U		0.0520	0.333
2-Chlorophenol	U		0.0346	0.333
2,4-Dichlorophenol	U		0.0439	0.333
2,4-Dimethylphenol	U		0.0691	0.333
4,6-Dinitro-2-methylphenol	U		0.102	0.333
2,4-Dinitrophenol	U		0.127	0.333
2-Methylphenol	U		0.0374	0.333
3&4-Methyl Phenol	U		0.0410	0.333
2-Nitrophenol	U		0.0494	0.333
4-Nitrophenol	U		0.106	0.333
Pentachlorophenol	U		0.0623	0.333
Phenol	U		0.0567	0.333
2,4,6-Trichlorophenol	U		0.0796	0.333
2,4,5-Trichlorophenol	U		0.0814	0.333
(S) 2-Fluorophenol	71.8			12.0-120
(S) Phenol-d5	64.6			10.0-120
(S) Nitrobenzene-d5	61.0			10.0-122
(S) 2-Fluorobiphenyl	57.7			15.0-120
(S) 2,4,6-Tribromophenol	57.7			10.0-127
(S) p-Terphenyl-d14	64.0			10.0-120

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4280964-2 10/01/25 11:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00567	0.0333
Anthracene	U		0.00409	0.0333
Benzo(a)anthracene	U		0.00380	0.0333
Benzo(b)fluoranthene	U		0.00542	0.0333
Benzo(k)fluoranthene	U		0.00484	0.0333
Benzo(g,h,i)perylene	U		0.00644	0.0333
Benzo(a)pyrene	U		0.00668	0.0333
Bis(2-chlorethoxy)methane	U		0.0361	0.333
Bis(2-chloroethyl)ether	U		0.0629	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0326	0.333

Method Blank (MB)

(MB) R4280964-2 10/01/25 11:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Bromophenyl-phenylether	U		0.0475	0.333
2-Chloronaphthalene	U		0.00496	0.0333
4-Chlorophenyl-phenylether	U		0.0475	0.333
Chrysene	U		0.00346	0.0333
Dibenz(a,h)anthracene	U		0.00588	0.0333
3,3-Dichlorobenzidine	U		0.127	0.333
2,4-Dinitrotoluene	U		0.0660	0.333
2,6-Dinitrotoluene	U		0.0628	0.333
Fluoranthene	U		0.00429	0.0333
Fluorene	U		0.00497	0.0333
Hexachlorobenzene	U		0.0544	0.333
Hexachloro-1,3-butadiene	U		0.0528	0.333
Hexachlorocyclopentadiene	U		0.102	0.333
Hexachloroethane	U		0.0410	0.333
Indeno(1,2,3-cd)pyrene	U		0.00669	0.0333
Isophorone	U		0.0419	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0450	0.333
n-Nitrosodimethylamine	U		0.0782	0.333
n-Nitrosodiphenylamine	U		0.0427	0.333
n-Nitrosodi-n-propylamine	U		0.0528	0.333
Phenanthrene	U		0.00366	0.0333
Pyridine	U		0.0557	0.333
Benzylbutyl phthalate	U		0.0645	0.333
Bis(2-ethylhexyl)phthalate	U		0.0657	0.333
Di-n-butyl phthalate	U		0.0448	0.333
Diethyl phthalate	U		0.0516	0.333
Dimethyl phthalate	U		0.0447	0.333
Di-n-octyl phthalate	U		0.147	0.333
Pyrene	U		0.00373	0.0333
1,2,4-Trichlorobenzene	U		0.0395	0.333
4-Chloro-3-methylphenol	U		0.0520	0.333
2-Chlorophenol	U		0.0346	0.333
2,4-Dichlorophenol	U		0.0439	0.333
2,4-Dimethylphenol	U		0.0691	0.333
4,6-Dinitro-2-methylphenol	U		0.102	0.333
2,4-Dinitrophenol	U		0.127	0.333
2-Methylphenol	U		0.0374	0.333
3&4-Methyl Phenol	U		0.0410	0.333
2-Nitrophenol	U		0.0494	0.333

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4280964-2 10/01/25 11:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Nitrophenol	U		0.106	0.333
Pentachlorophenol	U		0.0623	0.333
Phenol	U		0.0567	0.333
2,4,6-Trichlorophenol	U		0.0796	0.333
2,4,5-Trichlorophenol	U		0.0814	0.333
(S) 2-Fluorophenol	56.8			12.0-120
(S) Phenol-d5	48.2			10.0-120
(S) Nitrobenzene-d5	66.7			10.0-122
(S) 2-Fluorobiphenyl	60.7			15.0-120
(S) 2,4,6-Tribromophenol	59.9			10.0-127
(S) p-Terphenyl-d14	66.4			10.0-120

Laboratory Control Sample (LCS)

(LCS) R4280796-1 09/26/25 11:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.389	58.4	38.0-120	
Acenaphthylene	0.666	0.433	65.0	40.0-120	
Anthracene	0.666	0.407	61.1	42.0-120	
Benzo(a)anthracene	0.666	0.446	67.0	44.0-120	
Benzo(b)fluoranthene	0.666	0.401	60.2	43.0-120	
Benzo(k)fluoranthene	0.666	0.378	56.8	44.0-120	
Benzo(g,h,i)perylene	0.666	0.420	63.1	43.0-120	
Benzo(a)pyrene	0.666	0.384	57.7	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.327	49.1	20.0-120	J
Bis(2-chloroethyl)ether	0.666	0.449	67.4	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.380	57.1	23.0-120	
4-Bromophenyl-phenylether	0.666	0.445	66.8	40.0-120	
2-Chloronaphthalene	0.666	0.402	60.4	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.403	60.5	40.0-120	
Chrysene	0.666	0.406	61.0	43.0-120	
Dibenz(a,h)anthracene	0.666	0.432	64.9	44.0-120	
3,3-Dichlorobenzidine	1.33	1.01	75.9	28.0-120	
2,4-Dinitrotoluene	0.666	0.413	62.0	45.0-120	
2,6-Dinitrotoluene	0.666	0.417	62.6	42.0-120	
Fluoranthene	0.666	0.430	64.6	44.0-120	
Fluorene	0.666	0.416	62.5	41.0-120	
Hexachlorobenzene	0.666	0.434	65.2	39.0-120	

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Laboratory Control Sample (LCS)

(LCS) R4280796-1 09/26/25 11:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	0.666	0.296	44.4	15.0-120	IL
Hexachlorocyclopentadiene	0.666	0.299	44.9	15.0-120	IL
Hexachloroethane	0.666	0.339	50.9	17.0-120	
Indeno(1,2,3-cd)pyrene	0.666	0.397	59.6	45.0-120	
Isophorone	0.666	0.322	48.3	23.0-120	IL
Naphthalene	0.666	0.318	47.7	18.0-120	
Nitrobenzene	0.666	0.328	49.2	17.0-120	IL
n-Nitrosodimethylamine	0.666	0.343	51.5	10.0-125	
n-Nitrosodiphenylamine	0.666	0.413	62.0	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.441	66.2	26.0-120	
Phenanthrene	0.666	0.406	61.0	42.0-120	
Pyridine	0.666	0.225	33.8	10.0-120	IL
Benzylbutyl phthalate	0.666	0.421	63.2	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.413	62.0	41.0-120	
Di-n-butyl phthalate	0.666	0.393	59.0	43.0-120	
Diethyl phthalate	0.666	0.425	63.8	43.0-120	
Dimethyl phthalate	0.666	0.433	65.0	43.0-120	
Di-n-octyl phthalate	0.666	0.492	73.9	40.0-120	
Pyrene	0.666	0.425	63.8	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.328	49.2	17.0-120	IL
4-Chloro-3-methylphenol	0.666	0.389	58.4	28.0-120	
2-Chlorophenol	0.666	0.460	69.1	28.0-120	
2,4-Dichlorophenol	0.666	0.390	58.6	25.0-120	
2,4-Dimethylphenol	0.666	0.394	59.2	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.458	68.8	16.0-120	
2,4-Dinitrophenol	0.666	0.410	61.6	10.0-120	
2-Methylphenol	0.666	0.510	76.6	35.0-120	
3&4-Methyl Phenol	0.666	0.536	80.5	42.0-120	
2-Nitrophenol	0.666	0.372	55.9	20.0-120	
4-Nitrophenol	0.666	0.402	60.4	27.0-120	
Pentachlorophenol	0.666	0.321	48.2	29.0-120	IL
Phenol	0.666	0.478	71.8	28.0-120	
2,4,6-Trichlorophenol	0.666	0.444	66.7	37.0-120	
2,4,5-Trichlorophenol	0.666	0.414	62.2	38.0-120	
(S) 2-Fluorophenol			80.2	12.0-120	
(S) Phenol-d5			71.8	10.0-120	
(S) Nitrobenzene-d5			68.8	10.0-122	
(S) 2-Fluorobiphenyl			63.1	15.0-120	
(S) 2,4,6-Tribromophenol			69.4	10.0-127	
(S) p-Terphenyl-d14			67.0	10.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

L1899479-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899479-12 09/26/25 12:04 • (MS) R4280796-3 09/26/25 12:25 • (MSD) R4280796-4 09/26/25 12:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.748	U	0.415	0.416	55.5	56.4	1	18.0-120			0.277	32
Acenaphthylene	0.748	U	0.460	0.461	61.5	62.5	1	25.0-120			0.250	32
Anthracene	0.748	U	0.446	0.441	59.7	59.7	1	22.0-120			1.30	29
Benzo(a)anthracene	0.748	U	0.482	0.493	64.5	66.8	1	25.0-120			2.36	29
Benzo(b)fluoranthene	0.748	U	0.421	0.426	56.3	57.6	1	19.0-122			1.09	31
Benzo(k)fluoranthene	0.748	U	0.407	0.415	54.5	56.2	1	23.0-120			1.96	30
Benzo(g,h,i)perylene	0.748	U	0.442	0.442	59.1	59.8	1	10.0-120			0.000	33
Benzo(a)pyrene	0.748	U	0.415	0.421	55.5	57.0	1	24.0-120			1.38	30
Bis(2-chlorethoxy)methane	0.748	U	0.362	0.358	48.5	48.4	1	10.0-120	U	U	1.28	34
Bis(2-chloroethyl)ether	0.748	U	0.505	0.489	67.5	66.2	1	10.0-120			3.24	40
2,2-Oxybis(1-Chloropropane)	0.748	U	0.419	0.412	56.0	55.8	1	10.0-120			1.66	40
4-Bromophenyl-phenylether	0.748	U	0.482	0.481	64.5	65.1	1	27.0-120			0.239	30
2-Chloronaphthalene	0.748	U	0.426	0.424	56.9	57.5	1	20.0-120			0.271	32
4-Chlorophenyl-phenylether	0.748	U	0.435	0.431	58.2	58.4	1	24.0-120			0.797	29
Chrysene	0.748	U	0.439	0.447	58.8	60.6	1	21.0-120			1.82	29
Dibenz(a,h)anthracene	0.748	U	0.459	0.464	61.4	62.8	1	10.0-120			0.998	32
3,3-Dichlorobenzidine	1.50	U	1.15	1.18	76.6	80.5	1	10.0-120			3.36	34
2,4-Dinitrotoluene	0.748	U	0.427	0.431	57.1	58.4	1	30.0-120			1.07	31
2,6-Dinitrotoluene	0.748	U	0.431	0.436	57.7	59.0	1	25.0-120			1.06	31
Fluoranthene	0.748	U	0.476	0.475	63.7	64.3	1	18.0-126			0.242	32
Fluorene	0.748	U	0.444	0.451	59.4	61.1	1	25.0-120			1.54	30
Hexachlorobenzene	0.748	U	0.470	0.472	62.9	63.9	1	27.0-120			0.244	28
Hexachloro-1,3-butadiene	0.748	U	0.330	0.322	44.2	43.6	1	10.0-120	U	U	2.47	38
Hexachlorocyclopentadiene	0.748	U	0.280	0.242	37.4	32.7	1	10.0-120	U	U	14.6	40
Hexachloroethane	0.748	U	0.365	0.361	48.8	48.9	1	10.0-120	U	U	0.951	40
Indeno(1,2,3-cd)pyrene	0.748	U	0.416	0.418	55.7	56.5	1	10.0-120			0.276	32
Isophorone	0.748	U	0.357	0.351	47.7	47.5	1	13.0-120	U	U	1.63	34
Naphthalene	0.748	U	0.354	0.349	47.4	47.2	1	10.0-120			1.64	35
Nitrobenzene	0.748	U	0.365	0.357	48.8	48.3	1	10.0-120	U	U	2.23	36
n-Nitrosodimethylamine	0.748	U	0.376	0.373	50.3	50.5	1	10.0-127	U	U	0.922	40
n-Nitrosodiphenylamine	0.748	U	0.450	0.446	60.2	60.4	1	17.0-120			0.770	29
n-Nitrosodi-n-propylamine	0.748	U	0.502	0.492	67.1	66.7	1	10.0-120			1.85	37
Phenanthrene	0.748	U	0.441	0.436	58.9	59.0	1	17.0-120			1.05	31
Pyridine	0.748	U	0.277	0.259	37.1	35.0	1	10.0-120	U	U	6.87	40
Benzylbutyl phthalate	0.748	U	0.464	0.469	62.0	63.6	1	23.0-120			1.23	30
Bis(2-ethylhexyl)phthalate	0.748	U	0.451	0.460	60.3	62.3	1	17.0-126			2.02	30
Di-n-butyl phthalate	0.748	U	0.436	0.434	58.3	58.7	1	30.0-120			0.529	29
Diethyl phthalate	0.748	U	0.449	0.457	60.0	61.8	1	26.0-120			1.78	28
Dimethyl phthalate	0.748	U	0.454	0.459	60.8	62.1	1	25.0-120			1.01	29

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1899479-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899479-12 09/26/25 12:04 • (MS) R4280796-3 09/26/25 12:25 • (MSD) R4280796-4 09/26/25 12:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Di-n-octyl phthalate	0.748	U	0.543	0.548	72.6	74.1	1	21.0-123			0.844	29
Pyrene	0.748	U	0.453	0.464	60.6	62.8	1	16.0-121			2.26	32
1,2,4-Trichlorobenzene	0.748	U	0.361	0.351	48.3	47.5	1	12.0-120	J	J	2.91	37
4-Chloro-3-methylphenol	0.748	U	0.420	0.423	56.2	57.3	1	15.0-120			0.819	30
2-Chlorophenol	0.748	U	0.507	0.497	67.8	67.3	1	15.0-120			2.06	37
2,4-Dichlorophenol	0.748	U	0.428	0.427	57.2	57.8	1	20.0-120			0.269	31
2,4-Dimethylphenol	0.748	U	0.434	0.431	58.0	58.4	1	10.0-120			0.532	33
4,6-Dinitro-2-methylphenol	0.748	U	0.489	0.477	65.4	64.6	1	10.0-120			2.38	39
2,4-Dinitrophenol	0.748	U	0.480	0.466	64.2	63.1	1	10.0-121			2.92	40
2-Methylphenol	0.748	U	0.562	0.567	75.2	76.8	1	11.0-120			0.815	40
3&4-Methyl Phenol	0.748	U	0.588	0.585	78.6	79.3	1	12.0-123			0.392	38
2-Nitrophenol	0.748	U	0.412	0.400	55.1	54.2	1	12.0-120			2.83	39
4-Nitrophenol	0.748	U	0.431	0.449	57.7	60.7	1	10.0-137			3.92	32
Pentachlorophenol	0.748	U	0.408	0.403	54.6	54.5	1	10.0-160			1.42	31
Phenol	0.748	U	0.520	0.515	69.5	69.8	1	12.0-120			0.889	38
2,4,6-Trichlorophenol	0.748	U	0.479	0.479	64.0	64.8	1	19.0-120			0.000	32
2,4,5-Trichlorophenol	0.748	U	0.424	0.449	56.8	60.7	1	20.0-120			5.53	30
(S) 2-Fluorophenol					75.5	75.7		12.0-120				
(S) Phenol-d5					67.7	69.2		10.0-120				
(S) Nitrobenzene-d5					65.8	65.4		10.0-122				
(S) 2-Fluorobiphenyl					58.5	60.1		15.0-120				
(S) 2,4,6-Tribromophenol					67.7	69.9		10.0-127				
(S) p-Terphenyl-d14					63.1	65.1		10.0-120				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4278772-2 09/25/25 11:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acenaphthene	U		0.00539	0.0333
Acenaphthylene	U		0.00567	0.0333
Anthracene	U		0.00409	0.0333
Benzo(a)anthracene	U		0.00380	0.0333
Benzo(b)fluoranthene	U		0.00542	0.0333
Benzo(k)fluoranthene	U		0.00484	0.0333
Benzo(g,h,i)perylene	U		0.00644	0.0333
Benzo(a)pyrene	U		0.00668	0.0333
Bis(2-chlorethoxy)methane	U		0.0361	0.333
Bis(2-chloroethyl)ether	U		0.0629	0.333
2,2-Oxybis(1-Chloropropane)	U		0.0326	0.333
4-Bromophenyl-phenylether	U		0.0475	0.333
2-Chloronaphthalene	U		0.00496	0.0333
4-Chlorophenyl-phenylether	U		0.0475	0.333
Chrysene	U		0.00346	0.0333
Dibenz(a,h)anthracene	U		0.00588	0.0333
3,3-Dichlorobenzidine	U		0.127	0.333
2,4-Dinitrotoluene	U		0.0660	0.333
2,6-Dinitrotoluene	U		0.0628	0.333
Fluoranthene	U		0.00429	0.0333
Fluorene	U		0.00497	0.0333
Hexachlorobenzene	U		0.0544	0.333
Hexachloro-1,3-butadiene	U		0.0528	0.333
Hexachlorocyclopentadiene	U		0.102	0.333
Hexachloroethane	U		0.0410	0.333
Indeno(1,2,3-cd)pyrene	U		0.00669	0.0333
Isophorone	U		0.0419	0.333
Naphthalene	U		0.00836	0.0333
Nitrobenzene	U		0.0450	0.333
n-Nitrosodimethylamine	U		0.0782	0.333
n-Nitrosodiphenylamine	U		0.0427	0.333
n-Nitrosodi-n-propylamine	U		0.0528	0.333
Phenanthrene	U		0.00366	0.0333
Pyridine	U		0.0557	0.333
Benzylbutyl phthalate	U		0.0645	0.333
Bis(2-ethylhexyl)phthalate	U		0.0657	0.333
Di-n-butyl phthalate	U		0.0448	0.333
Diethyl phthalate	U		0.0516	0.333
Dimethyl phthalate	U		0.0447	0.333
Di-n-octyl phthalate	U		0.147	0.333

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4278772-2 09/25/25 11:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Pyrene	U		0.00373	0.0333
1,2,4-Trichlorobenzene	U		0.0395	0.333
4-Chloro-3-methylphenol	U		0.0520	0.333
2-Chlorophenol	U		0.0346	0.333
2,4-Dichlorophenol	U		0.0439	0.333
2,4-Dimethylphenol	U		0.0691	0.333
4,6-Dinitro-2-methylphenol	U		0.102	0.333
2,4-Dinitrophenol	U		0.127	0.333
2-Methylphenol	U		0.0374	0.333
3&4-Methyl Phenol	U		0.0410	0.333
2-Nitrophenol	U		0.0494	0.333
4-Nitrophenol	U		0.106	0.333
Pentachlorophenol	U		0.0623	0.333
Phenol	U		0.0567	0.333
2,4,6-Trichlorophenol	U		0.0796	0.333
2,4,5-Trichlorophenol	U		0.0814	0.333
(S) 2-Fluorophenol	62.2			12.0-120
(S) Phenol-d5	62.0			10.0-120
(S) Nitrobenzene-d5	59.8			10.0-122
(S) 2-Fluorobiphenyl	71.2			15.0-120
(S) 2,4,6-Tribromophenol	74.5			10.0-127
(S) p-Terphenyl-d14	72.7			10.0-120

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4278772-1 09/25/25 11:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acenaphthene	0.666	0.480	72.1	38.0-120	
Acenaphthylene	0.666	0.444	66.7	40.0-120	
Anthracene	0.666	0.483	72.5	42.0-120	
Benzo(a)anthracene	0.666	0.492	73.9	44.0-120	
Benzo(b)fluoranthene	0.666	0.453	68.0	43.0-120	
Benzo(k)fluoranthene	0.666	0.474	71.2	44.0-120	
Benzo(g,h,i)perylene	0.666	0.489	73.4	43.0-120	
Benzo(a)pyrene	0.666	0.480	72.1	45.0-120	
Bis(2-chlorethoxy)methane	0.666	0.268	40.2	20.0-120	J
Bis(2-chloroethyl)ether	0.666	0.397	59.6	16.0-120	
2,2-Oxybis(1-Chloropropane)	0.666	0.384	57.7	23.0-120	

Laboratory Control Sample (LCS)

(LCS) R4278772-1 09/25/25 11:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
4-Bromophenyl-phenylether	0.666	0.502	75.4	40.0-120	
2-Chloronaphthalene	0.666	0.444	66.7	35.0-120	
4-Chlorophenyl-phenylether	0.666	0.532	79.9	40.0-120	
Chrysene	0.666	0.484	72.7	43.0-120	
Dibenz(a,h)anthracene	0.666	0.479	71.9	44.0-120	
3,3-Dichlorobenzidine	1.33	1.04	78.2	28.0-120	
2,4-Dinitrotoluene	0.666	0.536	80.5	45.0-120	
2,6-Dinitrotoluene	0.666	0.546	82.0	42.0-120	
Fluoranthene	0.666	0.536	80.5	44.0-120	
Fluorene	0.666	0.505	75.8	41.0-120	
Hexachlorobenzene	0.666	0.476	71.5	39.0-120	
Hexachloro-1,3-butadiene	0.666	0.371	55.7	15.0-120	
Hexachlorocyclopentadiene	0.666	0.181	27.2	15.0-120	IL
Hexachloroethane	0.666	0.322	48.3	17.0-120	IL
Indeno(1,2,3-cd)pyrene	0.666	0.432	64.9	45.0-120	
Isophorone	0.666	0.257	38.6	23.0-120	IL
Naphthalene	0.666	0.340	51.1	18.0-120	
Nitrobenzene	0.666	0.253	38.0	17.0-120	IL
n-Nitrosodimethylamine	0.666	0.357	53.6	10.0-125	
n-Nitrosodiphenylamine	0.666	0.454	68.2	40.0-120	
n-Nitrosodi-n-propylamine	0.666	0.344	51.7	26.0-120	
Phenanthrene	0.666	0.463	69.5	42.0-120	
Pyridine	0.666	0.235	35.3	10.0-120	IL
Benzylbutyl phthalate	0.666	0.460	69.1	40.0-120	
Bis(2-ethylhexyl)phthalate	0.666	0.469	70.4	41.0-120	
Di-n-butyl phthalate	0.666	0.478	71.8	43.0-120	
Diethyl phthalate	0.666	0.491	73.7	43.0-120	
Dimethyl phthalate	0.666	0.463	69.5	43.0-120	
Di-n-octyl phthalate	0.666	0.413	62.0	40.0-120	
Pyrene	0.666	0.470	70.6	41.0-120	
1,2,4-Trichlorobenzene	0.666	0.331	49.7	17.0-120	IL
4-Chloro-3-methylphenol	0.666	0.337	50.6	28.0-120	
2-Chlorophenol	0.666	0.434	65.2	28.0-120	
2,4-Dichlorophenol	0.666	0.405	60.8	25.0-120	
2,4-Dimethylphenol	0.666	0.337	50.6	15.0-120	
4,6-Dinitro-2-methylphenol	0.666	0.560	84.1	16.0-120	
2,4-Dinitrophenol	0.666	0.591	88.7	10.0-120	
2-Methylphenol	0.666	0.433	65.0	35.0-120	
3&4-Methyl Phenol	0.666	0.545	81.8	42.0-120	
2-Nitrophenol	0.666	0.374	56.2	20.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS)

(LCS) R4278772-1 09/25/25 11:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
4-Nitrophenol	0.666	0.385	57.8	27.0-120	
Pentachlorophenol	0.666	0.443	66.5	29.0-120	
Phenol	0.666	0.464	69.7	28.0-120	
2,4,6-Trichlorophenol	0.666	0.527	79.1	37.0-120	
2,4,5-Trichlorophenol	0.666	0.503	75.5	38.0-120	
(S) 2-Fluorophenol			64.4	12.0-120	
(S) Phenol-d5			65.0	10.0-120	
(S) Nitrobenzene-d5			34.2	10.0-122	
(S) 2-Fluorobiphenyl			61.0	15.0-120	
(S) 2,4,6-Tribromophenol			73.1	10.0-127	
(S) p-Terphenyl-d14			66.1	10.0-120	

L1899624-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899624-08 09/25/25 12:33 • (MS) R4278772-3 09/25/25 12:53 • (MSD) R4278772-4 09/25/25 13:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acenaphthene	0.807	U	0.442	0.431	54.7	52.7	1	18.0-120			2.54	32
Acenaphthylene	0.807	U	0.390	0.396	48.3	48.5	1	25.0-120			1.56	32
Anthracene	0.807	U	0.442	0.487	54.7	59.6	1	22.0-120			9.80	29
Benzo(a)anthracene	0.807	U	0.519	0.560	64.3	68.5	1	25.0-120			7.53	29
Benzo(b)fluoranthene	0.807	U	0.495	0.507	61.3	62.0	1	19.0-122			2.46	31
Benzo(k)fluoranthene	0.807	U	0.483	0.503	59.9	61.6	1	23.0-120			3.99	30
Benzo(g,h,i)perylene	0.807	U	0.524	0.551	64.9	67.5	1	10.0-120			5.03	33
Benzo(a)pyrene	0.807	U	0.504	0.518	62.5	63.4	1	24.0-120			2.65	30
Bis(2-chlorethoxy)methane	0.807	U	0.304	0.317	37.7	38.9	1	10.0-120	U	U	4.36	34
Bis(2-chloroethyl)ether	0.807	U	0.326	0.317	40.4	38.9	1	10.0-120	U	U	2.68	40
2,2-Oxybis(1-Chloropropane)	0.807	U	0.358	0.374	44.4	45.8	1	10.0-120	U	U	4.37	40
4-Bromophenyl-phenylether	0.807	U	0.541	0.557	67.1	68.2	1	27.0-120			2.91	30
2-Chloronaphthalene	0.807	U	0.444	0.427	55.0	52.3	1	20.0-120			3.95	32
4-Chlorophenyl-phenylether	0.807	U	0.664	0.678	82.3	83.0	1	24.0-120			2.02	29
Chrysene	0.807	U	0.498	0.533	61.7	65.2	1	21.0-120			6.68	29
Dibenz(a,h)anthracene	0.807	U	0.523	0.547	64.8	67.0	1	10.0-120			4.60	32
3,3-Dichlorobenzidine	1.61	U	1.13	1.23	70.2	75.2	1	10.0-120			8.33	34
2,4-Dinitrotoluene	0.807	U	0.520	0.577	64.5	70.6	1	30.0-120			10.3	31
2,6-Dinitrotoluene	0.807	U	0.496	0.555	61.4	67.9	1	25.0-120			11.2	31
Fluoranthene	0.807	U	0.563	0.620	69.8	75.9	1	18.0-126			9.56	32
Fluorene	0.807	U	0.520	0.541	64.5	66.3	1	25.0-120			3.94	30
Hexachlorobenzene	0.807	U	0.509	0.582	63.1	71.2	1	27.0-120			13.3	28

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1899624-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899624-08 09/25/25 12:33 • (MS) R4278772-3 09/25/25 12:53 • (MSD) R4278772-4 09/25/25 13:14

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	0.807	U	0.586	0.630	72.6	77.1	1	10.0-120			7.29	38
Hexachlorocyclopentadiene	0.807	U	U	U	0.000	0.000	1	10.0-120	J6	J6	0.000	40
Hexachloroethane	0.807	U	0.312	0.311	38.7	38.1	1	10.0-120	J	J	0.394	40
Indeno(1,2,3-cd)pyrene	0.807	U	0.474	0.492	58.7	60.2	1	10.0-120			3.82	32
Isophorone	0.807	U	0.299	0.311	37.0	38.1	1	13.0-120	J	J	4.03	34
Naphthalene	0.807	U	0.337	0.343	41.8	42.0	1	10.0-120			1.81	35
Nitrobenzene	0.807	U	0.269	0.296	33.4	36.3	1	10.0-120	J	J	9.57	36
n-Nitrosodimethylamine	0.807	U	0.387	0.375	48.0	45.9	1	10.0-127	J	J	3.23	40
n-Nitrosodiphenylamine	0.807	U	0.395	0.447	48.9	54.7	1	17.0-120	J	J	12.3	29
n-Nitrosodi-n-propylamine	0.807	U	0.383	0.341	47.4	41.7	1	10.0-120	J	J	11.6	37
Phenanthrene	0.807	U	0.437	0.485	54.1	59.3	1	17.0-120			10.4	31
Pyridine	0.807	U	0.264	0.244	32.8	29.8	1	10.0-120	J	J	8.23	40
Benzylbutyl phthalate	0.807	U	0.325	0.365	40.2	44.7	1	23.0-120	J	J	11.8	30
Bis(2-ethylhexyl)phthalate	0.807	U	0.337	0.357	41.8	43.7	1	17.0-126	J	J	5.67	30
Di-n-butyl phthalate	0.807	U	0.352	0.379	43.6	46.4	1	30.0-120	J	J	7.41	29
Diethyl phthalate	0.807	U	0.428	0.440	53.0	53.9	1	26.0-120			2.83	28
Dimethyl phthalate	0.807	U	0.461	0.477	57.2	58.4	1	25.0-120			3.41	29
Di-n-octyl phthalate	0.807	U	0.301	0.320	37.3	39.2	1	21.0-123	J	J	5.94	29
Pyrene	0.807	U	0.487	0.522	60.4	63.9	1	16.0-121			6.83	32
1,2,4-Trichlorobenzene	0.807	U	0.466	0.487	57.8	59.6	1	12.0-120			4.39	37
4-Chloro-3-methylphenol	0.807	U	0.363	0.379	45.0	46.4	1	15.0-120	J	J	4.31	30
2-Chlorophenol	0.807	U	0.403	0.413	50.0	50.6	1	15.0-120	J		2.41	37
2,4-Dichlorophenol	0.807	U	0.509	0.528	63.1	64.6	1	20.0-120			3.56	31
2,4-Dimethylphenol	0.807	U	0.360	0.381	44.7	46.7	1	10.0-120	J	J	5.64	33
4,6-Dinitro-2-methylphenol	0.807	U	0.661	0.725	81.9	88.7	1	10.0-120			9.24	39
2,4-Dinitrophenol	0.807	U	0.718	0.768	89.0	94.0	1	10.0-121			6.62	40
2-Methylphenol	0.807	U	0.449	0.426	55.6	52.1	1	11.0-120			5.34	40
3&4-Methyl Phenol	0.807	U	0.540	0.498	66.9	61.0	1	12.0-123			8.06	38
2-Nitrophenol	0.807	U	0.372	0.406	46.0	49.7	1	12.0-120	J	J	8.86	39
4-Nitrophenol	0.807	U	0.359	0.365	44.5	44.7	1	10.0-137	J	J	1.70	32
Pentachlorophenol	0.807	U	0.502	0.544	62.2	66.6	1	10.0-160			8.00	31
Phenol	0.807	U	0.482	0.450	59.8	55.1	1	12.0-120			6.86	38
2,4,6-Trichlorophenol	0.807	U	0.718	0.753	89.0	92.2	1	19.0-120			4.68	32
2,4,5-Trichlorophenol	0.807	U	0.625	0.697	77.4	85.4	1	20.0-120			11.0	30
(S) 2-Fluorophenol					52.4	47.7		12.0-120				
(S) Phenol-d5					55.9	55.1		10.0-120				
(S) Nitrobenzene-d5					33.5	36.1		10.0-122				
(S) 2-Fluorobiphenyl					56.4	57.2		15.0-120				
(S) 2,4,6-Tribromophenol					67.8	73.8		10.0-127				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

L1899624-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1899624-08 09/25/25 12:33 • (MS) R4278772-3 09/25/25 12:53 • (MSD) R4278772-4 09/25/25 13:14

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
(S) p-Terphenyl-d14					57.3	61.7		10.0-120				

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.

1	Cp
2	Tc
3	Ss
4	Cn
5	Ds
6	Sr
7	Qc
8	Gl
9	Al
10	Sc

GLOSSARY OF TERMS

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
P	RPD between the primary and confirmatory analysis exceeded 40%.

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: Citadel EHS - Walnut Creek, CA				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Analysis / Container / Preservative				Chain of Custody Page 1 of 3			
1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Report to: Brooke Melin				Email To: bmellin@citadelehs.com bmellin@citadel.ehs.com				PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf			
Project Description: San Rafael Avenue		City/State Collected: Mountain View CA		Please Circle: PT MT CT ET											
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # 3039-1002-0 3067.1038.0		Lab Project # RMDENVPHCA-SANRAFAEL											
Collected by (print): F. Lopez		Site/Facility ID #		P.O. #											
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ STD TAT		Quote #		Date Results Needed		No. of Cntrs							
Immediately Packed on Ice N ☐ Y ☒															
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time									
SB-7-3'		Grab	SS	3'-3.5'	9/16/25	1350	2	8081C 4ozClr-NoPres	CAM-17 Metals/OCF 2ozClr-NoPres	8081C 4ozClr-NoPres TPH g/l/mo	Metals 2ozClr-NoPres	SV8081CA 4ozClr-NoPres	SVOCs 4ozClr-NoPres	VOCs 40mlAmb/MeOH10ml/Syr including Naphthalene	
SB-7-6'			SS	6'-6.5'		1355	2								
SB-8-3'			SS	3'-3.5'		1515	2								
SB-8-6'			SS	6'-6.5'		1520	2								
SB-9-3'			SS	3'-3.5'		1410	2								
SB-9-6'			SS	6'-6.5'		1415	2								
SB-5-3'			SS	3'-3.5'		1530	2								
SB-5-6'			SS	6'-6.5'		1535	2								
SB-6-3'			SS	3'-3.5'	9/17/25	0820	2								
SB-6-6'			SS	6'-6.5'	9/17/25	0825	2								
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: Report OCP to RWQCB residential limits.						pH _____ Temp _____		Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☐ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☐ Y ☐ N Sufficient volume sent: ☐ Y ☐ N If Applicable VOA Zero Headspace: ☐ Y ☐ N Preservation Correct/Checked: ☐ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N					
Samples returned via: ☐ UPS ☒ FedEx ☐ Courier		Tracking #													
Relinquished by: (Signature) 		Date: 9/17/25	Time:	Received by: (Signature)		Trip Blank Received: Yes / No ☐ NO / MeOH ☐ TBR		Temp: _____ °C		Bottles Received: 60		If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)											
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) 		Date: 09-18-25 Time: 0840		Hold:				Condition: NCF / OK			

Company Name/Address: Citadel EHS - Walnut Creek, CA 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Analysis / Container / Preservative Pres Chk 8081C 4ozClr-NoPres CAM-17 Metals/OCP 2ozClr-NoPres DROCAER 4ozClr-NoPres TPTgld/mo Metals 2ozClr-NoPres SV8081CA 4ozClr-NoPres SVOCs 4ozClr-NoPres VOCs 40mlAmb/MeOH10ml/Syr including Naphthalene				Chain of Custody Page 2 of 3 PEOPLE ADVANCING SCIENCE MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf			
Report to: Brooke Melin				Email To: bmelin@citadelehs.com bmelin@citadelehs.com											
Project Description: San Rafael Avenue				City/State Collected: Mountain View, CA		Please Circle: PT MT CT ET ET									
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # 3039.1002.0-3067.1038.0		Lab Project # RMDENVPHCA-SANRAFAEL											
Collected by (print): F. Lopez		Site/Facility ID #		P.O. #											
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ STD TAT		Quote #		Date Results Needed		No. of Cntrs							
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time									
SB-4-3'		Grab	SS	3-3.5	9/17/25	0840	2								
SB-4-6'			SS	6-6.5		0915	2								
SB-3-0.5'			SS	0.5' @		0910	2								
SB-3-3'			SS	3'		0915	2								
SB-2-0.5			SS	0.5'		0920	2								
SB-2-3'			SS	3'		0925	2								
SB-1-0.5'			SS	0.5'		0940	2								
SB-1-3'			SS	3'		0945	2								
SSB-5-0.5'			SS	0.5'		0950	2								
SSB-5-3'			SS	3'		0955	2								
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Report OCP to RWQCB residential limits.				pH _____ Temp _____ Flow _____ Other _____							
Samples returned via: ☐ UPS ☒ FedEx ☐ Courier				Tracking #				Sample Receipt Checklist COC Seal Present/Intact: ☐ NP ☐ Y ☐ N COC Signed/Accurate: ☐ Y ☐ N Bottles arrive intact: ☐ Y ☐ N Correct bottles used: ☐ Y ☐ N Sufficient volume sent: ☐ Y ☐ N If Applicable VOA Zero Headspace: ☐ Y ☐ N Preservation Correct/Checked: ☐ Y ☐ N RAD Screen <0.5 mR/hr: ☐ Y ☐ N							
Relinquished by: (Signature) 		Date: 9/17/25	Time:	Received by: (Signature)		Trip Blank Received: Yes / No HCL / MeOH TBR									
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C Bottles Received:		If preservation required by Login: Date/Time							
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date: Time:		Hold:		Condition: NCF / OK					

Company Name/Address: Citadel EHS - Walnut Creek, CA 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 3 of 3 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf							
Report to: Brooke Melin				Email To: bmelin@citadelehs.com bmelin@citadel ehs.com																							
Project Description: San Rafael Avenue				City/State Collected: Mountain View, CA		Please Circle: PT MT <u>CT</u> ET																					
Regulatory Program(DOD,RCRA,DW,etc):				Client Project # 3039.1002.0 3067.1038.0				Lab Project # RMDENVPHCA-SANRAFAEL																			
Collected by (print): F. Lopez				Site/Facility ID #				P.O. #																			
Collected by (signature): 				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☒ Three Day ☒ STD TAT				Quote #				Date Results Needed		No. of Cntrs													
Immediately Packed on Ice N ☐ Y ☒																											
Sample ID				Comp/Grab	Matrix *	Depth	Date	Time																			
SSB-6-0.5				Grab	SS	0.5'	9/17/25	1010	2															21			
SSB-6-0.5					SS	3'		1015	2															22			
SSB-4-0.5					SS	0.5'		1140	2															23			
SSB-4-3'					SS	3'		1145	2															24			
SSB-3-0.5					SS	0.5'		1155	2															25			
SSB-3-3'					SS	3.3'		1200	2															26			
SSB-2-0.5					SS	0.5'		1210	2															27			
SSB-2-3'					SS	3'		1215	2															28			
SSB-1-0.5					SS	0.5'		1220	2															29			
SSB-1-3'					SS	3'		1225	2															30			

* Matrix:

SS - Soil AIR - Air F - Filter

GW - Groundwater B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other _____

Remarks: Report OCP to RWQCB residential limits.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ☒ UPS ☐ FedEx ☒ Courier

Tracking # _____

Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Trip Blank Received: Yes / No HCL / MeOH TBR	
Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Temp: _____ °C Bottles Received: _____ If preservation required by Login: Date/Time	
Relinquished by: (Signature)		Date:		Time:		Received for lab by: (Signature)		Date: _____ Time: _____ Hold: _____ Condition: NCF / OK	

Sample Receipt Checklist
 COC Seal Present/Intact: ☐ NP ☐ Y ☐ N
 COC Signed/Accurate: ☐ Y ☐ N
 Bottles arrive intact: ☐ Y ☐ N
 Correct bottles used: ☐ Y ☐ N
 Sufficient volume sent: ☐ Y ☐ N
 If Applicable
 VOA Zero Headspace: ☐ Y ☐ N
 Preservation Correct/Checked: ☐ Y ☐ N
 RAD Screen <0.5 mR/hr: ☐ Y ☐ N

Multiple Parcel Form

L# U999525

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4746 8278 S019	EDA9	4.9	-0.1	4.8	~~Yes~~ / No / Not Present
4746 8278 S020	EDA9	0.6	-0.1	0.5	~~Yes~~ / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Deane Stumel

Name

01-18-25

Date

October 10, 2025

Citadel EHS - Walnut Creek, CA

Sample Delivery Group: L1904994
Samples Received: 09/18/2025
Project Number: 3067.1038.0
Description: San Rafael Avenue

Report To: Brooke Melin
1371 Oakland Blvd
Suite 100
Walnut Creek, CA 94596

Entire Report Reviewed By:



Mandi Edwards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

SB-6-3' L1904994-01

				Collected by F. Lopez	Collected date/time 09/17/25 08:20	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:33	JTM	Mt. Juliet, TN

SSB-5-3' L1904994-02

				Collected by F. Lopez	Collected date/time 09/17/25 09:55	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:35	JTM	Mt. Juliet, TN

SSB-6-0.5' L1904994-03

				Collected by F. Lopez	Collected date/time 09/17/25 10:10	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:40	JTM	Mt. Juliet, TN

SSB-6-3' L1904994-04

				Collected by F. Lopez	Collected date/time 09/17/25 10:15	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:42	JTM	Mt. Juliet, TN

SSB-4-3' L1904994-05

				Collected by F. Lopez	Collected date/time 09/17/25 11:45	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:43	JTM	Mt. Juliet, TN

SSB-2-3' L1904994-06

				Collected by F. Lopez	Collected date/time 09/17/25 12:15	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:45	JTM	Mt. Juliet, TN

SSB-1-3' L1904994-07

				Collected by F. Lopez	Collected date/time 09/17/25 12:25	Received date/time 09/18/25 08:40
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2615290	1	10/07/25 12:02	10/07/25 12:02	JWS	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2617793	9	10/10/25 10:20	10/10/25 13:22	JTM	Mt. Juliet, TN



CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mandi Edwards
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

DETECTION SUMMARY

Metals (ICP) by Method 6010D

Client ID	Lab Sample ID	Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch	¹ Cp
SB-6-3'	L1904994-01	Chromium	275		13.6	90.0	9	10/10/2025 13:33	WG2617793	² Tc
SSB-5-3'	L1904994-02	Chromium	410		13.6	90.0	9	10/10/2025 13:35	WG2617793	³ Ss
SSB-6-0.5'	L1904994-03	Chromium	306		13.6	90.0	9	10/10/2025 13:40	WG2617793	⁴ Cn
SSB-6-3'	L1904994-04	Chromium	272		13.6	90.0	9	10/10/2025 13:42	WG2617793	⁵ Ds
SSB-4-3'	L1904994-05	Chromium	166		13.6	90.0	9	10/10/2025 13:43	WG2617793	⁶ Sr
SSB-2-3'	L1904994-06	Chromium	187		13.6	90.0	9	10/10/2025 13:45	WG2617793	⁷ Qc
SSB-1-3'	L1904994-07	Chromium	213		13.6	90.0	9	10/10/2025 13:22	WG2617793	⁸ Gl
										⁹ Al
										¹⁰ Sc

Preparation by Method 22CCRA2

	Result	<u>Qualifier</u>	MDL	RDL	Dilution	Analysis date / time	<u>Batch</u>
Analyte							
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	6.90				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

	Result	<u>Qualifier</u>	MDL	RDL	Dilution	Analysis date / time	<u>Batch</u>
Analyte	ug/l		ug/l	ug/l			
Chromium	275		13.6	90.0	9	10/10/2025 13:33	WG2617793

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	6.73				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chromium	410		13.6	90.0	9	10/10/2025 13:35	WG2617793

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	6.86				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chromium	306		13.6	90.0	9	10/10/2025 13:40	WG2617793

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	6.78				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chromium	272		13.6	90.0	9	10/10/2025 13:42	WG2617793

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Preparation by Method 22CCRA2

	Result	<u>Qualifier</u>	MDL	RDL	Dilution	Analysis date / time	<u>Batch</u>
Analyte							
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	7.01				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

	Result	<u>Qualifier</u>	MDL	RDL	Dilution	Analysis date / time	<u>Batch</u>
Analyte	ug/l		ug/l	ug/l			
Chromium	166		13.6	90.0	9	10/10/2025 13:43	WG2617793

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	7.05				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chromium	187		13.6	90.0	9	10/10/2025 13:45	WG2617793

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	10/07/2025 12:02	WG2615290
Final pH	6.97				1	10/07/2025 12:02	WG2615290

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chromium	213		13.6	90.0	9	10/10/2025 13:22	WG2617793

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4285344-1 10/10/25 13:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chromium	U		13.6	90.0

Laboratory Control Sample (LCS)

(LCS) R4285344-2 10/10/25 13:21

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chromium	1000	1020	102	80.0-120	

L1904994-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1904994-07 10/10/25 13:22 • (MS) R4285344-4 10/10/25 13:26 • (MSD) R4285344-5 10/10/25 13:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chromium	9000	213	9280	9380	101	102	9	75.0-125			1.02	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

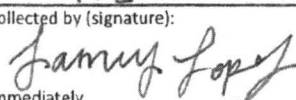
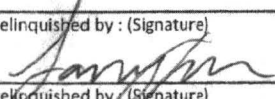
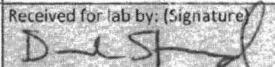
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Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

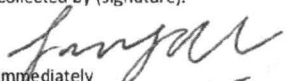
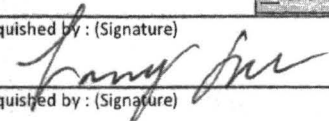
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

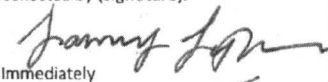
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: Citadel EHS - Walnut Creek, CA				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 1 of 3			
1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Email To: bmellin@citadelehs.com bmellin@citadelehs.com																 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf			
Report to: Brooke Melin				Project Description: San Rafael Avenue				City/State Collected: Mountain View CA				Please Circle: PT MT Q ET											
Regulatory Program(DOD,RCRA,DW,etc):				Client Project # 3039-1002.0 3067.1038.0				Lab Project # RMDENVPHCA-SANRAFAEL															
Collected by (print): F. Lopez				Site/Facility ID #				P.O. #															
Collected by (signature): 				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ STD TAT				Quote #															
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed				No. of Cntrs															
Sample ID				Comp/Grab	Matrix *	Depth	Date	Time															
SB-7-3'				Grab	SS	3'-3.5'	9/16/25	1350	2														
SB-7-6'					SS	6'-6.5'		1355	2														
SB-8-3'					SS	3'-3.5'		1515	2														
SB-8-6'					SS	6'-6.5'		1520	2														
SB-9-3'					SS	3'-3.5'		1410	2														
SB-9-6'					SS	6'-6.5'		1415	2														
SB-5-3'					SS	3-3.5		1530	2														
SB-5-6'					SS	6'-6.5'		1535	2														
SB-6-3'					SS	3'-3.5'	9/17/25	0820	2														
SB-6-6'					SS	6'-6.5'	9/17/25	0825	2														
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Report OCP to RWQCB residential limits. pH _____ Temp _____ Flow _____ Other _____										Sample Receipt Checklist COC Seal Present/Intact: ☒ Y ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N If Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N									
Samples returned via: UPS ☐ FedEx ☒ Courier				Tracking #																			
Relinquished by: (Signature) 				Date: 9/17/25	Time:	Received by: (Signature)				Trip Blank Received: Yes / No 1 HCL / MeOH TBR													
Relinquished by: (Signature)				Date:	Time:	Received by: (Signature)				Temp: _____ °C Bottles Received: 60				If preservation required by Login: Date/Time									
Relinquished by: (Signature)				Date:	Time:	Received for lab by: (Signature) 				Date: 09-18-25 Time: 0840				Hold:	Condition: NCF / OK								

Company Name/Address: Citadel EHS - Walnut Creek, CA				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Pres Chk		Analysis / Container / Preservative				Chain of Custody Page 2 of 3		
1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Email To: bmellin@citadelehs.com bmellin@citadel.ehs.com										 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pac-standard-terms.pdf		
Report to: Brooke Melin				City/State Collected: Mountain View, CA				Please Circle: PT MT <u>CT</u> ET								
Project Description: San Rafael Avenue				Client Project # 3039-1002-0-3067-1038.0				Lab Project # RMDENVPHCA-SANRAFAEL								
Regulatory Program(DOD, RCRA, DW, etc):				Site/Facility ID #				P.O. #						SDG # 48955		
Collected by (print): F. Lopez				Collected by (signature): 				Quote #						Table # L190499Y		
Immediately Packed on Ice ☒ N ☐ Y ☒				Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ STD TAT				Date Results Needed						Acctnum: RMDENVPHCA		
														Template: T280516		
														Prelogin: P1177018		
														PM: 4335 - Mandi Edwards		
														PB: 09/09/2006		
														Shipped Via: FedEX Ground		
Sample ID				Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs					Remarks Sample # (lab only)		
SB-4-3'				Grab	SS	3-3.5	9/17/25	0840	2	8081C 4ozClr-NoPres	CAM-17 Metals/OC P 2ozClr-NoPres	DROAER 4ozClr-NoPres 1pt, 1d/1mo	Metals/2ozClr-NoPres	SV8081CA 4ozClr-NoPres	SVOCs 4ozClr-NoPres	VOCs 40mlAmb/MeOH 10ml/Syr including Naphthalene
SB-4-6'					SS	6-6.5		0915	2							
SB-3-0.5'					SS	0.5'		0910	2							
SB-3-3'					SS	3'		0915	2							
SB-2-0.5					SS	0.5'		0920	2							
SB-2-3'					SS	3'		0925	2							
SB-1-0.5'					SS	0.5'		0940	2							
SB-1-3'					SS	3'		0945	2							
SSB-5-0.5'					SS	0.5'		0950	2							
SSB-5-3'					SS	3'		0955	2							
Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks: Report OCP to RWQCB residential limits.				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ N COC Signed/Accurate: ☒ Y ☐ N Bottles arrive intact: ☒ Y ☐ N Correct bottles used: ☒ Y ☐ N Sufficient volume sent: ☒ Y ☐ N if Applicable VOA Zero Headspace: ☒ Y ☐ N Preservation Correct/Checked: ☒ Y ☐ N RAD Screen <0.5 mR/hr: ☒ Y ☐ N				
Samples returned via:				Tracking #												
☐ UPS ☒ FedEx ☐ Courier																
Relinquished by: (Signature) 				Date: 9/17/25		Time:		Received by: (Signature)		Trip Blank Received: Yes / No HCL / MeOH TBR		Temp: _____ °C Bottles Received: _____ If preservation required by Login: Date/Time				
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)		Temp: _____ °C Bottles Received: _____		If preservation required by Login: Date/Time				
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature)		Date: _____ Time: _____		Hold: _____		Condition: NCF / OK		

Company Name/Address: Citadel EHS - Walnut Creek, CA			Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596			Pres Chk		Analysis / Container / Preservative										Chain of Custody Page 3 of 3	
1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596			Email To: bmelin@citadelehs.com bmellina@citadel ehs.com															 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Report to: Brooke Melin			City/State Collected: Mountain View, CA			Please Circle: PT MT CT ET													
Project Description: San Rafael Avenue			Client Project # 3039-1002.0 3067.1038.0			Lab Project # RMDENVPHCA-SANRAFAEL												SDG # 4849525	
Regulatory Program(DOD,RCRA,DW,etc):			Site/Facility ID #			P.O. #												Table # L1904994	
Collected by (print): F. Lopez			Collected by (signature): 			Quote #												Acctnum: RMDENVPHCA	
Immediately			Rush? (Lab MUST Be Notified) Same Day Five Day Next Day 5 Day (Rad Only) Two Day 10 Day (Rad Only) Three Day ☒ STD TAT			Date Results Needed												Template: T280516	
Packed on Ice N ☐ Y ☒																		Prelogin: P1177018	
																		PM: 4335 - Mandi Edwards	
																		PB: 09/09/2006	
																		Shipped Via: FedEX Ground	
Sample ID			Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8081C 4ozClr-NoPres	CAM-17 Metals/OC 2ozClr-NoPres	DROCAER 4ozClr-NoPres	Metals 2ozClr-NoPres	SV8081CA 4ozClr-NoPres	SVOCs 4ozClr-NoPres	VOCs 40mlAmb/MeOH10ml/Syr		Remarks	Sample # (lab only)	
SSB-6-0.5			Grab	SS	0.5'	9/17/26	1010	2		X		X						21	
SSB-6-0.3				SS	3'		1015	2										22	
SSB-4-0.5				SS	0.5'		1140	2										23	
SSB-4-3'				SS	3'		1145	2										24	
SSB-3-0.5'				SS	0.5'		1155	2										25	
SSB-3-3'				SS	3'		1200	2										26	
SSB-2-0.5'				SS	0.5'		1210	2										27	
SSB-2-3'				SS	3'		1215	2										28	
SSB-1-0.5'				SS	0.5'		1220	2										29	
SSB-1-3'				SS	3'		1225	2										30	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other _____			Remarks: Report OCP to RWQCB residential limits. pH _____ Temp _____ Flow _____ Other _____																
Samples returned via: ☐ UPS ☐ FedEx ☒ Courier			Tracking # _____																
Relinquished by: (Signature)			Date:		Time:		Received by: (Signature)			Trip Blank Received: Yes / No			HCL / MeOH			TBR			
Relinquished by: (Signature)			Date:		Time:		Received by: (Signature)			Temp: °C			Bottles Received:			If preservation required by Login: Date/Time			
Relinquished by: (Signature)			Date:		Time:		Received for lab by: (Signature)			Date:			Time:			Hold:			
																Condition: NCF / OK			

Sample Receipt Checklist		
COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

L1899525 - Relog to Add STLC Chromium

R5

Good Morning,

Please relog L1899525 to add STLC Chromium? (Can be on a new L#)

SSB-5-3' (-20)

SSB-6-0.5' (-21)

SSB-6-3' (-22)

SSB-4-3' (-24)

SSB-2-3' (-28)

SSB-1-0.5' (-09)

SSB-1-3' (-30)

Thank you!

Mandi Edwards ASQ CQE, CPPS

Client Project Manager II

Pace Analytical - National Center for Testing & Innovation

12065 Lebanon Road | Mt. Juliet, TN 37122

615-773-3251 | Mandi.Edwards@pacelabs.com

[cid:07c87532-14f3-4fbb-9e85-c511838fdcf]

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Time estimate: oh

Time spent: oh

Members



Mandi Edwards (responsible)

Citadel EHS - Walnut Creek, CA

Sample Delivery Group: L1907890
Samples Received: 09/18/2025
Project Number: 3067.1038.0
Description: San Rafael Avenue

Report To: Brooke Melin
1371 Oakland Blvd
Suite 100
Walnut Creek, CA 94596

Entire Report Reviewed By:



Mandi Edwards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

SSB-2-0.5' L1907890-01

Collected by
F. Lopez

Collected date/time
09/17/25 12:10

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2620560	1	10/16/25 12:33	10/16/25 12:33	PNK	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2623475	9	10/20/25 14:51	10/20/25 17:59	NMM	Mt. Juliet, TN

SSB-1-0.5' L1907890-02

Collected by
F. Lopez

Collected date/time
09/17/25 12:20

Received date/time
09/18/25 08:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG2620560	1	10/16/25 12:33	10/16/25 12:33	PNK	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG2623475	9	10/20/25 14:51	10/20/25 18:09	NMM	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mandi Edwards
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

DETECTION SUMMARY

Client ID	Lab Sample ID	Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
SSB-2-0.5'	L1907890-01	Barium	6420		45.0	9	10/20/2025 17:59	WG2623475
SSB-1-0.5'	L1907890-02	Chromium	225		90.0	9	10/20/2025 18:09	WG2623475

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Ds
- 6 Sr
- 7 Qc
- 8 Gl
- 9 Al
- 10 Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-			1	10/16/2025 12:33	WG2620560
Final pH	5.74			1	10/16/2025 12:33	WG2620560

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Barium	6420		45.0	9	10/20/2025 17:59	WG2623475

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-			1	10/16/2025 12:33	WG2620560
Final pH	5.58			1	10/16/2025 12:33	WG2620560

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Chromium	225		90.0	9	10/20/2025 18:09	WG2623475

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4289641-1 10/20/25 17:55

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Barium	U		6.96	45.0
Chromium	U		13.6	90.0

Laboratory Control Sample (LCS)

(LCS) R4289641-2 10/20/25 17:57

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Barium	1000	1020	102	80.0-120	
Chromium	1000	1030	103	80.0-120	

L1907890-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1907890-01 10/20/25 17:59 • (MS) R4289641-4 10/20/25 18:02 • (MSD) R4289641-5 10/20/25 18:04

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Barium	9000	6420	15700	16200	103	109	9	75.0-125			3.10	20
Chromium	9000	305	9550	9620	103	104	9	75.0-125			0.747	20

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: Citadel EHS - Walnut Creek, CA 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Billing Information: Accounts Payable 1371 Oakland Blvd Suite 100 Walnut Creek, CA 94596				Analysis / Container / Preservative Pres Chk				Chain of Custody Page <u>3</u> of <u>3</u> MT JULIET, TN 12005 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Report to: Brooke Melin				Email To: bmelin@citadelehs.com bmelline@citadel.ehs.com				8081C 4ozClr-NoPres CAM-17 Metals/OC 2ozClr-NoPres DROCAER 4ozClr-NoPres Metals 2ozClr-NoPres SV8081CA 4ozClr-NoPres SVOCs 4ozClr-NoPres VOCs 40mlAmb/MeOH10ml/Syr					
Project Description: San Rafael Avenue		City/State Collected: Mountain View, CA		Please Circle: PT MT <u>CT</u> ET									
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # 3039-1002-0 3067.1038.0		Lab Project # RMDENVPHCA-SANRAFAEL									
Collected by (print): F. Lopez		Site/Facility ID #		P.O. #									
Collected by (signature): Immediately Packed on Ice <u>N</u> <u>Y</u> ☒		Rush? (Lab MUST Be Notified) Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day ☒ STD TAT		Quote # Date Results Needed									
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs					SDG # 484935 Table # L1907890 Acctnum: RMDENVPHCA Template: T280516 Prelogin: P1177018 PM: 4335 - Mandi Edwards PB: 09/09/20 Shipped Via: FedEX Ground	
SSB-6-0.5'		Grab	SS	0.5'	9/17/25	1010	2					Remarks	
SSB-6-0.5'			SS	3'		1015	2					Sample # (lab only)	
SSB-4-0.5'			SS	0.5'		1140	2					24	
SSB-4-3'			SS	3'		1145	2					25	
SSB-3-0.5'			SS	0.5'		1155	2					26	
SSB-3-3'			SS	3'		1200	2					27	
SSB-2-0.5'			SS	0.5'		1210	2					28	
SSB-2-3'			SS	3'		1215	2					29	
SSB-1-0.5'			SS	0.5'		1220	2					30	
SSB-1-3'			SS	3'		1225	2					31	
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: Report OCP to RWQCB residential limits.				pH _____ Temp _____ Flow _____ Other _____				Sample Receipt Checklist COC Seal Present/Intact: <u>NP</u> <u>Y</u> <u>N</u> COC Signed/Accurate: <u>Y</u> <u>N</u> Bottles arrive intact: <u>Y</u> <u>N</u> Correct bottles used: <u>Y</u> <u>N</u> Sufficient volume sent: <u>Y</u> <u>N</u> If Applicable VOA Zero Headspace: <u>Y</u> <u>N</u> Preservation Correct/Checked: <u>Y</u> <u>N</u> RAD Screen <0.5 mR/hr: <u>Y</u> <u>N</u>			
Relinquished by: (Signature)		Date:	Time:	Samples returned via: <u>UPS</u> <u>FedEx</u> <u>Courier</u>		Tracking #		Received by: (Signature)				Trip Blank Received: Yes / No HCL / MeOH TBR	
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C		Bottles Received:		If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date:		Time:		Hold:		Condition: NCF / OK	

N
10/15/25

-01

-02

L1899525-29/L1899525-27 Relog to New L# Add STLC Chromium and Barium

R5

Hi,

Please relog the following to a new L#.

L1899525-29 (SSB-1-0.5) for STLC Chromium.

L1899525-27 (SSB-2-0.5') for STLC Barium.

Mandi Edwards ASQ CQE, CPPS

Client Project Manager II

Pace Analytical - National Center for Testing & Innovation

12065 Lebanon Road | Mt. Juliet, TN 37122

615-773-3251 | Mandi.Edwards@pacelabs.com

[cid:772cf17d-8c88-45b2-8bf7-3bd1cc3d17b2]

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P Please consider the environment before printing this email

Time estimate: oh

Time spent: oh

Members



Mandi Edwards (responsible)

October 06, 2025

Revised Report

Citadel EHS - Walnut Creek, CA

Sample Delivery Group: L1900272
Samples Received: 09/20/2025
Project Number: 3039.1002.0
Description: Walnut Creek, CA

Report To: Brooke Melin
1371 Oakland Blvd
Suite 100
Walnut Creek, CA 94596

Entire Report Reviewed By:



Mandi Edwards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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¹ Cp
² Tc
³ Ss
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⁸ Gl
⁹ Al
¹⁰ Sc

SAMPLE SUMMARY

SVP-5 L1900272-01

Collected by
Fanny Lopez

Collected date/time
09/18/25 12:10

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 16:29	09/22/25 16:29	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:16	09/23/25 15:16	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:30	09/23/25 10:30	CCM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Ds

⁶ Sr

⁷ Qc

⁸ Gl

⁹ Al

¹⁰ Sc

SVP-2 L1900272-02

Collected by
Fanny Lopez

Collected date/time
09/18/25 14:37

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 16:58	09/22/25 16:58	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:19	09/23/25 15:19	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:33	09/23/25 10:33	CCM	Mt. Juliet, TN

SVP-3 L1900272-03

Collected by
Fanny Lopez

Collected date/time
09/18/25 14:04

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 17:27	09/22/25 17:27	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:22	09/23/25 15:22	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:37	09/23/25 10:37	CCM	Mt. Juliet, TN

SVP-4 L1900272-04

Collected by
Fanny Lopez

Collected date/time
09/18/25 13:28

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 17:57	09/22/25 17:57	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:25	09/23/25 15:25	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:41	09/23/25 10:41	CCM	Mt. Juliet, TN

SVP-1 L1900272-05

Collected by
Fanny Lopez

Collected date/time
09/18/25 15:09

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 18:25	09/22/25 18:25	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:29	09/23/25 15:29	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:51	09/23/25 10:51	CCM	Mt. Juliet, TN

SVP-6 L1900272-06

Collected by
Fanny Lopez

Collected date/time
09/18/25 12:49

Received date/time
09/20/25 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2605648	1	09/22/25 18:54	09/22/25 18:54	ED	Mt. Juliet, TN
Organic Compounds (GC) by Method ASTM 1946	WG2606403	1	09/23/25 15:34	09/23/25 15:34	LKH	Mt. Juliet, TN
Organic Compounds (GC) by Method D1946	WG2606104	1	09/23/25 10:55	09/23/25 10:55	CCM	Mt. Juliet, TN

CASE NARRATIVE

Unless qualified or notated within the narrative below, all sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Mandi Edwards
Project Manager

Report Revision History

Level II Report - Version 1: 09/30/25 17:49

Project Comments

Correct reporting units. MLE 10/03/2025

Volatile Organic Compounds (MS) by Method TO-15

The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).

Batch	Lab Sample ID	Analytes
WG2605648	L1900272-01	Acetone



DETECTION SUMMARY

Volatile Organic Compounds (MS) by Method TO-15

Client ID	Lab Sample ID	Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
SVP-5	L1900272-01	Acetone	67-64-1	58.10	1.25	2.97	144	342	E	1	WG2605648
SVP-5	L1900272-01	Benzene	71-43-2	78.10	0.200	0.639	1.85	5.91		1	WG2605648
SVP-5	L1900272-01	Carbon disulfide	75-15-0	76.10	0.400	1.24	6.10	19.0		1	WG2605648
SVP-5	L1900272-01	Chloromethane	74-87-3	50.50	0.200	0.413	0.698	1.44		1	WG2605648
SVP-5	L1900272-01	Cyclohexane	110-82-7	84.20	0.200	0.689	0.995	3.43		1	WG2605648
SVP-5	L1900272-01	Ethanol	64-17-5	46.10	2.50	4.71	33.1	62.4		1	WG2605648
SVP-5	L1900272-01	Ethylbenzene	100-41-4	106	0.200	0.867	0.452	1.96		1	WG2605648
SVP-5	L1900272-01	Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.213	1.20		1	WG2605648
SVP-5	L1900272-01	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.260	1.29		1	WG2605648
SVP-5	L1900272-01	Heptane	142-82-5	100	0.200	0.818	2.38	9.73		1	WG2605648
SVP-5	L1900272-01	n-Hexane	110-54-3	86.20	0.630	2.22	2.35	8.29		1	WG2605648
SVP-5	L1900272-01	Methylene Chloride	75-09-2	84.90	0.200	0.694	0.777	2.70		1	WG2605648
SVP-5	L1900272-01	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	16.3	48.1		1	WG2605648
SVP-5	L1900272-01	MTBE	1634-04-4	88.10	0.200	0.721	3.28	11.8		1	WG2605648
SVP-5	L1900272-01	2-Propanol	67-63-0	60.10	1.25	3.07	4.99	12.3		1	WG2605648
SVP-5	L1900272-01	Propene	115-07-1	42.10	1.25	2.15	53.9	92.8		1	WG2605648
SVP-5	L1900272-01	Tetrahydrofuran	109-99-9	72.10	0.200	0.590	1.11	3.27		1	WG2605648
SVP-5	L1900272-01	Toluene	108-88-3	92.10	0.500	1.88	4.09	15.4		1	WG2605648
SVP-5	L1900272-01	1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.521	2.56		1	WG2605648
SVP-5	L1900272-01	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.326	1.52		1	WG2605648
SVP-5	L1900272-01	m&p-Xylene		106	0.400	1.73	1.98	8.58		1	WG2605648
SVP-5	L1900272-01	o-Xylene	95-47-6	106	0.200	0.867	0.605	2.62		1	WG2605648
SVP-2	L1900272-02	Acetone	67-64-1	58.10	1.25	2.97	77.3	184		1	WG2605648
SVP-2	L1900272-02	Benzene	71-43-2	78.10	0.200	0.639	0.409	1.31		1	WG2605648
SVP-2	L1900272-02	Carbon disulfide	75-15-0	76.10	0.400	1.24	54.4	169		1	WG2605648
SVP-2	L1900272-02	Chloromethane	74-87-3	50.50	0.200	0.413	0.664	1.37		1	WG2605648
SVP-2	L1900272-02	Cyclohexane	110-82-7	84.20	0.200	0.689	0.826	2.84		1	WG2605648
SVP-2	L1900272-02	Ethanol	64-17-5	46.10	2.50	4.71	31.8	60.0		1	WG2605648
SVP-2	L1900272-02	Ethylbenzene	100-41-4	106	0.200	0.867	0.293	1.27		1	WG2605648
SVP-2	L1900272-02	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.305	1.51		1	WG2605648
SVP-2	L1900272-02	Heptane	142-82-5	100	0.200	0.818	1.28	5.24		1	WG2605648
SVP-2	L1900272-02	n-Hexane	110-54-3	86.20	0.630	2.22	0.979	3.45		1	WG2605648
SVP-2	L1900272-02	Methylene Chloride	75-09-2	84.90	0.200	0.694	0.474	1.65		1	WG2605648
SVP-2	L1900272-02	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	9.49	28.0		1	WG2605648
SVP-2	L1900272-02	2-Propanol	67-63-0	60.10	1.25	3.07	4.12	10.1		1	WG2605648
SVP-2	L1900272-02	Propene	115-07-1	42.10	1.25	2.15	16.4	28.2		1	WG2605648
SVP-2	L1900272-02	Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.330	0.973		1	WG2605648
SVP-2	L1900272-02	Toluene	108-88-3	92.10	0.500	1.88	2.86	10.8		1	WG2605648
SVP-2	L1900272-02	1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.307	1.51		1	WG2605648
SVP-2	L1900272-02	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.263	1.23		1	WG2605648
SVP-2	L1900272-02	Vinyl acetate	108-05-4	86.10	0.630	2.22	1.83	6.44		1	WG2605648
SVP-2	L1900272-02	m&p-Xylene		106	0.400	1.73	0.962	4.17		1	WG2605648
SVP-2	L1900272-02	o-Xylene	95-47-6	106	0.200	0.867	0.290	1.26		1	WG2605648
SVP-3	L1900272-03	Acetone	67-64-1	58.10	1.25	2.97	17.6	41.8		1	WG2605648
SVP-3	L1900272-03	Carbon disulfide	75-15-0	76.10	0.400	1.24	2.91	9.06		1	WG2605648
SVP-3	L1900272-03	Chloromethane	74-87-3	50.50	0.200	0.413	0.548	1.13		1	WG2605648
SVP-3	L1900272-03	Cyclohexane	110-82-7	84.20	0.200	0.689	0.205	0.706		1	WG2605648
SVP-3	L1900272-03	Ethanol	64-17-5	46.10	2.50	4.71	6.76	12.7		1	WG2605648
SVP-3	L1900272-03	Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.239	1.34		1	WG2605648
SVP-3	L1900272-03	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.317	1.57		1	WG2605648
SVP-3	L1900272-03	Heptane	142-82-5	100	0.200	0.818	0.543	2.22		1	WG2605648
SVP-3	L1900272-03	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.58	4.66		1	WG2605648
SVP-3	L1900272-03	MTBE	1634-04-4	88.10	0.200	0.721	0.429	1.55		1	WG2605648
SVP-3	L1900272-03	Propene	115-07-1	42.10	1.25	2.15	12.8	22.0		1	WG2605648
SVP-3	L1900272-03	Toluene	108-88-3	92.10	0.500	1.88	0.760	2.86		1	WG2605648
SVP-3	L1900272-03	1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.234	1.15		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

ACCOUNT:

Citadel EHS - Walnut Creek, CA

PROJECT:

3039.1002.0

SDG:

L1900272

DATE/TIME:

10/06/25 17:07

PAGE:

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DETECTION SUMMARY

Volatile Organic Compounds (MS) by Method TO-15

Client ID	Lab Sample ID	Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
SVP-3	L1900272-03	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.208	0.972		1	WG2605648
SVP-3	L1900272-03	m&p-Xylene		106	0.400	1.73	0.605	2.62		1	WG2605648
SVP-3	L1900272-03	o-Xylene	95-47-6	106	0.200	0.867	0.202	0.876		1	WG2605648
SVP-4	L1900272-04	Acetone	67-64-1	58.10	1.25	2.97	30.6	72.7		1	WG2605648
SVP-4	L1900272-04	Benzene	71-43-2	78.10	0.200	0.639	0.243	0.776		1	WG2605648
SVP-4	L1900272-04	Carbon disulfide	75-15-0	76.10	0.400	1.24	2.78	8.65		1	WG2605648
SVP-4	L1900272-04	Chloromethane	74-87-3	50.50	0.200	0.413	0.800	1.65		1	WG2605648
SVP-4	L1900272-04	Ethanol	64-17-5	46.10	2.50	4.71	27.5	51.9		1	WG2605648
SVP-4	L1900272-04	Ethylbenzene	100-41-4	106	0.200	0.867	0.201	0.871		1	WG2605648
SVP-4	L1900272-04	Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.261	1.47		1	WG2605648
SVP-4	L1900272-04	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.319	1.58		1	WG2605648
SVP-4	L1900272-04	Heptane	142-82-5	100	0.200	0.818	0.941	3.85		1	WG2605648
SVP-4	L1900272-04	Methylene Chloride	75-09-2	84.90	0.200	0.694	0.234	0.813		1	WG2605648
SVP-4	L1900272-04	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.33	6.87		1	WG2605648
SVP-4	L1900272-04	2-Propanol	67-63-0	60.10	1.25	3.07	2.41	5.92		1	WG2605648
SVP-4	L1900272-04	Propene	115-07-1	42.10	1.25	2.15	9.55	16.4		1	WG2605648
SVP-4	L1900272-04	Toluene	108-88-3	92.10	0.500	1.88	1.05	3.96		1	WG2605648
SVP-4	L1900272-04	1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.234	1.15		1	WG2605648
SVP-4	L1900272-04	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.231	1.08		1	WG2605648
SVP-4	L1900272-04	Vinyl acetate	108-05-4	86.10	0.630	2.22	0.712	2.51		1	WG2605648
SVP-4	L1900272-04	m&p-Xylene		106	0.400	1.73	0.864	3.75		1	WG2605648
SVP-4	L1900272-04	o-Xylene	95-47-6	106	0.200	0.867	0.281	1.22		1	WG2605648
SVP-1	L1900272-05	Acetone	67-64-1	58.10	1.25	2.97	24.0	57.0		1	WG2605648
SVP-1	L1900272-05	Benzene	71-43-2	78.10	0.200	0.639	0.585	1.87		1	WG2605648
SVP-1	L1900272-05	Carbon disulfide	75-15-0	76.10	0.400	1.24	3.73	11.6		1	WG2605648
SVP-1	L1900272-05	Chloromethane	74-87-3	50.50	0.200	0.413	0.904	1.87		1	WG2605648
SVP-1	L1900272-05	Cyclohexane	110-82-7	84.20	0.200	0.689	0.782	2.69		1	WG2605648
SVP-1	L1900272-05	Ethanol	64-17-5	46.10	2.50	4.71	11.6	21.9		1	WG2605648
SVP-1	L1900272-05	Ethylbenzene	100-41-4	106	0.200	0.867	0.279	1.21		1	WG2605648
SVP-1	L1900272-05	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.360	1.78		1	WG2605648
SVP-1	L1900272-05	Heptane	142-82-5	100	0.200	0.818	0.452	1.85		1	WG2605648
SVP-1	L1900272-05	Methylene Chloride	75-09-2	84.90	0.200	0.694	0.521	1.81		1	WG2605648
SVP-1	L1900272-05	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.84	8.37		1	WG2605648
SVP-1	L1900272-05	2-Propanol	67-63-0	60.10	1.25	3.07	1.45	3.56		1	WG2605648
SVP-1	L1900272-05	Propene	115-07-1	42.10	1.25	2.15	7.41	12.8		1	WG2605648
SVP-1	L1900272-05	Styrene	100-42-5	104	0.400	1.70	0.906	3.85		1	WG2605648
SVP-1	L1900272-05	Toluene	108-88-3	92.10	0.500	1.88	1.03	3.88		1	WG2605648
SVP-1	L1900272-05	1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.677	3.32		1	WG2605648
SVP-1	L1900272-05	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.238	1.11		1	WG2605648
SVP-1	L1900272-05	m&p-Xylene		106	0.400	1.73	1.11	4.81		1	WG2605648
SVP-1	L1900272-05	o-Xylene	95-47-6	106	0.200	0.867	0.526	2.28		1	WG2605648
SVP-1	L1900272-05	TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	218	901		1	WG2605648
SVP-6	L1900272-06	Acetone	67-64-1	58.10	1.25	2.97	37.5	89.1		1	WG2605648
SVP-6	L1900272-06	Benzene	71-43-2	78.10	0.200	0.639	2.90	9.26		1	WG2605648
SVP-6	L1900272-06	Carbon disulfide	75-15-0	76.10	0.400	1.24	3.36	10.5		1	WG2605648
SVP-6	L1900272-06	Chloromethane	74-87-3	50.50	0.200	0.413	0.707	1.46		1	WG2605648
SVP-6	L1900272-06	Cyclohexane	110-82-7	84.20	0.200	0.689	0.758	2.61		1	WG2605648
SVP-6	L1900272-06	Ethanol	64-17-5	46.10	2.50	4.71	24.0	45.3		1	WG2605648
SVP-6	L1900272-06	Ethylbenzene	100-41-4	106	0.200	0.867	0.263	1.14		1	WG2605648
SVP-6	L1900272-06	Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.297	1.67		1	WG2605648
SVP-6	L1900272-06	Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.433	2.14		1	WG2605648
SVP-6	L1900272-06	1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	0.304	2.33		1	WG2605648
SVP-6	L1900272-06	Heptane	142-82-5	100	0.200	0.818	0.798	3.26		1	WG2605648
SVP-6	L1900272-06	n-Hexane	110-54-3	86.20	0.630	2.22	1.41	4.97		1	WG2605648
SVP-6	L1900272-06	2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	4.73	13.9		1	WG2605648
SVP-6	L1900272-06	MTBE	1634-04-4	88.10	0.200	0.721	0.900	3.24		1	WG2605648



DETECTION SUMMARY

Volatile Organic Compounds (MS) by Method TO-15

Client ID	Lab Sample ID	Analyte	CAS #	Mol. Wt.	RDL1	RDL2	Result	Result	Qualifier	Dilution	Batch
					ppbv	ug/m3	ppbv	ug/m3			
SVP-6	L1900272-06	2-Propanol	67-63-0	60.10	1.25	3.07	2.55	6.27		1	WG2605648
SVP-6	L1900272-06	Propene	115-07-1	42.10	1.25	2.15	41.3	71.1		1	WG2605648
SVP-6	L1900272-06	Toluene	108-88-3	92.10	0.500	1.88	1.17	4.41		1	WG2605648
SVP-6	L1900272-06	2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.203	0.948		1	WG2605648
SVP-6	L1900272-06	m&p-Xylene		106	0.400	1.73	0.718	3.11		1	WG2605648
SVP-6	L1900272-06	o-Xylene	95-47-6	106	0.200	0.867	0.292	1.27		1	WG2605648

Organic Compounds (GC) by Method ASTM 1946

Client ID	Lab Sample ID	Analyte	CAS #	Mol. Wt.	RDL	Result	Qualifier	Dilution	Batch
					%	%			
SVP-2	L1900272-02	Helium	7440-59-7		0.100	0.235		1	WG2606403

Organic Compounds (GC) by Method D1946

Client ID	Lab Sample ID	Analyte	CAS #	Mol. Wt.	RDL	Result	Qualifier	Dilution	Batch
					%	%			
SVP-5	L1900272-01	Oxygen	7782-44-7	32	5.00	18.1		1	WG2606104
SVP-5	L1900272-01	Carbon Dioxide	124-38-9	44.01	0.500	1.00		1	WG2606104
SVP-2	L1900272-02	Oxygen	7782-44-7	32	5.00	19.3		1	WG2606104
SVP-2	L1900272-02	Carbon Dioxide	124-38-9	44.01	0.500	1.29		1	WG2606104
SVP-3	L1900272-03	Oxygen	7782-44-7	32	5.00	20.1		1	WG2606104
SVP-4	L1900272-04	Oxygen	7782-44-7	32	5.00	20.2		1	WG2606104
SVP-1	L1900272-05	Oxygen	7782-44-7	32	5.00	20.1		1	WG2606104
SVP-1	L1900272-05	Carbon Dioxide	124-38-9	44.01	0.500	0.677		1	WG2606104
SVP-6	L1900272-06	Oxygen	7782-44-7	32	5.00	19.1		1	WG2606104

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	144	342	E	1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	1.85	5.91		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	6.10	19.0		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.698	1.44		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	0.995	3.43		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	33.1	62.4		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	0.452	1.96		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.213	1.20		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.260	1.29		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	2.38	9.73		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	2.35	8.29		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.777	2.70		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	16.3	48.1		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	3.28	11.8		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	4.99	12.3		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	53.9	92.8		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	ND	ND		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	1.11	3.27		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	4.09	15.4		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.521	2.56		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.326	1.52		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	ND	ND		1	WG2605648
m&p-Xylene		106	0.400	1.73	1.98	8.58		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.605	2.62		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	ND	ND		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		107				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	18.1		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	1.00		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	77.3	184		1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	0.409	1.31		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	54.4	169		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.664	1.37		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	0.826	2.84		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	31.8	60.0		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	0.293	1.27		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.305	1.51		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	1.28	5.24		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	0.979	3.45		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.474	1.65		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	9.49	28.0		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	4.12	10.1		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	16.4	28.2		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	ND	ND		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.330	0.973		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	2.86	10.8		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.307	1.51		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.263	1.23		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	1.83	6.44		1	WG2605648
m&p-Xylene		106	0.400	1.73	0.962	4.17		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.290	1.26		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	ND	ND		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		102				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	0.235		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	19.3		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	1.29		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104



Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	17.6	41.8		1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	2.91	9.06		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.548	1.13		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	0.205	0.706		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	6.76	12.7		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.239	1.34		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.317	1.57		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	0.543	2.22		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.58	4.66		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	0.429	1.55		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	12.8	22.0		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	ND	ND		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	0.760	2.86		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.234	1.15		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.208	0.972		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	ND	ND		1	WG2605648
m&p-Xylene		106	0.400	1.73	0.605	2.62		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.202	0.876		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	ND	ND		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		121				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	20.1		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	30.6	72.7		1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	0.243	0.776		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	2.78	8.65		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.800	1.65		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	27.5	51.9		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	0.201	0.871		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.261	1.47		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.319	1.58		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	0.941	3.85		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.234	0.813		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.33	6.87		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	2.41	5.92		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	9.55	16.4		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	ND	ND		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	1.05	3.96		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.234	1.15		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.231	1.08		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	0.712	2.51		1	WG2605648
m&p-Xylene		106	0.400	1.73	0.864	3.75		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.281	1.22		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	ND	ND		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	20.2		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	24.0	57.0		1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	0.585	1.87		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	3.73	11.6		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.904	1.87		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	0.782	2.69		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	11.6	21.9		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	0.279	1.21		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.360	1.78		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	0.452	1.85		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.521	1.81		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.84	8.37		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	1.45	3.56		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	7.41	12.8		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	0.906	3.85		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	1.03	3.88		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.677	3.32		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.238	1.11		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	ND	ND		1	WG2605648
m&p-Xylene		106	0.400	1.73	1.11	4.81		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.526	2.28		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	218	901		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		99.9				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	20.1		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	0.677		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	37.5	89.1		1	WG2605648
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG2605648
Benzene	71-43-2	78.10	0.200	0.639	2.90	9.26		1	WG2605648
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG2605648
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG2605648
Bromoform	75-25-2	253	0.630	6.52	ND	ND		1	WG2605648
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG2605648
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG2605648
Carbon disulfide	75-15-0	76.10	0.400	1.24	3.36	10.5		1	WG2605648
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG2605648
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG2605648
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG2605648
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG2605648
Chloromethane	74-87-3	50.50	0.200	0.413	0.707	1.46		1	WG2605648
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG2605648
Cyclohexane	110-82-7	84.20	0.200	0.689	0.758	2.61		1	WG2605648
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG2605648
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG2605648
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG2605648
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG2605648
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG2605648
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG2605648
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG2605648
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG2605648
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG2605648
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG2605648
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG2605648
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG2605648
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG2605648
1,4-Dioxane	123-91-1	88.10	0.630	2.27	ND	ND		1	WG2605648
Ethanol	64-17-5	46.10	2.50	4.71	24.0	45.3		1	WG2605648
Ethylbenzene	100-41-4	106	0.200	0.867	0.263	1.14		1	WG2605648
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG2605648
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.297	1.67		1	WG2605648
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.433	2.14		1	WG2605648
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	0.304	2.33		1	WG2605648
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG2605648
Heptane	142-82-5	100	0.200	0.818	0.798	3.26		1	WG2605648
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG2605648
n-Hexane	110-54-3	86.20	0.630	2.22	1.41	4.97		1	WG2605648
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG2605648
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG2605648
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG2605648
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	4.73	13.9		1	WG2605648
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG2605648
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG2605648
MTBE	1634-04-4	88.10	0.200	0.721	0.900	3.24		1	WG2605648
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG2605648
2-Propanol	67-63-0	60.10	1.25	3.07	2.55	6.27		1	WG2605648
Propene	115-07-1	42.10	1.25	2.15	41.3	71.1		1	WG2605648
Styrene	100-42-5	104	0.400	1.70	ND	ND		1	WG2605648
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG2605648
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG2605648
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG2605648
Toluene	108-88-3	92.10	0.500	1.88	1.17	4.41		1	WG2605648
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG2605648

1 Cp

2 Tc

3 Ss

4 Cn

5 Ds

6 Sr

7 Qc

8 Gl

9 Al

10 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG2605648
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG2605648
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG2605648
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG2605648
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG2605648
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.203	0.948		1	WG2605648
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG2605648
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG2605648
Vinyl acetate	108-05-4	86.10	0.630	2.22	ND	ND		1	WG2605648
m&p-Xylene		106	0.400	1.73	0.718	3.11		1	WG2605648
o-Xylene	95-47-6	106	0.200	0.867	0.292	1.27		1	WG2605648
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	ND	ND		1	WG2605648
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		98.0				WG2605648

Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		0.100	ND		1	WG2606403

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	5.00	19.1		1	WG2606104
Carbon Monoxide	630-08-0	28	2.00	ND		1	WG2606104
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG2606104
Methane	74-82-8	16	0.400	ND		1	WG2606104

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4277931-3 09/22/25 10:21

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.520	1.25
Allyl chloride	U		0.186	0.200
Benzene	U		0.110	0.200
Benzyl Chloride	U		0.0888	0.200
Bromodichloromethane	U		0.0695	0.200
Bromoform	U		0.0755	0.630
Bromomethane	U		0.0938	0.200
1,3-Butadiene	U		0.158	2.00
Carbon disulfide	U		0.160	0.400
Carbon tetrachloride	U		0.0746	0.200
Chlorobenzene	U		0.118	0.200
Chloroethane	U		0.110	0.200
Chloroform	U		0.104	0.200
Chloromethane	U		0.110	0.200
2-Chlorotoluene	U		0.0787	0.200
Cyclohexane	U		0.170	0.200
Dibromochloromethane	U		0.0696	0.200
1,2-Dibromoethane	U		0.0690	0.200
1,2-Dichlorobenzene	U		0.0734	0.200
1,3-Dichlorobenzene	U		0.0753	0.200
1,4-Dichlorobenzene	U		0.0768	0.200
1,2-Dichloroethane	U		0.0730	0.200
1,1-Dichloroethane	U		0.0710	0.200
1,1-Dichloroethene	U		0.0747	0.200
cis-1,2-Dichloroethene	U		0.0796	0.200
trans-1,2-Dichloroethene	U		0.0735	0.200
1,2-Dichloropropane	U		0.0752	0.200
cis-1,3-Dichloropropene	U		0.0743	0.200
trans-1,3-Dichloropropene	U		0.0795	0.200
1,4-Dioxane	U		0.164	0.630
Ethanol	U		2.37	2.50
Ethylbenzene	U		0.0778	0.200
4-Ethyltoluene	U		0.0887	0.200
Trichlorofluoromethane	U		0.0771	0.200
Dichlorodifluoromethane	U		0.0806	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0751	0.200
1,2-Dichlorotetrafluoroethane	U		0.0756	0.200
Heptane	U		0.114	0.200
Hexachloro-1,3-butadiene	U		0.0800	0.630
n-Hexane	U		0.143	0.630

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4277931-3 09/22/25 10:21

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Isopropylbenzene	U		0.0722	0.200
Methylene Chloride	U		0.169	0.200
Methyl Butyl Ketone	U		0.133	1.25
2-Butanone (MEK)	U		0.116	1.25
4-Methyl-2-pentanone (MIBK)	U		0.106	1.25
Methyl methacrylate	U		0.169	0.200
MTBE	U		0.0813	0.200
Naphthalene	U		0.617	0.630
2-Propanol	U		0.680	1.25
Propene	U		0.214	1.25
Styrene	U		0.0802	0.400
1,1,2,2-Tetrachloroethane	U		0.0695	0.200
Tetrachloroethylene	U		0.111	0.200
Tetrahydrofuran	U		0.164	0.200
Toluene	U		0.130	0.500
1,2,4-Trichlorobenzene	U		0.462	0.630
1,1,1-Trichloroethane	U		0.0718	0.200
1,1,2-Trichloroethane	U		0.0683	0.200
Trichloroethylene	U		0.0680	0.200
1,2,4-Trimethylbenzene	U		0.0927	0.200
1,3,5-Trimethylbenzene	U		0.0853	0.200
2,2,4-Trimethylpentane	U		0.0898	0.200
Vinyl chloride	U		0.0826	0.200
Vinyl Bromide	U		0.0749	0.200
Vinyl acetate	U		0.0968	0.630
m&p-Xylene	U		0.174	0.400
o-Xylene	U		0.0887	0.200
TPH (GC/MS) Low Fraction	U		68.3	200
(S) 1,4-Bromofluorobenzene	97.3			60.0-140

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277931-1 09/22/25 09:24 • (LCSD) R4277931-2 09/22/25 09:54

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	3.75	3.53	3.63	94.1	96.8	70.0-130			2.79	25
Allyl chloride	3.75	3.74	3.69	99.7	98.4	70.0-130			1.35	25
Benzene	3.75	3.82	3.74	102	99.7	70.0-130			2.12	25
Benzyl Chloride	3.75	4.67	4.65	125	124	70.0-152			0.429	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277931-1 09/22/25 09:24 • (LCSD) R4277931-2 09/22/25 09:54

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromodichloromethane	3.75	3.77	3.71	101	98.9	70.0-130			1.60	25
Bromoform	3.75	3.67	3.63	97.9	96.8	70.0-130			1.10	25
Bromomethane	3.75	3.68	3.71	98.1	98.9	70.0-130			0.812	25
1,3-Butadiene	3.75	3.75	3.74	100	99.7	70.0-130			0.267	25
Carbon disulfide	7.50	7.62	7.67	102	102	70.0-130			0.654	25
Carbon tetrachloride	3.75	3.81	3.77	102	101	70.0-130			1.06	25
Chlorobenzene	3.75	3.79	3.68	101	98.1	70.0-130			2.95	25
Chloroethane	3.75	3.80	3.70	101	98.7	70.0-130			2.67	25
Chloroform	3.75	3.80	3.77	101	101	70.0-130			0.793	25
Chloromethane	3.75	3.76	3.68	100	98.1	70.0-130			2.15	25
2-Chlorotoluene	3.75	3.84	3.85	102	103	70.0-130			0.260	25
Cyclohexane	3.75	3.86	3.87	103	103	70.0-130			0.259	25
Dibromochloromethane	3.75	3.80	3.67	101	97.9	70.0-130			3.48	25
1,2-Dibromoethane	3.75	3.85	3.74	103	99.7	70.0-130			2.90	25
1,2-Dichlorobenzene	3.75	3.88	3.92	103	105	70.0-130			1.03	25
1,3-Dichlorobenzene	3.75	3.96	3.89	106	104	70.0-130			1.78	25
1,4-Dichlorobenzene	3.75	4.02	3.97	107	106	70.0-130			1.25	25
1,2-Dichloroethane	3.75	3.78	3.72	101	99.2	70.0-130			1.60	25
1,1-Dichloroethane	3.75	3.79	3.77	101	101	70.0-130			0.529	25
1,1-Dichloroethene	3.75	3.77	3.77	101	101	70.0-130			0.000	25
cis-1,2-Dichloroethene	3.75	3.91	3.82	104	102	70.0-130			2.33	25
trans-1,2-Dichloroethene	3.75	3.80	3.77	101	101	70.0-130			0.793	25
1,2-Dichloropropane	3.75	3.83	3.74	102	99.7	70.0-130			2.38	25
cis-1,3-Dichloropropene	3.75	3.84	3.79	102	101	70.0-130			1.31	25
trans-1,3-Dichloropropene	3.75	3.86	3.76	103	100	70.0-130			2.62	25
1,4-Dioxane	3.75	4.37	4.30	117	115	70.0-140			1.61	25
Ethanol	3.75	3.77	3.69	101	98.4	55.0-148			2.14	25
Ethylbenzene	3.75	3.89	3.85	104	103	70.0-130			1.03	25
4-Ethyltoluene	3.75	4.02	4.00	107	107	70.0-130			0.499	25
Trichlorofluoromethane	3.75	3.69	3.72	98.4	99.2	70.0-130			0.810	25
Dichlorodifluoromethane	3.75	3.66	3.77	97.6	101	64.0-139			2.96	25
1,1,2-Trichlorotrifluoroethane	3.75	3.78	3.78	101	101	70.0-130			0.000	25
1,2-Dichlorotetrafluoroethane	3.75	3.75	3.82	100	102	70.0-130			1.85	25
Heptane	3.75	3.95	3.91	105	104	70.0-130			1.02	25
Hexachloro-1,3-butadiene	3.75	3.69	3.70	98.4	98.7	70.0-151			0.271	25
n-Hexane	3.75	3.88	3.87	103	103	70.0-130			0.258	25
Isopropylbenzene	3.75	3.88	3.82	103	102	70.0-130			1.56	25
Methylene Chloride	3.75	3.82	3.77	102	101	70.0-130			1.32	25
Methyl Butyl Ketone	3.75	4.31	4.28	115	114	70.0-149			0.698	25
2-Butanone (MEK)	3.75	4.07	3.98	109	106	70.0-130			2.24	25

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277931-1 09/22/25 09:24 • (LCSD) R4277931-2 09/22/25 09:54

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	3.75	3.99	3.96	106	106	70.0-139			0.755	25
Methyl methacrylate	3.75	3.89	3.85	104	103	70.0-130			1.03	25
MTBE	3.75	3.83	3.83	102	102	70.0-130			0.000	25
Naphthalene	3.75	4.09	3.98	109	106	70.0-159			2.73	25
2-Propanol	3.75	3.77	3.79	101	101	70.0-139			0.529	25
Propene	3.75	3.73	3.75	99.5	100	64.0-144			0.535	25
Styrene	7.50	8.14	8.07	109	108	70.0-130			0.864	25
1,1,2,2-Tetrachloroethane	3.75	3.81	3.79	102	101	70.0-130			0.526	25
Tetrachloroethylene	3.75	3.75	3.72	100	99.2	70.0-130			0.803	25
Tetrahydrofuran	3.75	3.96	3.95	106	105	70.0-137			0.253	25
Toluene	3.75	3.92	3.85	105	103	70.0-130			1.80	25
1,2,4-Trichlorobenzene	3.75	3.70	3.66	98.7	97.6	70.0-160			1.09	25
1,1,1-Trichloroethane	3.75	3.74	3.74	99.7	99.7	70.0-130			0.000	25
1,1,2-Trichloroethane	3.75	3.74	3.77	99.7	101	70.0-130			0.799	25
Trichloroethylene	3.75	3.76	3.71	100	98.9	70.0-130			1.34	25
1,2,4-Trimethylbenzene	3.75	4.02	3.99	107	106	70.0-130			0.749	25
1,3,5-Trimethylbenzene	3.75	4.01	3.97	107	106	70.0-130			1.00	25
2,2,4-Trimethylpentane	3.75	3.90	3.87	104	103	70.0-130			0.772	25
Vinyl chloride	3.75	3.73	3.69	99.5	98.4	70.0-130			1.08	25
Vinyl Bromide	3.75	3.72	3.74	99.2	99.7	70.0-130			0.536	25
Vinyl acetate	3.75	3.35	3.34	89.3	89.1	70.0-130			0.299	25
m&p-Xylene	7.50	7.93	7.86	106	105	70.0-130			0.887	25
o-Xylene	3.75	4.00	3.93	107	105	70.0-130			1.77	25
TPH (GC/MS) Low Fraction	188	186	189	98.9	101	70.0-130			1.60	25
(S) 1,4-Bromofluorobenzene				101	101	60.0-140				

1Cp

2Tc

3Ss

4Cn

5Ds

6Sr

7Qc

8Gl

9Al

10Sc

Method Blank (MB)

(MB) R4277413-3 09/23/25 14:45

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Helium	U		0.0551	0.100

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277413-1 09/23/25 14:32 • (LCSD) R4277413-2 09/23/25 14:39

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD	RPD Limits
Analyte	%	%	%	%	%	%			%	%
Helium	2.50	2.24	2.23	89.6	89.2	70.0-130			0.447	25

¹Cp

²Tc

³Ss

⁴Cn

⁵Ds

⁶Sr

⁷Qc

⁸Gl

⁹Al

¹⁰Sc

Method Blank (MB)

(MB) R4277195-3 09/23/25 09:43

Analyte	MB Result %	<u>MB Qualifier</u>	MB MDL %	MB RDL %
Oxygen	U		2.46	5.00
Carbon Monoxide	U		0.142	2.00
Carbon Dioxide	U		0.151	0.500
Methane	U		0.0950	0.400

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4277195-1 09/23/25 09:31 • (LCSD) R4277195-2 09/23/25 09:36

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Oxygen	20.0	19.5	19.4	97.5	97.0	70.0-130			0.514	20
Carbon Monoxide	2.50	2.55	2.54	102	102	70.0-130			0.393	20
Carbon Dioxide	2.50	2.50	2.49	100	99.6	70.0-130			0.401	20
Methane	2.00	2.07	2.06	104	103	70.0-130			0.484	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Ds

6

Sr

7

Qc

8

Gl

9

Al

10

Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
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ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Pace		Pace® Location Requested (City/State):		Air CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields						LAB USE ONLY			
Company Name: Citadel EHS - Walnut Creek, CA							Contact/Report To: Brooke Melin						
Street Address: 1371 Oakland Blvd							Phone #: 650 207 6031						
City, State Zip: Walnut Creek, CA							E-Mail: bmelin@citadelehs.com						
Customer Project #: 3039.1002.0							Cc E-Mail:						
Project Name: San Rafael Avenue							Invoice to: Brooke Melin						
Site Collection Info/Facility ID (as applicable): RMDENVPHCA-SANRAFAEL							E-Mail: bmelin@citadelehs.com						
							Purchase Order # (if applicable):						
Time Zone Collected: [] AK [x] PT [] MT [] CT [] ET							Quote #:						
Data Deliverables:							Regulatory Program (CAA, RCRA, etc.) as applicable:						
[] Level II [] Level III [] Level IV							Rush (Pre-approval required): 2 Day 3 day 5 day Other [x]						
[] EQUIS							Permit # as applicable:						
[] Other std							Units for Reporting: ug/m³ PPBV mg/m³ PPMV						
* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)													
Field Information													
Analyses Requested													
Lab Use Only													
Proj. Manager: 4335 - Mandi Edwards													
AcctNum / Client ID: RMDENVPHCA													
Table #:													
Profile / Template: T280448													
Prelog / Bottle Ord. ID: P1177065													
Sample Comment													
Canister Pressure / Vacuum													
PUF / FILTER													
Start Pressure / End Pressure / Duration Flow Rate Total Volume Sampled													
Vacuum Vacuum (minutes) m³/min or L/min m³ or L													
(in Hg) (in Hg)													
SVP-15 SV 29945 21786 9/18 1206 9/18 1210 27 5 4 209 ml/min X													
SVP-2 13179 21833 9/18 1433 9/18 1437 27 5 4 X													
SVP-3 14403 23012 9/18 1400 9/18 1404 30 5 4 X													
SVP-4 07371 20090 9/18 1320 9/18 1328 30 5 8 X													
SVP-1 22536 22612 9/18 1505 9/18 1509 28 5 4 X													
SVP-6 15190 12583 9/18 1245 9/18 1249 30 5 4 X													
Sample Receipt Checklist													
OC Seal Present/Intact: Y N NP Size: 6 1L 6L 1.4L													
OC Signed/Accurate: Y N Tag Color: G W B													
Correct bottles intact: Y N													
Correct bottles used: 2 1L 0 6L 0 1.4L Condition: OK NCF													
Customer Remarks / Special Conditions / Possible Hazards:													
Collected By: Fanny L.													
Printed Name: Fanny L.													
Signature: Fanny L.													
# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)													
Relinquished by/Company: (Signature) Date/Time: 9/18/25 Received by/Company: (Signature) Date/Time: Tracking Number: Multi													
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Delivered by: In-Person Courier													
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: FedEx UPS Other													
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: 09/20/24 0930 Page: 1 of 1													

Effective Date:

Multiple Parcel Form

L# L1906212

Parcel Tracking Number	Infrared Thermometer ID	Temperature Reading (°C)	Correction Factor (°C)	Corrected Temperature (°C)	Custody Seal Intact
4746 8278 2395	N/A	AMB	+0.0	AMB	Yes / No / <u>Not Present</u>
4746 8278 2400	↓	↓	↓	↓	Yes / No / <u>Not Present</u>
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present
					Yes / No / Not Present

Elijah Wilson

Name

09/30/25

Date