Phase II Environmental Site Assessment

East Santa Clara Hawthorn Senior Apartments
San José, California

prepared for

Santa Clara County Housing Authority

prepared by

Rincon Consultants, Inc.

May 10, 2022

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May 10, 2022
Project No.: 17-03856

Felipe Casas
Project Manager
Santa Clara County Housing Authority
505 West Julian Street
San José, California 95510
Via email: Felipe.Casas@scchousingauthority.org

Subject: Phase II Environmental Site Assessment
East Santa Clara (ESC) Hawthorn Senior Apartments, San José, California

Dear Mr. Casas:

We are pleased to submit this Phase II Environmental Site Assessment (ESA) report for the property identified as East Santa Clara (ESC) Hawthorn Senior Apartments, San José, California (site). The Phase II ESA was performed in accordance with our proposal dated December 1, 2021. The objective of the Phase II ESA was to identify potentially impacted soil, soil vapor, and groundwater to determine if remediation or mitigation measures may be required to reduce potential health impacts during construction and to future occupants of the proposed residential development.

If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
Rincon Consultants, Inc.

Sarah Larese
Senior Environmental Scientist

PROFESSIONAL GEOLOGIST
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This document has been digitally signed and sealed by Torin Snyder, PG, CHG on 5/10/2022.

Torin Snyder, PG, CHG
Principal

Amanda Duval
Environmental Scientist

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Introduction and Background

This report presents the findings of a Phase II Environmental Site Assessment (ESA) consisting of a soil, soil vapor, and groundwater assessment conducted by Rincon Consultants, Inc. (Rincon) for the property identified as East Santa Clara (ESC) Hawthorn Senior Apartments, in San José, California (site, Figure 1, Vicinity Map). The 1.1-acre site is identified as Assessor's Parcel Numbers 467-14-054 and -076 and the street addresses 118 and 124 North 15th Street,(Figure 2). The site is currently developed with a paved parking lot. Rincon completed a Phase I ESA for the site in March 2017 (Rincon 2017). The Phase I ESA indicated that prior to the use of the site as a parking lot, the site was developed with single-family residences.

The proposed redevelopment plans for the site include soil disturbance activities related to grading and the development of a senior-living residential apartment building.

The scope of work for this Phase II ESA was developed based on conversations with the Santa Clara County Department of Environmental Health (SCCDEH) indicating that, prior to redevelopment of the site, assessment of the site will likely be recommended by the SCCDEH given the historical commercial uses of adjacent and nearby sites.

Regulatory Setting and Screening Levels

Environmental Screening Levels (ESLs) were established by the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) for chemicals commonly found in soil, groundwater, soil vapor, and air at sites where releases of hazardous chemicals may have occurred (SFBRWQCB 2019). ESLs are considered to be health-conservative concentration thresholds designed to be protective of the environment and human health and are applied at sites throughout California. Under most circumstances, the presence of a chemical in soil, soil vapor, groundwater, or ambient air at concentrations below the ESL corresponding to the site's exposure scenario (commercial/industrial, residential, etc.) can be assumed to not pose a significant, long term (chronic) threat to human health or the environment. Additional evaluation will generally be necessary at sites where a chemical is present at concentrations above the corresponding ESL. Active remediation may or may not be required depending on site specific conditions and considerations.

Rincon understands that redevelopment plans include construction of a senior living housing facility. Therefore, contaminant levels will be compared to the following:

- **Soil Matrix:** Residential and construction worker ESLs
- **Soil Vapor:** Residential ESLs
- **Groundwater:** Vapor intrusion (VI) ESLs

Because metals can be naturally occurring at elevated concentrations in the environment, metals are compared to regional Background Levels when Background Levels exceed risk-based screening levels. A commonly used reference[1] that lists estimates of naturally occurring concentrations of metals in California soil is a Kearney Foundation of Soil Science special report (Kearney 1996). Arsenic concentrations in soil matrix samples collected at the site, which are typically naturally elevated throughout California relative to ESLs, were compared to background concentrations described in the Kearney Foundation special report.

[1] Rincon notes that a second reference for background Bay Area arsenic concentrations is a master's thesis by Dylan Duverge (Duverge 2011). Duverge's average and upper limit Bay Area arsenic results agree with Kearney.

Purpose and Scope

Purpose

Based on the historical uses of adjacent and nearby sites, Rincon performed a Phase II ESA consisting of soil, soil vapor, and groundwater sampling at the site.

The objective of the Phase II ESA was to identify potentially impacted soil, soil vapor, and groundwater to determine if remediation or mitigation measures may be required to reduce potential health impacts during construction and to future occupants of the proposed residential development.

Completed Scope

The Phase II ESA scope of work included the following:

- Performed soil boring mark-outs and notified Underground Service Alert (USA) (notification completed on February 23, 2022; Ticket #X205400744-00X.
- Prepared a site-specific Health and Safety Plan.
- Advanced a total of six soil borings for soil matrix sample collection
- Collected soil vapor samples from three of the six soil borings
- Collected grab-groundwater samples from three of the six soil borings
- Analyzed soil samples for the following:
  - Total petroleum hydrocarbons gasoline range (TPH-g), diesel range (TPH-d) and oil range (TPH-o) using the silica gel cleanup method.
  - Volatile organic compounds (VOCs)
  - Semi-volatile organic compounds (SVOCs)
  - California Code of Regulations Title 22 metals (Title 22 metals)
- Analyzed grab-groundwater samples for TPH-g, TPH-d and TPH-o, using the silica gel cleanup method and for VOCs.
- Analyzed soil vapor samples for VOCs and Fixed Gases.
- Evaluated laboratory analytical results and compared analyte concentrations to applicable SFBRWQCB residential exposure and construction worker exposure ESLs.
- Prepared this report documenting the findings of the Phase II ESA investigation

Site Assessment

Sampling Methodology and Analytical Program

On March 18, 2022, Rincon mobilized to the site with Penecore Drilling (Penecore), a C-57 licensed driller, to complete the soil and groundwater sampling program and install temporary soil vapor probes. On March 23, 2022, Rincon staff collected soil vapor samples from the temporary soil vapor probes. The boring and probe locations are depicted in Figure 2.

Soil Sampling Methodology

Soil borings were advanced using a direct-push drill rig. The total number of soil samples and sampling depths are described in Table 1 and are shown in the Figure 2.

Table 1 Soil Sampling Depths and Analytes

Number of Borings	Depth (ft bgs)	Boring ID	Soil Sample Intervals (ft bgs)
3	5	SB-1 through SB-3	0.5 – 1 | 4.5 - 5
3	10	SB-4 through SB-6	0.5 – 1 | 4.5 – 5 | 9.5 - 10

Soil samples were obtained using a direct-push drill rig and were collected by advancing a sampling rod equipped with an acetate sleeve to the target depth at each boring location. A total of 15 soil samples were collected by cutting a 6-inch length sample liner from the 4-foot long acetate sleeves. Once collected, soil sample aliquots intended for VOC analysis were transferred to laboratory supplied preserved Volatile Organic Analytes (VOA) vials following EPA 5035 sampling protocol.

The sample liners were sealed with Teflon tape, capped, labeled, and stored in a cooler chilled to 4 degrees Celsius along with the VOAs containing the preserved sample aliquots for transport, under chain-of-custody documentation, to a State of California certified analytical laboratory. All sample containers were labeled with a unique identifier which included the specific location and depth interval. The sample label included the date and time of the sample collection, the type of media sampled, the constituents to be analyzed, the project name, and the name of the sample collector.

Unretained soil recovered near the target sample locations was used to field screen the soil samples for VOCs and to classify the soils. A photoionization detector (PID) calibrated to an isobutylene standard was used to field screen the sample by placing a small soil volume into a zip-lock baggie and allowing at least 5 minutes for VOCs to volatilize. The baggie then was opened slightly, and the PID probe tip was placed within one-eighth inch of the soil.

Observations made in the field were recorded on the boring log created for each boring. The boring logs included classification of the soil per the Unified Soil Classification System, a description of any discoloration or odors noted in the soil, and any VOC detections measured by the PID. The boring logs are included as Appendix A.

Groundwater Sampling Methodology

On March 18, 2022, grab-groundwater samples GW-01, GW-02 and GW-03 were collected from soil borings SB-4, SB-5, and SB-6, respectively. The total number of groundwater samples and sampling depth are described in Table 2 and are shown in the Figure 2.

Table 2 Groundwater Sampling Locations and Depths

Number of Borings	Boring ID	Groundwater Sample Depth (ft bgs)
3	SB-4/GW-01 SB-5/GW-02 SB-6/GW-03	25

Groundwater was encountered at approximately 20 ft bgs in GW-01, 20 ft bgs in GW-02, and 25 ft bgs in GW-03. The borings were advanced to a total depth of 25 feet using a direct push drill rig. The drill rod was partially retracted and a 2-inch diameter disposable polyvinyl chloride (PVC) blank casing with 5-feet of slotted screen attached was lowered into each boring. Groundwater entered each boring and PVC screen and was sampled after at least three feet of groundwater was measured to be in the screen. A dedicated disposable bailer was lowered into the casing to retrieve the groundwater samples. Groundwater was transferred to laboratory provided 40 milliliter (mL) VOAs preserved with 3% hydrochloric acid solution and unpreserved 500 mL amber bottles.

Upon completion of the soil and groundwater sampling, soil borings SB-4 through SB-6 were backfilled with bentonite grout and finished to match pre-existing ground conditions.

Soil Vapor Probe Installation and Sampling Methodology

Soil vapor probe installation and sampling were conducted in accordance with Department of Toxic Substances Control's (DTSC) July 2015 *Advisory for Active Soil Gas Investigations* (DTSC 2015).

On March 18, 2022, temporary soil vapor probes were installed at 5 ft bgs in soil borings SB-1, SB-2, and SB-3. Teflon tubing was lowered into the boring such that the screen was located at 4.5 ft bgs. A 1-foot-thick filter pack of #3 Monterey sand was emplaced around the screen from 4 to 5 ft bgs. Dry bentonite chips were emplaced from 3.5 to 4 ft bgs. Hydrated bentonite chips were emplaced from 1 to 3.5 ft bgs, and dry bentonite chips were emplaced from 1 ft bgs to surface.

On March 23, 2022, three soil vapor samples (SV-1, SV-2, and SV-3) and one duplicate soil vapor sample (SV-2-Dup) were collected from the three temporary soil vapor probes. The total number of soil vapor samples and sampling depths for the soil vapor samples are described in Table 3 and are shown in Figure 2.

Table 3 Soil Vapor Sampling Locations and Depths

Number of Samples	Boring/ Sample ID	Soil Vapor Sample Interval (ft bgs)
3	SB-1/SV-1 SB-2/SV-2 SB-3/SV-3	4.5 – 5

Prior to making a connection to the sampling point, the integrity of the Summa canister and manifold were tested using a shut-in test. The manifold was connected to a 60 milliliter (mL) syringe to evacuate the manifold and create a vacuum. The valve on the syringe was then closed, "shutting in" the vacuum, and the start time and flow controller reading were recorded on the field sheets.

The flow controller was observed for at least three minutes to confirm that the vacuum did not decrease over time. After at least three minutes had elapsed, the end time and final flow controller readings were recorded. If the vacuum reading decreased by any amount during the shut-in test, the connections were re-checked, and the test conducted again. If the test failed again, a different manifold was selected, and the process performed again.

To assess whether ambient air was infiltrating the sample or short-circuiting across the hydrated bentonite sealing the soil gas probes, a leak test was performed using a shroud and helium gas provided by the analytical laboratory. After the shut-in test, the manifold was connected directly to the probe tubing, and the entire sampling array was placed inside of the shroud. The shroud was sealed and charged with helium until an atmosphere composition of 15% helium was achieved and stabilized.

A volume equal to three times the combined volume of the tubing, the sand pack pore space, and the sample train was purged from the system using a dedicated 6-liter purge cannister. The purged soil gas was passed through a helium detector. If any amount of helium was detected in the purge exhaust, the sample train was checked, and the test was re-run until the absence of helium in the sample train was established.

The samples were collected with the cannisters placed inside the helium charged shroud, such that if an undetected leak occurred after the leak test, helium would be drawn into the sample train and detected during laboratory analysis.

Data collected during the leak tests were recorded on sampling field sheets, which are included in this report as Appendix B

Analytical Program

Samples were transported for analysis via courier under chain-of-custody protocol to Enthalpy Analytical (Enthalpy) a state-certified analytical laboratory in Berkeley, California. The analytical program for the soil, groundwater and soil vapor is summarized below in Table 4.

Table 4 Analytical Methods

Sampled Media	Number of Samples Analyzed	Analytes	Analytical Method
Soil	15	TPH-g, TPH-d and TPH-o Using Silica Gel Clean-Up Method	EPA Method 8015M EPA SW-846 Test Method 3630C
		VOCs	EPA Method 8260B with EPA Method 5035 field preservation
		SVOCs	EPA Method 8270
		Title 22 Metals	EPA Method 6010B/7471A
Groundwater	3	TPH-g, TPH-d and TPH-o Using Silica Gel Clean-Up Method	EPA Method 8015B EPA SW-846 Test Method 3630C
		VOCs	EPA Method 8260B
Soil Vapor	4 (including one duplicate)	VOCs	EPA Method TO-15

Decontamination Processes

All reusable (non-disposable) drilling and sampling equipment underwent a three-stage decontamination procedure between samples. Equipment was washed using a phosphate-free detergent solution rinsed with potable water and rinsed again with deionized water.

Investigation Derived Waste

Decontamination water and soil cuttings are considered Investigation Derived Waste (IDW) and were containerized in one 55-gallon drum placed at the site. IDW will be disposed based on waste characterization analysis. Upon receipt of analytical data, the IDW will be characterized and disposed of offsite at an approved California disposal, treatment, or recycling facility.

Analytical Results

The analytical laboratories were required to report both the method detection limit (MDL) and the reporting limit (RL) for every sample result. Per 40 CFR, part 136, Appendix C, the MDL is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The RL is typically 2 to 10 times the MDL. A detection between the MDL and the RL is flagged by the laboratory (J flag) to indicate that the laboratory cannot reliably quantify the detection. Laboratories are required to report all detections and all data qualifiers. All non-detections were reported as not detected less than the value of the MDL.

Soil Sample Analytical Results

A copy of the laboratory analytical report is included in Appendix B. Summaries of the soil sample analytical data are included in Tables 13 through 15.

Total Petroleum Hydrocarbons in Soil

Petroleum hydrocarbons were detected in all of the soil samples analyzed (Table 13). In addition, Table 5 below summarizes TPH detections in the soil borings.

Table 5 Summary of Detected Concentrations of TPH in Soil

Constituent	Number of Detections (Out of 15 Samples Analyzed)	Samples Exceeding ESL	Maximum Detected Concentration (mg/kg)/ Boring ID-Depth (ft bgs)	ESL Exceeded
TPH-diesel range (TPH-d)	9	None	24 (SB-3-1')	No
TPH-oil range (TPH-o)	13	None	70 (SB-3-1')	No

None of the soil samples collected and analyzed for TPH exceed their respective residential or construction worker ESLs for TPH in soil.

Volatile Organic Compounds in Soil

Table 6 below summarizes VOC detections in the soil samples. VOCs not listed below were not detected above the MDL during this sampling event (Table 14).

Table 6 Summary of Detected Concentrations of VOCs in Soil

Constituent	Number of Detections (Out of 15 Samples Analyzed)	Samples Exceeding ESL	Maximum Detected Concentration (µg/kg)	ESL Exceeded
Ethylbenzene	1	None	1.5J (SB-6-1')	No
Total Xylenes	1	None	8.2J (SB-6-1')	No
2-Butanone	1	N/A	3.9J (SB-2-1')	NE
Acetone	1	None	29J (SB-2-5')	No
Methylene Chloride	1	None	1.4J (SB-6-10')	No

J – Laboratory flag indicating estimated value (constituent detected at a concentration between method detection limit and reporting limit)

N/A – Not applicable

NE - ESLs have not been established for 2-Butanone.

None of the soil samples collected and analyzed for VOCs exceed their respective ESLs for VOCs in soil.

Semi-Volatile Organic Compounds in Soil

Table 7 below summarizes SVOC detections in the soil borings. SVOCs not listed below were not detected above the MDL during this sampling event (Table 13).

Table 7 Summary of Detected Concentrations of SVOCs in Soil

Constituent	Number of Detections (Out of 3 Samples Analyzed)	Samples Exceeding ESL	Maximum Detected Concentration (mg/kg)	ESL Exceeded
Phenol	1	None	0.053 J (SB-6-10')	No

J – Laboratory flag indicating estimated value (constituent detected at a concentration between method detection limit and reporting limit)

None of the soil samples collected and analyzed for SVOCs exceed their respective ESLs for SVOCs in soil.

CCR Title 22 Metals

Metals were detected in each of the 15 soil samples analyzed (Table 15). Table 8 summarizes metals detections in the soil borings that exceed ESLs and/or background concentration ranges.

Table 8 Summary of Detected Concentrations of Select Metals in Soil

Constituent	Number of Detections (Out of 15 Samples Analyzed)	Samples Exceeding ESL and/or Background Concentration Range	Maximum Detected Concentration (mg/kg)	ESL and/or Background Concentration Range Exceeded (mg/kg)
Arsenic	15	15 (SB-1 through SB-6)*	23 (SB-3-1')	0.067 (Residential ESL) 0.98 (Construction Worker ESL) 0.6-11 Background Concentration Range
Cobalt	15	1 (SB-1-1')	24 (SB-1-1')	23 (Residential ESL)
Lead	15	4 (SB-1-1', SB-3-1', SB-4-1', SB-6-1')	140 (SB-6-1')	80 (Residential ESL) 12.4-97.1 Background Concentration Range
Nickel	15	8 (SB-1-5', SB-3-1' and -5', SB-4-1' SB-4-5', SB-5-1', SB-5-10', and SB-6-1')	190 (SB3-1')	86 (Construction Worker ESL)
Thallium	12	8 (SB-1-5', SB-2-1', SB-3-1' and -5' SB-4-1', SB-4-5', SB-5-1', and SB-5-10')	1.2 J (SB-3-1' and SB-5-10')	0.78 (Residential ESL) 0.17-1.1 Background Concentration Range

* - Arsenic in all 15 soil samples exceed the ESL for residential exposure. However, the detected concentrations of arsenic are within the background concentration range for arsenic in California soil, except for the 1 ft bgs samples collected from SB-1, SB-3, SB-4, and SB-6

J – Laboratory flag indicating estimated value (constituent detected at a concentration between method detection limit and reporting limit)

Groundwater Sample Analytical Results

A copy of the laboratory analytical report is included in Appendix B. Summaries of the groundwater sample analytical data are included in Tables 13 and 14.

Total Petroleum Hydrocarbons in Groundwater

Petroleum hydrocarbons were detected in two of the groundwater samples analyzed (Table 13). In addition, Table 9 below summarizes TPH detections in the groundwater samples.

Table 9 Summary of Detected Concentrations of TPH in Groundwater

Constituent	Number of Detections (Out of 3 Samples Analyzed)	Samples Exceeding VI ESL	Maximum Detected Concentration (mg/L)	VI ESL (mg/L) Exceeded
TPH-d	2	N/A	2.7 (GW-03)	NE
TPH-o	2	N/A	8.3 (GW-03)	NE

N/A – Not applicable

NE - ESLs have not been established for TPH-d or TPH-o in groundwater.

TPH-g was not detected in any of the groundwater samples analyzed. TPH-d was detected in two of the samples analyzed (GW-01 and GW-03) at concentrations of 0.26 milligrams per liter (mg/L) and 2.7 mg/L, respectively. VI ESLs have not been established for TPH-g, TPH-d and TPH-o in groundwater.

Volatile Organic Compounds in Groundwater

VOCs were detected in all three of the groundwater samples analyzed (Table 14). In addition, Table 10 below summarizes VOC detections in the groundwater samples.

Table 10 Summary of Detected Concentrations of VOCs in Groundwater

Constituent	Number of Detections (Out of 3 Samples Analyzed)	Samples Exceeding VI ESL	Maximum Detected Concentration (µg/L)	VI ESL Exceeded
Benzene	1	None	0.2 J (GW-01)	No
Toluene	2	None	0.2 J (GW-01, GW-03)	No
Ethylbenzene	1	None	0.2 J (GW-03)	No
Total Xylenes	1	None	1.3 J (GW-03)	No
2-Butanone	2	N/A	6.8 (GW-03)	NE

µg/L– micrograms per liter

J – Laboratory flag indicating estimated value (constituent detected at a concentration between method detection limit and reporting limit)

N/A – Not applicable

NE - ESLs have not been established for 2-Butanone.

None of the groundwater samples collected and analyzed for VOCs exceed their respective VI ESLs for VOCs in groundwater.

Soil Vapor Sample Analytical Results

A copy of the laboratory analytical report is included in Appendix B. A summary of the soil vapor sample analytical data is included in Table 16.

Volatile Organic Compounds in Soil Vapor

VOCs were detected in all three of the soil vapor samples analyzed (Table 16). Table 11 below summarizes VOC detections in the soil vapor samples.

Table 11 Summary of Detected Concentrations of VOCs in Soil Vapor

Constituent	Number of Detections (Out of 3 Samples Analyzed)	Samples Exceeding ESL	Maximum Detected Concentration ($\mu g/m^3$)	ESL Exceeded
Tetrachloroethene	2	None	8.9 (SV-3)	No
Trichloroethene	1	None	2.7 (SV-2)	No
Acetone	3	None	19 (SV-1)	No
Freon 12	3	N/A	2.1 (SV-1, SV-2, SV-3)	NE

$\mu g/m^3$ – micrograms per cubic meter

N/A – Not applicable

NE - MCLs have not been established for Freon-12.

None of the soil vapor samples collected and analyzed for VOCs exceed their respective ESLs.

Conclusions and Recommendations

Soil

TPH, VOCs, and SVOCs were either not detected or were detected below their respective residential and/or construction worker ESLs; therefore, TPH, VOCs, and SVOCs are not considered to pose an unacceptable health risk.

Additionally, VOCs that were detected in soil vapor samples were not detected in soil; therefore, evidence of an onsite source of soil vapor impacts has not been established.

Varying concentrations of metals were detected in the soil samples. The following metals exceed ESLs and/or background concentrations:

- Arsenic and lead were detected in four soil samples (at 1 ft bgs) above the residential ESL and above background concentrations.
- Cobalt was detected above the residential ESL in one soil sample (at 1 ft bgs) but was within typical background concentrations.
- Nickel was detected above the construction worker ESL, but was below the residential ESL and within typical background concentrations.
- Thallium was detected above the residential ESL. However, the detected concentrations are within the background concentration range for thallium in California soil, except for 1.2 mg/kg detected in SB-3 at 1 ft bgs and SB-5 at 10 ft bgs which slightly exceeds the upper end background concentration range of 1.1 mg/kg. In addition, the detected concentrations are similar in the samples collected from the site at all depths (from 1, 5, and 10 ft bgs) ranging from 0.58 to 1.2 mg/kg. Therefore, the detected concentrations appear to be background concentrations and are not likely a result of an anthropogenic source.

Select locations could pose an unacceptable health risk if exposed to residential receptors. Additionally, nickel was detected above the construction worker ESL and could also pose a health risk.

Rincon recommends that soils either be remediated to below residential ESLs (background levels as applicable), or that soil impacts be encapsulated such that the exposure pathway remains incomplete for future residential receptors. If residual contamination is encapsulated onsite, administrative controls (such as a land use covenant) should be implemented to protect future construction workers and future residents.

Rincon recommends that a Soil Management Plan (SMP) be prepared to protect construction workers during construction activities and to ensure that impacted soil (above construction worker ESLs) is properly handled, stored, transported, and disposed. In addition, prior to grading of the site for redevelopment, further analysis of the soil for select metals for waste disposal characterization is recommended.

Soil Vapor

VOCs in soil vapor samples were either not detected above the laboratory reporting limits or were detected below their respective residential ESLs; therefore, VOCs in soil vapor are not considered to pose an unacceptable health risk.

Rincon recommends no further action with respect to soil vapor.

Groundwater

VOCs were not detected above VI ESLs; therefore, VOCs in groundwater are not considered to pose an unacceptable health risk.

TPH-g was not detected in any of the groundwater samples analyzed. TPH-d was detected in two of the samples analyzed (GW-01 and GW-03) at concentrations of 0.26 mg/L and 2.7 mg/L, respectively. VI ESLs have not been established for TPH-d and TPH-o in groundwater.

Rincon understands that groundwater beneath the site is not intended for use as a drinking water source for the site, and dewatering is not planned during construction. Rincon concludes that groundwater does not currently pose a vapor intrusion risk and is unlikely to pose a risk to human health. Rincon recommends no further action with respect to groundwater assessment.

Constituents of Concern

Based on the results of the Phase II ESA, the following are identified as constituents of concern:

Table 12 Summary of Contaminants of Concern

Medium	COCs	Boring Location/ Sample Depth (ft bgs)	Exceedances
Soil Matrix	Arsenic Lead	SB-1/1 SB-3/1 SB-4/1 SB-6/1	Arsenic and lead exceed the residential ESLs and background concentration ranges.
	Nickel	All except SB-2	Nickel exceeds the construction worker ESL.
	Cobalt	SB-1/1	Cobalt slightly exceeds the residential ESL

Limitations

This report has been prepared for and is intended for the exclusive use of the Santa Clara County Housing Authority. The contents of this report should not be relied upon by any other party without the written consent of Rincon.

Our conclusions regarding the site are based on observations of existing conditions at the site and the results of a limited subsurface sampling program. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the site. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Furthermore, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other events. Conclusions regarding the condition of the site do not represent a warranty that all areas within the site are similar to those sampled.

References

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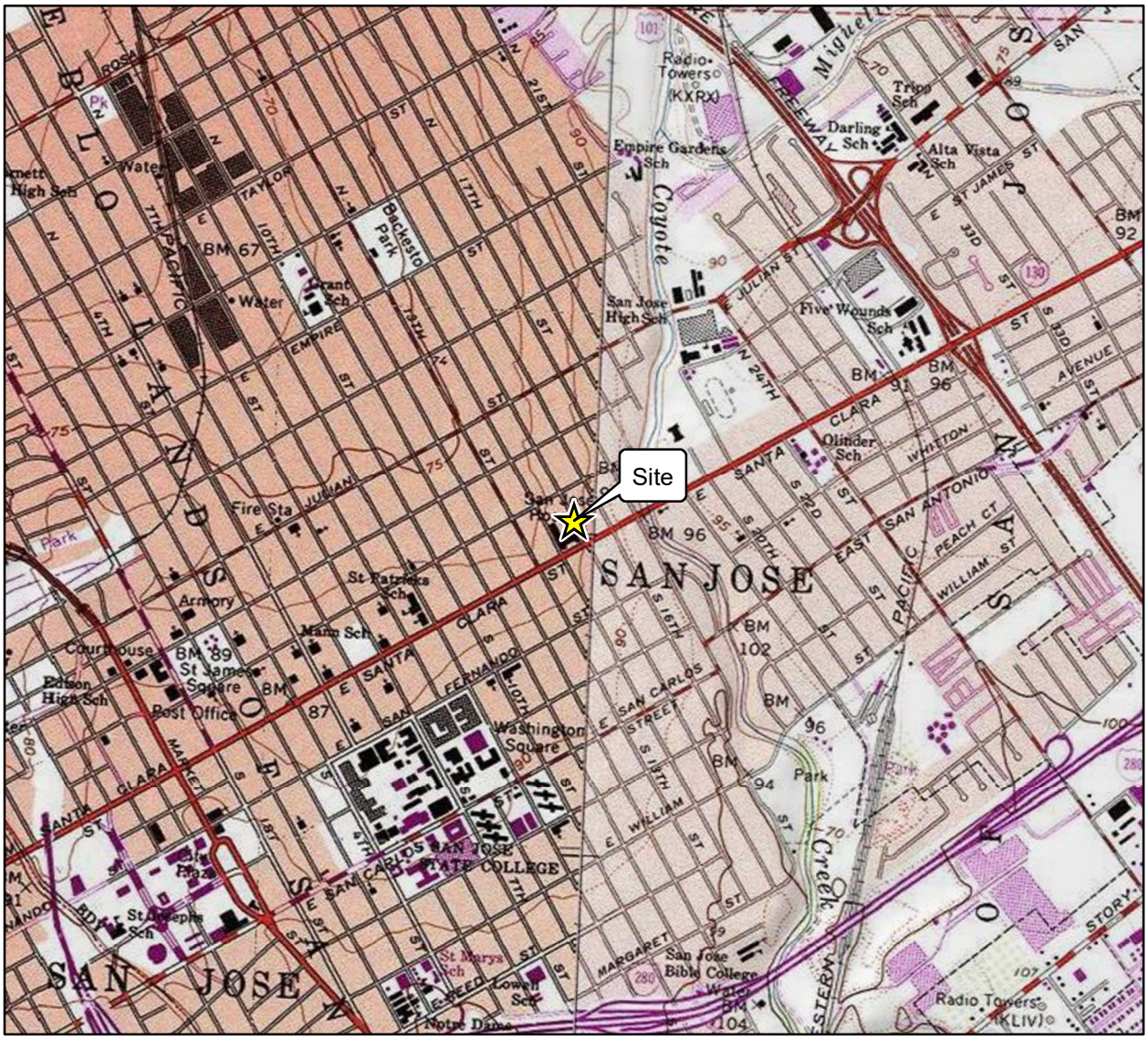
Figures



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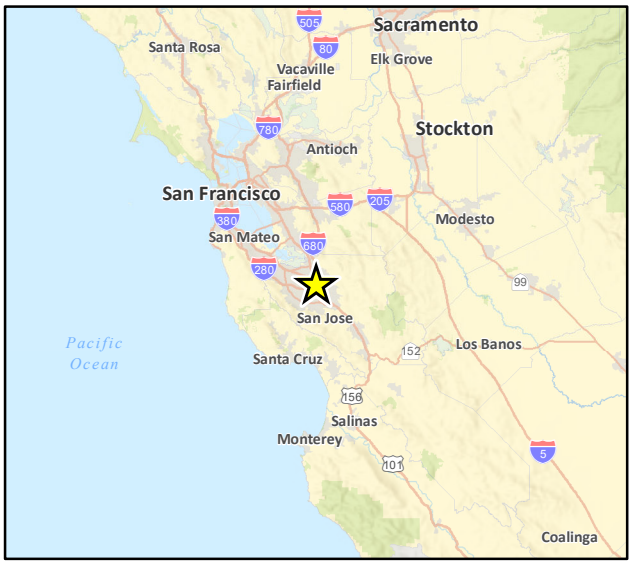
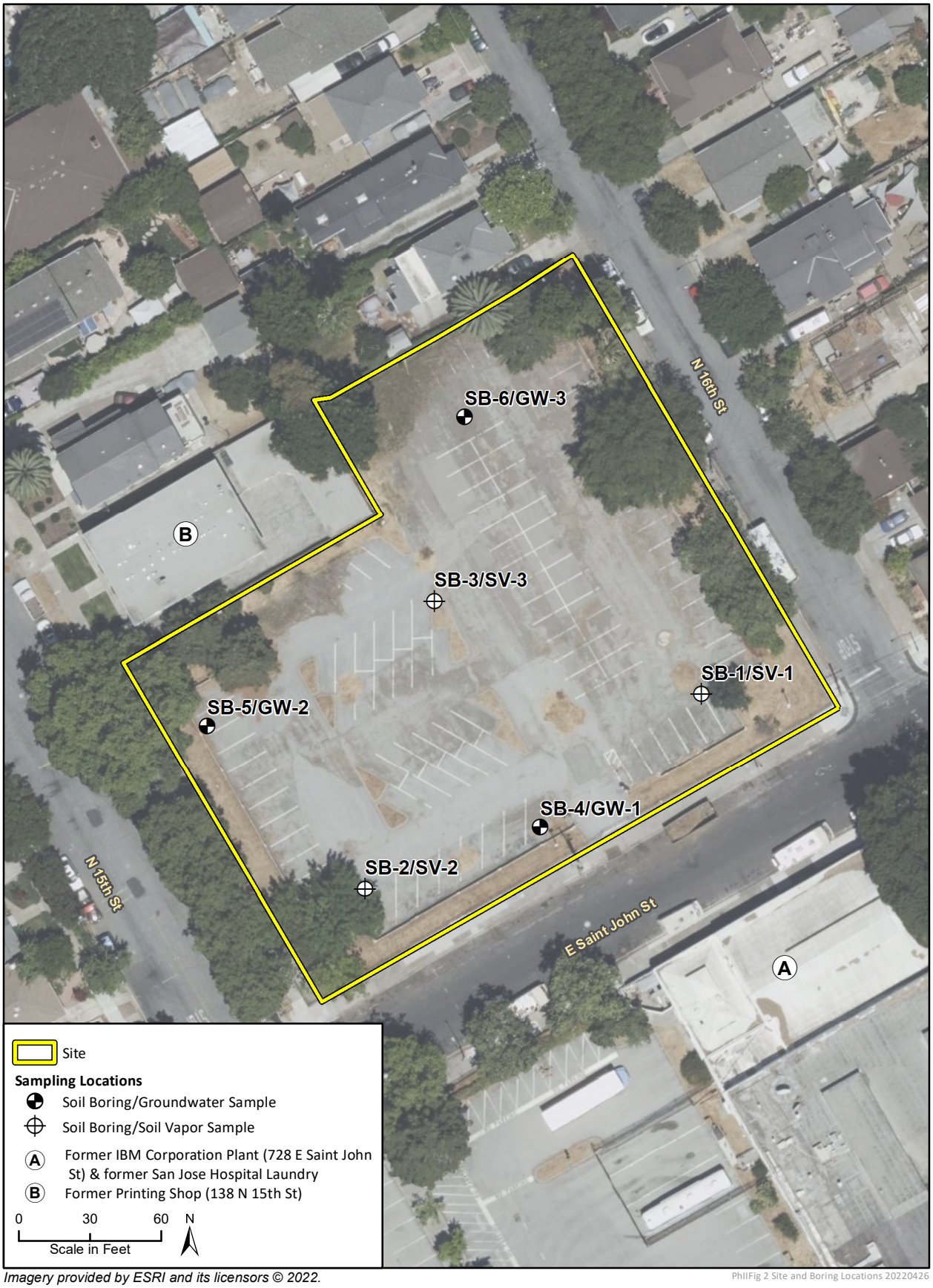


Vicinity

Figure 1



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PhIIFig 2 Site and Boring Locations 20220426

Site and Boring Locations

Figure 2

Tables

Table 13: Soil and Groundwater Sample Analytical Results - TPH and SVOCs

			Total Petroleum Hydrocarbons						SVOCs	
Sample ID	**Sample Depth (feet bgs)**	**Sample Date**	**TPH-g (C6-C10) (SGCU)**	**TPH-d (C10-C24) (SGCU)**	**TPH-o (C24-C36) (SGCU)**	**TPH-g (C6-C10) (SGCU)**	**TPH-d (C10-C28) (SGCU)**	**TPH-o (C28-C36) (SGCU)**	**Phenol**	**Other SVOCs**
			mg/L			**mg/kg**				
SB-1	0.5-1.0	3/18/2022	--	--	--	<1.5	**5.3 B,J**	**9.5 B,J**	<730	<various
	4.5-5.0		--	--	--	<1.5	<1.5	**1.6 B,J**	<36	<various
SB-2	0.5-1.0	3/18/2022	--	--	--	<1.5	<1.5	**1.7 B,J**	<36	<various
	4.5-5.0		--	--	--	<1.5	<1.5	**1.7 B,J**	<36	<various
SB-3	0.5-1.0	3/18/2022	--	--	--	<1.5	**24**	**70**	<730	<various
	4.5-5.0		--	--	--	<1.5	<1.5	**2 B,J**	<36	<various
SB-4	0.5-1.0	3/18/2022	--	--	--	<1.5	**2.5 B,J**	**4.4 B,J**	<150	<various
	4.5-5.0		--	--	--	<1.5	<1.5	**1.5 B,J**	<36	<various
	9.5-10.0		--	--	--	<1.3	**1.6 B,J**	<1.3	<36	<various
GW-01	25.0		<0.2	**0.26 J**	**0.67 B,J**	--	--	--	--	<various
SB-5	0.5-1.0	3/18/2022	--	--	--	<1.3	**2.6 B,J**	**3.4 B,J**	<36	<various
	4.5-5.0		--	--	--	<1.3	**4.3 B,J**	**5.1 B,J**	<36	<various
	9.5-10.0		--	--	--	<1.3	**1.9 B,J**	**1.8 B,J**	<36	<various
GW-02	25.0		<0.2	<0.2	<0.2	--	--	--	--	<various
SB-6	0.5-1.0	3/18/2022	--	--	--	<1.3	**17 B**	**26 B**	<730	<various
	4.5-5.0		--	--	--	<1.3	**1.9 B,J**	**2.4 B,J**	<36	<various
	9.5-10.0		--	--	--	<1.3	<1.3	<1.3	**0.053 J**	<various
GW-03	25.0		<0.76	**2.7**	**8.3**	--	--	--	--	--
Residential ESLs (Soil)			*N/A*	*N/A*	*N/A*	*12,000*	*430*	*260*	*2,300*	*Varies*
Construction Worker ESLs (Soil)			*N/A*	*N/A*	*N/A*	*54,000*	*1,800*	*1,100*	*98,000*	*Varies*
Residential VI ESLs (Groundwater)			*NE*	*NE*	*NE*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*

Notes

B - Contamination found in associated Method Blank

J - Result reported between the method detection limit (MDL) and the reporting limit (RL); Estimated value

Definitions

bold - Analyte detected above MDL

- Concentrations in soil detected above Residential ESLs

- Concentrations in soil detected above Construction Worker ESLs

- Concentrations detected above Residential Vapor Intrusion (VI) ESLs

< - Not detected above the MDL

-- - Not analyzed

N/A - Not applicable

bgs - below ground surface

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

NE - Not established

TPH - Total petroleum hydrocarbons

TPH-g - Gasoline range organics

TPH-d - Diesel range organics

TPH-o - Oil range organics

SGCU - Silica gel clean up

SVOCs - Semi-volatile organic compounds

Screening Levels

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected) for:

Residential ESLs - Residential: shallow soil exposure

Residential VI ESLs - Vapor intrusion human health risk for residential land use scenario for COCs in groundwater

Construction Worker ESLs - Any land use/any depth soil exposure

Table 14: Soil and Groundwater Sample Analytical Results - VOCs

Sample ID	Sample Depth (feet bgs)	Sample Date	Chlorinated VOCs			BTEX Chemicals				Other VOCs			
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl Chloride	Benzene	Toluene	Ethylbenzene	Total Xylenes	2-Butanone	Acetone	Methylene Chloride	Other VOCs
			µg/kg (Soil) / µg/L (Groundwater)										
SB-1	0.5-1.0	3/18/2022	<1.0	<0.9	<1.7	<1	<0.9	<1.2	<5.6	<3.3	<28	<0.7	<various
	4.5-5.0		<0.9	<0.8	<1.5	<0.9	<0.8	<1.1	<4.8	<2.9	<24	<0.6	<various
SB-2	0.5-1.0	3/18/2022	<1.2	<1	<1.9	<1.1	<1	<1.3	<6.1	**3.9 J**	<30	<0.8	<various
	4.5-5.0		<1.1	<0.9	<1.8	<1.1	<0.9	<1.2	<5.7	<3.4	**29 J**	<0.8	<various
SB-3	0.5-1.0	3/18/2022	<1	<0.9	<1.7	<1	<0.9	<1.2	<5.4	<3.3	<27	<0.7	<various
	4.5-5.0		<1.2	<1.1	<2	<1.2	<1	<1.4	<6.4	<3.8	<32	<0.8	<various
SB-4	0.5-1.0	3/18/2022	<0.8	<0.7	<1.4	<0.8	<0.7	<0.9	<4.3	<2.6	<22	<0.6	<various
	4.5-5.0		<0.8	<0.7	<1.4	<0.8	<0.7	<0.9	<4.3	<2.6	<22	<0.6	<various
	9.5-10.0		<0.9	<0.8	<1.5	<0.9	<0.7	<1	<4.6	<2.8	<23	<0.6	<various
GW-01	25.0		<0.2	<0.1	<0.1	**0.2 J**	**0.2 J**	<0.1	<0.5	**1.1 J**	<17	<0.5	<various
SB-5	0.5-1.0	3/18/2022	<0.8	<0.7	<1.4	<0.8	<0.7	<1	<4.5	<2.7	<22	<0.6	<various
	4.5-5.0		<0.8	<0.7	<1.4	<0.8	<0.7	<0.9	<4.3	<2.6	<22	<0.6	<various
	9.5-10.0		<0.9	<0.8	<1.5	<0.9	<0.8	<1.1	<4.8	<2.9	<24	<0.6	<various
GW-02	25.0		<0.2	<0.1	<0.1	<0.08	<0.1	<0.1	<0.5	<0.6	<17	<0.5	<various
SB-6	0.5-1.0	3/18/2022	<0.9	<0.8	<1.5	<0.9	<0.7	**1.5 J**	**8.2 J**	<2.8	<24	<0.6	<various
	4.5-5.0		<0.8	<0.7	<1.4	<0.8	<0.7	<1	<4.4	<2.6	<22	<0.6	<various
	9.5-10.0		<0.9	<0.8	<1.6	<0.9	<0.8	<1.1	<5.0	<3	<25	**1.4 J**	<various
GW-03	25.0		<0.2	<0.1	<0.1	<0.08	**0.2 J**	**0.2 J**	**1.3 J**	**6.8**	<17	<0.5	<various
Residential ESLs (Soil)			*590*	*950*	*8.3*	*330*	*1,100,000*	*59,000*	*580,000*	*NE*	*61,000,000*	*1,900*	*Varies*
Construction Worker ESLs (Soil)			*33,000*	*18,000*	*3,400*	*33,000*	*4,700,000*	*540,000*	*2,400,000*	*NE*	*270,000,000*	*490,000*	*Varies*
Residential VI ESLs (Groundwater)			*0.64*	*1.2*	*0.0086*	*0.42*	*1,200*	*3.5*	*390*	*NE*	*230,000,000*	*7.8*	*Varies*

Definitions

bold - Analyte detected above method detection limit

- Concentrations detected above Residential ESLs

- Concentrations detected above Construction Worker ESLs

- Concentrations detected above Residential Vapor Intrusion (VI) ESLs

< - Not detected above the method detection limit

bgs - below ground surface

J - Result reported between the method detection limit (MDL) and the reporting limit (RL); Estimated value

µg/kg - micrograms per kilogram

µg/L - micrograms per liter

NE - Not established

VOC - Volatile organic compounds

Screening Levels

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected) for:

Residential ESLs - Residential: shallow soil exposure

Residential VI ESLs - Vapor intrusion human health risk for residential land use scenario for COCs in groundwater

Construction Worker ESLs - Any land use/any depth soil exposure

Table 15: Soil Analytical Results - Metals

Sample ID	Sample Depth (feet bgs)	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			mg/kg																
SB-1	0.5-1.0	3/18/2022	<1.6	**13**	**190**	**0.24 J**	<0.076	**55**	**24**	**31**	**100**	**0.32**	<0.6	**82**	<0.4	<0.16	<0.59	**35**	**120**
	4.5-5.0		<1.6	**9.2**	**200**	**0.32 J**	<0.074	**59**	**15**	**31**	**11**	**0.06 J**	<0.58	**93**	<0.4	<0.16	**0.85 J**	**39**	**67**
SB-2	0.5-1.0	3/18/2022	<1.8	**6.9**	**150**	**0.17 J**	<0.082	**53**	**12**	**25**	**7.7**	**0.062 J**	<0.65	**85**	<0.44	<0.18	**1 J**	**31**	**53**
	4.5-5.0		<1.6	**6.1**	**170**	**0.14 J**	<0.077	**57**	**9.1**	**20**	**5.6**	**0.33**	<0.6	**82**	<0.41	<0.16	<0.59	**33**	**47**
SB-3	0.5-1.0	3/18/2022	<1.8	**23**	**300**	**0.22 J**	<0.082	**110**	**18**	**37**	**98**	**0.36**	<0.65	**190**	<0.44	<0.18	**1.2 J**	**37**	**190**
	4.5-5.0		<1.7	**9.1**	**190**	**0.34 J**	<0.078	**69**	**15**	**33**	**17**	**0.07 J**	<0.61	**99**	<0.42	<0.17	**0.91 J**	**40**	**69**
SB-4	0.5-1.0	3/18/2022	**1.6 J**	**13**	**220**	**0.37 J**	<0.07	**65**	**15**	**45**	**120**	**0.3**	<0.55	**100**	<0.37	<0.15	**0.81 J**	**37**	**160**
	4.5-5.0		<1.7	**7.7**	**200**	**0.23 J**	<0.078	**56**	**14**	**31**	**9.5**	**0.052 J**	<0.61	**89**	<0.42	<0.17	**0.88 J**	**37**	**62**
	9.5-10.0		<1.7	**7.3**	**240**	**0.21 J**	<0.082	**45**	**11**	**25**	**8.5**	**0.056 J**	<0.64	**62**	<0.43	<0.17	**0.75 J**	**31**	**53**
SB-5	0.5-1.0	3/18/2022	**1.7 J**	**8.9**	**210**	**0.28 J**	<0.071	**64**	**16**	**35**	**20**	**0.058 J**	**2.8**	**100**	<0.38	<0.15	**0.92 J**	**40**	**84**
	4.5-5.0		<1.6	**5.3**	**88**	**0.13 J**	<0.077	**53**	**8.9**	**18**	**6.9**	**0.11 J**	<0.6	**75**	<0.41	<0.16	<0.59	**32**	**47**
	9.5-10.0		<1.6	**8.6**	**220**	**0.33 J**	<0.077	**59**	**17**	**34**	**9.6**	**0.057 J**	<0.6	**94**	<0.41	<0.16	**1.2 J**	**40**	**69**
SB-6	0.5-1.0	3/18/2022	**2.5 J**	**23**	**260**	**0.18 J**	<0.074	**77**	**16**	**41**	**140**	**0.53**	<0.58	**120**	<0.4	<0.16	**0.76**	**43**	**220**
	4.5-5.0		<1.5	**6.4**	**180**	**0.15 J**	<0.068	**55**	**12**	**25**	**8.1**	**0.051 J**	<0.54	**83**	<0.36	<0.15	**0.68**	**33**	**55**
	9.5-10.0		<1.5	**5.6**	**130**	<0.1	<0.07	**47**	**9.3**	**20**	**6.4**	**0.046 J**	<0.55	**69**	<0.37	<0.15	**0.58 J**	**31**	**47**
Residential ESLs			*11*	*0.067*	*15,000*	*16*	*78*	*NE[1]*	*23*	*3,100*	*80*	*13*	*390*	*820*	*390*	*390*	*0.78*	*390*	*23,000*
Construction Worker ESLs			*50*	*0.98*	*3,000*	*27*	*51*	*NE[1]*	*28*	*14,000*	*160*	*44*	*1,800*	*86*	*1,700*	*1,800*	*3.5*	*470*	*110,000*
TTLC Thresholds			*500*	*500*	*10,000*	*75*	*100*	*2,500*	*8,000*	*2,500*	*1,000*	*20*	*3,500*	*2,000*	*100*	*500*	*700*	*2,400*	*5,000*
STLC Screening Criteria/Thresholds			*150*	*50*	*1,000*	*7.5*	*10*	*50*	*800*	*250*	*50*	*2*	*3500*	*200*	*10*	*50*	*70*	*240*	*2,500*
TCLP Screening Criteria/Thresholds			*NE*	*100*	*2,000*	*NE*	*20*	*100*	*NE*	*NE*	*100*	*4*	*NE*	*NE*	*20*	*100*	*NE*	*NE*	*NE*
Background Concentration			*0.15 - 1.95*	*0.6 - 11*	*133 - 1,400*	*0.25 - 2.70*	*0.05 - 1.70*	*23 - 1,579*	*2.7 - 46.9*	*9.1 - 96.4*	*12.4 - 97.1*	*0.05 - 0.90*	*0.1 - 9.6*	*9.0 - 509*	*0.015 - 0.430*	*0.10 - 8.3*	*0.17 - 1.1*	*39 - 288*	*88 - 236*

Notes:
1 - Only a Tier 1 ESL has been established for total chromium (160 mg/kg)

Definitions

bold - Analyte detected above method detection limit (MDL)

- Concentrations detected above Residential ESLs

- Concentrations detected above Construction Worker ESLs

50 - Concentrations detected above the STLC Threshold

100 - Concentrations detected above the STLC and TCLP Threshold

TTLC - total threshold limit concentration

STLC - soluble threshold limit concentration

< - Not detected above the MDL

bgs - below ground surface

J - Result reported between the method detection limit (MDL) and the reporting limit (RL); Estimated value

mg/kg - milligrams per kilogram

Screening Levels

Background Concentration - Kearney, Background Concentrations of Trace and Major Elements in California Soils, University of California, 1996

ESLs - Environmental Screening Levels, San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure Human Health Risk Levels (Table S-1), Cancer Risk or Non-Cancer Hazard (lower value selected) for:

Residential ESLs - Residential: shallow soil exposure

Construction Worker ESLs - Any land use/any depth soil exposure

Table 16: Soil Vapor Analytical Results - Volatile Organic Compounds

Sample ID	Sample Date	Depth (feet bgs)	Chlorinated VOCs			BTEX Chemicals				Other VOCs		
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	Vinyl Chloride	Benzene	Toluene	Ethylbenzene	Total Xylenes	Acetone	Freon 12	Other VOCs
			µg/m3									
SV-1	3/23/2022	5	<0.34	<0.24	<0.27	<0.22	<0.16	<0.19	<1.7	**19**	**2.1**	<MDL
SV-2		5	**4.7**	<0.24	<0.27	<0.22	<0.16	<0.19	<1.7	<0.38	**2.1**	<MDL
SV-2-DUP[1]		5	**4.7**	**2.7**	<0.27	<0.22	<0.16	<0.19	<1.7	**7.7**	**2.1**	<MDL
SV-3		5	**8.9**	<0.24	<0.27	<0.22	<0.16	<0.19	<1.7	**7.8**	**2.1**	<MDL
Sub-slab Residential ESLs			*15*	*16*	*0.32*	*3.2*	*10,000*	*37*	*3,500*	*1,100,000*	*NE*	*Varies*

Notes

1 - Duplicate sample.

Definitions

bold - Analyte detected above method detection limit

- Concentrations detected above Sub-slab Residential ESLs

< - Not detected above the method detection limit

VOCs - Volatile organic compounds

µg/m^3 - micrograms per cubic meter

bgs - below ground surface

NE - Not established

ESLs = Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board, July 2019, Revision 2, Direct Exposure, Human Heath Risk (Table IA-1), Cancer Risk or Non-Cancer Hazard (lower value selected)

Appendix A

Soil Boring Logs

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LOG OF BORING SB-1

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0		ML		SILT, dark brown, dry, loose, very soft, nonplastic, some sand and gravel.
1				
2				
3				slightly plastic, soft.
4				
5				
6				
7				
8				
9				
10				

Rincon Consultants, Inc.
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LOG OF BORING SB-2

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0–3		ML		SILT, dark brown, plastic, moist, firm, some gravel, no odor.
3–5		GC		Gravel with sand and clay, brown, soft, nonplastic, moist, no odor.

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LOG OF BORING SB-3

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0		ML		SILT, brown, dry, nonplastic, very soft, some sand and gravel, no odor.
1				
2				
3				dark brown, slightly plastic, soft, dark brown, some gravel.
4				
5				
6				
7				
8				
9				
10				

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LOG OF BORING SB-4

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0		ML		SILT, brown, dry, nonplastic, soft, some sand and gravel, no odor.
1				moist, low plasticity.
2				no sand or gravel, low plasticity.
3				
4				
5				
6				
7				
8				
9				
10		SM		Silty SAND, moist, brown, low plasticity, soft, no odor.
11				
12				
13				
14				
15		ML		SILT with sand lenses, wet, brown, low plasticity, soft, no odor.
16				
17				
18				
19				
20		SM		Silty SAND, brown, wet, low plasticity, soft, no odor. Groundwater encountered.
21				
22				
23				sand lense with black discoloration, no odor.
24				
25		CH		CLAY, moist, grey, high plasticity, firm, no odor.

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LOG OF BORING SB-5

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0–3		ML		SILT with gravel, brown, moist, low plasticity, soft, no odor. no gravel, firm.
3–15		SM		Silty SAND with gravel, brown, moist, soft, nonplastic, no odor. Sandy SILT.
15–20		ML		SILT with sand lenses, brown, wet, stiff, no odor.
20–25		SM		Silty SAND, brown, wet, low plasticity, no odor. Groundwater encountered.
25		CH		CLAY, moist, dark brown, high plasticity, firm, no odor.

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LOG OF BORING SB-6

East Santa Clara
Hawthorn Senior Apartments
San Jose, California
Project # 17-03856

Date Completed : March 18, 2022
Method : Hollow Stem Auger
Drilled By : Penecore Drilling
Logged By : Michaela Kim

Depth in Feet	Samples	USCS	GRAPHIC	DESCRIPTION
0–1		ML		SILT, some gravel, dark brown, moist, low plasticity, firm, no odor.
1–5		ML		some sand, brown, soft.
5–10		ML		some sand, brown, medium plasticity.
10–20		ML		
20–24		SM		Silty SAND, brown, moist, soft, no odor.
24–25		CH		CLAY, stiff, brown, moist, high plasticity, no odor. Groundwater encountered

Appendix B

Soil Vapor Sampling Field Sheets

Soil Vapor Sampling

Project No.: 17-03856
Date: 3/23/22

Rincon Personnel: M. Kink T. Sinnott
Project Name: Hawthorne Senior Apts
Probe ID: SV-1
Begin/End Time: 0850 / 0945

Probe Information

Manifold ID:	175	Probe Depth (ft bg):	5
Canister ID:	562	Slab Material:	Soil
Canister Volume (L):	1	Weather:	overcast

Shut-in Test

Start Time:	0851
Initial Manifold Reading (in Hg):	28
End Time:	0856
Final Manifold Reading (in Hg):	28

Leak Test and Purging

Purge Volume (mL):	693.28
3x Purge Volume (mL):	2,079.84
Purge Time:	13.9 min.
Shroud He (%):	15
Purge He (%):	0

Sampling

Start Time:	0938	End Time:	0945
Initial Manifold Reading (in Hg):	26	Final Manifold Reading (in Hg):	5
		Estimated Flow Rate (mL/min):	143

Time	Elapsed Time	Cannister Vacuum (in Hg)	Downhole Vacuum (in Hg)	Comments and Notes
0938	0	26	1	
0940	2	20	1	
0942	4	14	1	
0944	6	8	1	
0945	7	5	1	

Equations and References

Purge Volume= 693.28 mL = A) 655.48 mL + B) 37.8 mL

A) = Sand Pack Purge Volume (mL) = (Sand Pack Volume (100 in³) x 16.387 (mL/in³) x 0.4 (sand porosity) = 655.48

B) = Total Tubing Volume (mL) = Volume Factor (5.4 mL/ft) x Tubing Length (7 ft) = 37.8

Volume Factors

1/4" OD Nylaflo = 0.19" ID = 5.57 mL/ft
1/8" OD Nylaflo = 0.078" ID = 0.93 mL/ft
1/4" OD Teflon = 0.1875" ID = 5.4 mL/ft
Tygon R-3063 (0.312 OD) = 0.187 ID = 5.4 mL/ft

Soil Vapor Sampling

Project No.: 17-03856

Date: ~~3/23/TS~~ 3/23/22

Rincon Personnel: M. Kim + T. Sinnott **Probe ID:** SV-2 / ~~SV-2 DUP~~ MK

Project Name: Hawthorn Senior Apts. **Begin/End Time:** 1000 / 1035

Probe Information

Manifold ID:	311	Probe Depth (ft bg):	5 ft
Cannister ID:	660	Slab Material:	asphalt
Cannister Volume (L):	1 L	Weather:	over cast

Shut-in Test

Start Time:	0927
Initial Manifold Reading (in Hg):	19
End Time:	0934
Final Manifold Reading (in Hg):	19

Leak Test and Purging

Purge Volume (mL):	693.28
3x Purge Volume (mL):	2,079.84
Purge Time:	13.9
Shroud He (%):	15
Purge He (%):	0

Sampling

Start Time:	1021	End Time:	1035
Initial Manifold Reading (in Hg):	28	Final Manifold Reading (in Hg):	5
		Estimated Flow Rate (mL/min):	~~71.43~~ MK 143

Time	Elapsed Time	Cannister Vacuum (in Hg)	Downhole Vacuum (in Hg)	Comments and Notes
1021	0	28	0	
1025	4	22	0	
1028	7	16	0	
1031	10	10	0	
1035	14	5	0	

Equations and References

Purge Volume= 693.28 mL = A) 655.48 mL + B) 37.8 mL

A) = Sand Pack Purge Volume (mL) = (Sand Pack Volume (100 in³) x 16.3871(mL/in³) x 0.4 (sand porosity) = 655.48

B) = Total Tubing Volume (mL) = Volume Factor (5.4 mL/ft) x Tubing Length (7 ft)

Volume Factors

1/4" OD Nylaflo = 0.19" ID = 5.57 mL/ft

1/8" OD Nylaflo = 0.078" ID = 0.93 mL/ft

1/4" OD Teflon = 0.1875" ID = 5.4 mL/ft

Tygon R-3063 (0.312 OD) = 0.187 ID = 5.4 mL/ft

Soil Vapor Sampling

Project No.: 17-03856
Date: 3/23/22

Rincon Personnel: M. Kim & T. Sinnott
Project Name: Hawthorn Senior Apts
Probe ID: SV-2 (DUP)
Begin/End Time: 1000 / 1035

Probe Information

Manifold ID:	311	Probe Depth (ft bg):	5ft
Canister ID:	651	Slab Material:	asphalt
Canister Volume (L):	1	Weather:	overcast

Shut-in Test

Start Time:	0927
Initial Manifold Reading (in Hg):	19
End Time:	0934
Final Manifold Reading (in Hg):	19

Leak Test and Purging

Purge Volume (mL):	693.28
3x Purge Volume (mL):	2,079.84
Purge Time:	13.9
Shroud He (%):	15
Purge He (%):	Ø

Sampling

Start Time:	1021	End Time:	1035
Initial Manifold Reading (in Hg):	28	Final Manifold Reading (in Hg):	5
		Estimated Flow Rate (mL/min):	143

Time	Elapsed Time	Cannister Vacuum (in Hg)	Downhole Vacuum (in Hg)	Comments and Notes
1014	Ø	28	Ø	
1025	~~Ø~~ 4 min	22	Ø	
1028	7	16	Ø	
1031	10	10	Ø	
1035	14	5	Ø	

Equations and References

Purge Volume = 693.28 mL = A) 655.48 mL + B) 37.8 mL

A) = Sand Pack Purge Volume (mL) = (Sand Pack Volume (100 in³) x 16.3871(mL/in³) x 0.4 (sand porosity)

B) = Total Tubing Volume (mL) = Volume Factor (5.4 mL/ft) x Tubing Length (7 ft)

Volume Factors

1/4" OD Nylaflo = 0.19" ID = 5.57 mL/ft
1/8" OD Nylaflo = 0.078" ID = 0.93 mL/ft
1/4" OD Teflon = 0.1875" ID = 5.4 mL/ft
Tygon R-3063 (0.312 OD) = 0.187 ID = 5.4 mL/ft

Soil Vapor Sampling

Project No.: 17-03856
Date: 3/23/22

Rincon Personnel: M. Kim + T. Sinnott
Project Name: Hawthorn Senior Apts.
Probe ID: SV-3
Begin/End Time: 1045

Probe Information

Manifold ID:	075	Probe Depth (ft bg):	5 ft
Cannister ID:	671	Slab Material:	Soil
Cannister Volume (L):	1L	Weather:	overcast

Shut-in Test

Start Time:	1008
Initial Manifold Reading (in Hg):	20
End Time:	1013
Final Manifold Reading (in Hg):	20

Leak Test and Purging

Purge Volume (mL):	693.28
3x Purge Volume (mL):	2,079.84
Purge Time:	13.9
Shroud He (%):	15
Purge He (%):	0

Sampling

Start Time:	1107	End Time:	1114
Initial Manifold Reading (in Hg):	28	Final Manifold Reading (in Hg):	5
		Estimated Flow Rate (mL/min):	142.8

Time	Elapsed Time	Cannister Vacuum (in Hg)	Downhole Vacuum (in Hg)	Comments and Notes
1107	0	28	2	
1110	3	18	2	
1112	5	10	2	
1114	7	5	2	

Equations and References

Purge Volume= 693.28 mL = A) 655.48 mL + B) 37.8 mL

A) = Sand Pack Purge Volume (mL) = (Sand Pack Volume (100 in³) x 16.3871(mL/in³) x 0.4 (sand porosity)

B) = Total Tubing Volume (mL) = Volume Factor (5.84 mL/ft) x Tubing Length (7 ft)

Volume Factors

1/4" OD Nylaflo = 0.19" ID = 5.57 mL/ft
1/8" OD Nylaflo = 0.078" ID = 0.93 mL/ft
1/4" OD Teflon = 0.1875" ID = 5.4 mL/ft
Tygon R-3063 (0.312 OD) = 0.187 ID = 5.4 mL/ft

Appendix C

Soil and Soil Vapor Laboratory Analytical Reports

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

enthalpy.com

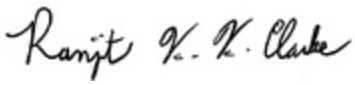
Lab Job Number: 459968
Report Level: II
Report Date: 04/14/2022

Analytical Report *prepared for:*

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 17-03856 - Hawthorn Senior Apartments - Supplemental Report 2

Authorized for release by:



Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

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

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #: 459968
Project No: 17-03856
Location: Hawthorn Senior Apartments - Supplemental Report 2
Date Received: 03/18/22

Sample ID	Lab ID	Collected	Matrix
SB-1 @ 1 FT	459968-001	03/18/22 08:40	Soil
SB-1 @ 5 FT	459968-002	03/18/22 08:45	Soil
SB-2 @ 1 FT	459968-003	03/18/22 09:24	Soil
SB-2 @ 5 FT	459968-004	03/18/22 09:30	Soil
SB-3 @ 1 FT	459968-005	03/18/22 09:04	Soil
SB-3 @ 5 FT	459968-006	03/18/22 09:10	Soil
SB-4 @ 1 FT	459968-007	03/18/22 10:15	Soil
SB-4 @ 5 FT	459968-008	03/18/22 10:17	Soil
SB-4 @ 10 FT	459968-009	03/18/22 10:23	Soil
SB-5 @ 1 FT	459968-010	03/18/22 09:47	Soil
SB-5 @ 5 FT	459968-011	03/18/22 09:49	Soil
SB-5 @ 10 FT	459968-012	03/18/22 09:59	Soil
SB-6 @ 1 FT	459968-013	03/18/22 10:45	Soil
SB-6 @ 5 FT	459968-014	03/18/22 10:47	Soil
SB-6 @ 10 FT	459968-015	03/18/22 10:54	Soil
GW-01	459968-016	03/18/22 13:05	Water
GW-02	459968-017	03/18/22 12:55	Water
GW-03	459968-018	03/18/22 13:10	Water
COMPOSITE (SB-1 THRU SB-6)	459968-019	03/18/22 00:00	Soil

ENTHALPY ANALYTICAL

Case Narrative

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Daniel Correia	Lab Job Number: 459968 Project No: 17-03856 Location: Hawthorn Senior Apartments - Supplemental Report 2 Date Received: 03/18/22

This data package contains sample and QC results for fifteen soil samples, three water samples, and one soil composite, requested for the above referenced project on 03/18/22. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B) Water:

- Low recoveries were observed for diesel C10-C28 in the BS/BSD for batch 286135; the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- TPH (C24-C36) was detected between the MDL and the RL in the method blank for batch 286135; this analyte was either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M) Soil:

- DRO C10-C28 and ORO C28-C44 were detected between the MDL and the RL in the method blank for batch 286198.
- DRO C10-C28 was detected between the MDL and the RL in the method blank for batch 286627; this analyte was not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:

- Methylene chloride was detected between the MDL and the RL in the method blank for batch 286078; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

- Methylene chloride was detected between the MDL and the RL in the method blank for batch 286552; this analyte was detected in the sample at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- A number of samples were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:

- Low recovery was observed for selenium in the LCS for batch 286636.
- Low recoveries were observed for a number of analytes in the MS/MSD of COMPOSITE (SB-1 THRU SB-6) (lab # 459968-019); the associated RPDs were within limits.
- Low recoveries were observed for antimony in the MS/MSD of SB-1 @ 1 FT (lab # 459968-001); the LCS was within limits, and the associated RPD was within limits. High recoveries were observed for barium, lead, and zinc in the MSD of SB-1 @ 1 FT (lab # 459968-001); the LCS was within limits. High RPD was observed for lead and zinc in the MS/MSD of SB-1 @ 1 FT (lab # 459968-001).
- No other analytical problems were encountered.

Metals (EPA 6010B) TCLP Leachate:

- Chromium and lead were detected between the MDL and the RL in the method blank for batch 287265; these analytes were not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Metals (EPA 6010B) WET Leachate:

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 459968

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.3 / 11.7 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Name:	Hawthorn Senior Apartments
Report To:	Daniel Correia	Number:	RIN081721
Email:	dcorreia@rinconconsultants.com	P.O. #:	17-03856
Address:	4825 J Street	Address:	118 & 124 15th St.
	Sacramento, CA		San Jose, CA
Phone:	415-640-6499	Global ID:	
Fax:	NA	Sampled By:	D. Correia, M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH (EPA 8015M) w/ silica gel cleanup (SW-846	VOCs (EPA 8260B)	Metals (EPA 6010B)	SVOCs (EPA 8270)							Hold	Test Instructions / Comments
1	SB-1@1ft	3/18/22	0840	Soil	4		X	X	X	X								If TPH-d and TPH-o detections exceed screening levels, the samples will be analyzed with silica gel cleanup using SW-846 Test Method 3630C
2	SB-1@5ft		0845	Soil	4		X	X	X	X								
3	SB-2@1ft		0924	Soil	4		X	X	X	X								
4	SB-2@5ft		0930	Soil	4		X	X	X	X								
5	SB-3@1ft		0904	Soil	4		X	X	X	X								
6	SB-3@5ft		0910	Soil	4		X	X	X	X								
7	SB-4@1ft		1015	Soil	4		X	X	X	X								
8	SB-4@5ft		1017	Soil	4		X	X	X	X								
9	SB-4@10ft		1023	Soil	4		X	X	X	X								
10	SB-5@1ft		0947	Soil	4		X	X	X	X								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Kim	Rincon	3/18/22 1642
1 Received By:		[illegible]	EA	3/18/22 16:42
2 Relinquished By:		[illegible]	[illegible]	3/18/22 17:51
2 Received By:		Geena Sylvestri	E.A.	3/19/22 08:00
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 459968

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Name:	Hawthorn Senior Apartments
Report To:	Daniel Correia	Number:	RIN081721
Email:	dcorreia@rinconconsultants.com	P.O. #:	17-03856
Address:	4825 J Street	Address:	118 & 124 15th St.
	Sacramento, CA		San Jose, CA
Phone:	415-640-6499	Global ID:	
Fax:	NA	Sampled By:	D. Correia, M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH (EPA 8015M) w/ silica gel cleanup (SW-846	VOCs (EPA 8260B)	Metals (EPA 6010B)	SVOCs (EPA 8270)	Hold	Test Instructions / Comments
1	SB-5@5ft	3/18/22	0949	Soil	4		X	X	X	X		If TPH-d and TPH-o detections exceed screening levels, the samples will be analyzed with silica gel cleanup using SW-846 Test Method 3630C
2	SB-5@10ft		0959	Soil	4		X	X	X	X		
3	SB-6@1ft		1046	Soil	4		X	X	X	X		
4	SB-6@5ft		1047	Soil	4		X	X	X	X		
5	SB-6@10ft		1054	Soil	1		X	X	X	X		
6	GW-01		1305	W	6		X	X	X	X		
7	GW-02		1255	W	6		X	N	X	X		
8	GW-03		1310	W	6		X	X	X	X		
9												
10												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Kim	Rincon	3/18/22 1642
1 Received By:		JOSHUA BAUCHMAN	EA	3/18/22 16:42
2 Relinquished By:		Maxime Le Gac	EA	3/18/22 17:57
2 Received By:	Geena Sylvestri	Geena Sylvestri	E.A.	3/19/22 08:00
3 Relinquished By:				
3 Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 459568 Client: Rincon

Date Received: 3/18/22 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☑ Yes, how many? 1 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☑ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 3/18/22 By (print) MY (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☑ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☑ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?	✓		
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 3/18/22 **By (print)** MY for SHB **(sign)** _____

Date Labeled 3/18/22 **By (print)** MY **(sign)** _____

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants, Inc. Project: Hawthorn Senior Apartments

Date Received: 03/19/22 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.3 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☑ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?	✔		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✔	
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 03/19/22

STD PPD

18MAR22 06:45P

** LABEL **

Pcs: 4 of 9

Schd: GLI 6849

LOS ANGELES, CA

From: Enthalpy Analytical - Orange
925-487-8029

RECV: ENTHALPY ANALYTICAL
931 W. BARKLEY AVE

ORANGE, CA 92868
Phone: 925-487-8029
Standard

#9

GLI 3090047103

Manual Wght:
484.0
Tariff Wght:
484.0

PO/Ref #:

WWW.SHIPGREYHOUND.COM

PACKAGE EXPRESS

A8642314B

LBLBC-GPX (REV 11/19)

MONTROSE ENVIRONMENTAL

Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Hawthorne Senior Apts Project

1 message

Michaela Kim <mkim@rinconconsultants.com> Mon, Mar 21, 2022 at 8:50 AM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Cc: Daniel Correia <dcorreia@rinconconsultants.com>

Hello Ranjit,

I dropped off some soil and groundwater samples on Friday from our Hawthorne Senior Apts Project, and I realized this morning as I was going through the COC that I accidentally checked too many analyses for the three groundwater samples that I submitted.

The only analyses we need run on the Groundwater samples are:

TPH-g, d, o by EPA Method 8015M

VOCs by EPA Method 8260B

Additionally, we had one soil sample that did not have a corresponding 5035 VOAs due to a mess up in the field. The soil sample is SB-6@10 ft and I only submitted a capped sleeve sample. Could you also run TPH-g and VOCs from the soil core?

Thanks a lot,

Michaela Kim, GIT, Environmental Scientist

Rincon Consultants, Inc.

Environmental Scientists | Planners | Engineers

510-834-4455 Main

612-859-6482 Mobile

mkim@rinconconsultants.com

rincon RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

MONTROSE ENVIRONMENTAL

Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] FW: [EXT] Hawthorn Senior Apartments Project

1 message

Sarah Larese <SLarese@rinconconsultants.com> Mon, Mar 21, 2022 at 9:47 AM
To: "sophia.baughman@enthalpy.com" <sophia.baughman@enthalpy.com>
Cc: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>, Daniel Correia <dcorreia@rinconconsultants.com>, Michaela Kim <mkim@rinconconsultants.com>

Hi Sophia- please analyze all TPH samples with the silica gel cleanup. Thank you!

Sarah Larese, Senior Environmental Scientist

Rincon Consultants, Inc.

805-644-4455

805-586-3209 Direct

slarese@rinconconsultants.com

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Environmental Scientists | Planners | Engineers
rinconconsultants.com

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From: Daniel Correia <dcorreia@rinconconsultants.com>
Sent: Friday, March 18, 2022 8:00 PM
To: Sarah Larese <SLarese@rinconconsultants.com>
Cc: Michaela Kim <mkim@rinconconsultants.com>
Subject: Fwd: [EXT] Hawthorn Senior Apartments Project

Evening Sarah,

I'm not exactly sure how to respond to the below email from Enthalpy, could you assist?

Thanks!

Daniel

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From: Sophia Baughman <sophia.baughman@enthalpy.com>
Sent: Friday, March 18, 2022 5:00:48 PM
To: Daniel Correia <dcorreia@rinconconsultants.com>
Cc: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Subject: [EXT] Hawthorn Senior Apartments Project

Good afternoon Daniel,

I was looking over the chain of custody for the samples taken today, March 18th, from Hawthorn Senior Apartments. I noticed on the 'analysis request line' it says to analyze TPH with silica gel cleanup. But then in the comments section, it says "If TPH-d and TPH-o detections exceed screening levels, then the samples will be analyzed with silica gel cleanup". I have attached a copy of the chain of custody to this email.

Please confirm which direction is correct.

Thank you and have a great weekend

Sophia Baughman (she / her / hers)

Project Manager Assistant

Enthalpy Analytical, LLC

2323 Fifth St., Berkeley, CA 94710

(510) 204-2227

MONTROSE ENVIRONMENTAL

Ranjit Clarke <ranjit.clarke@enthalpy.com>

Re: [EXTERNAL] RE: [EXT] 17-03856 - Enthalpy Data (459968) (Invoice CINV-094079)

1 message

Daniel Correia <dcorreia@rinconconsultants.com> Wed, Mar 30, 2022 at 12:50 PM
To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Cc: Sarah Larese <SLarese@rinconconsultants.com>

Hey Ranjit,

Thanks for taking my call earlier.

I would like to request a composite sample for all soil samples included in this analytical report, and please analyze for metals, TPH, and VOCs (the same analytical methods as the original report). If the metals detections for chromium and lead exceed 50 mg/kg please run STLC and TCLP.

Thanks!

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From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, March 30, 2022 10:09:24 AM
To: Daniel Correia <dcorreia@rinconconsultants.com>
Subject: Re: [EXTERNAL] RE: [EXT] 17-03856 - Enthalpy Data (459968) (Invoice CINV-094079)

CAUTION: This email originated from outside of Rincon Consultants. Be cautious before clicking on any links, or opening any attachments, until you are confident that the content is safe .

Daniel,

The cost for TCLP extraction and per metal analysis is the same as STLC.

Ranjit Clarke
Client Services Manager

931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Wed, Mar 30, 2022 at 10:03 AM Daniel Correia <dcorreia@rinconconsultants.com> wrote:

> Morning Ranjit,
>
> After reviewing the data, it looks like we'll need additional analyses for lead and chromium. Is there a cost difference between STLC and TCLP?
>
> Thanks,

ENTHALPY ANALYTICAL

Analysis Results for 459968

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #: 459968
Project No: 17-03856
Location: Hawthorn Senior Apartments - Supplemental
Report 2
Date Received: 03/18/22

Sample ID: SB-1 @ 1 FT **Lab ID: 459968-001** **Collected: 03/18/22 08:40**
Matrix: Soil

459968-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.6	1	286111	03/23/22	03/24/22	KLN
Arsenic	**13**		mg/Kg	1.0	0.68	1	286111	03/23/22	03/24/22	KLN
Barium	**190**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.24**	J	mg/Kg	0.51	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.51	0.076	1	286111	03/23/22	03/24/22	KLN
Chromium	**55**		mg/Kg	1.0	0.21	1	286111	03/23/22	03/24/22	KLN
Cobalt	**12**		mg/Kg	0.51	0.069	1	286111	03/23/22	03/24/22	KLN
Copper	**31**		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Lead	**100**		mg/Kg	1.0	0.85	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.60	1	286111	03/23/22	03/24/22	KLN
Nickel	**82**		mg/Kg	1.0	0.26	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.0	0.40	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.51	0.16	1	286111	03/23/22	03/24/22	KLN
Thallium	ND		mg/Kg	3.0	0.59	1	286111	03/23/22	03/24/22	KLN
Vanadium	**35**		mg/Kg	1.0	0.43	1	286111	03/23/22	03/24/22	KLN
Zinc	**120**		mg/Kg	5.1	0.76	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.32**		mg/Kg	0.15	0.041	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**5.3**	B,J	mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**9.5**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	44%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.6	1.5	1.1	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	5.6	2.0	1.1	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	5.6	1.8	1.1	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	5.6	1.7	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromomethane	ND		ug/Kg	5.6	1.5	1.1	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	110	28	1.1	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
Methylene Chloride	ND		ug/Kg	5.6	0.7	1.1	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	110	3.3	1.1	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	5.6	1.5	1.1	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	5.6	1.4	1.1	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	5.6	0.7	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	5.6	1.4	1.1	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.6	3.4	1.1	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	5.6	0.8	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	11	2.1	1.1	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	5.6	1.6	1.1	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	5.6	0.5	1.1	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Chlorotoluene	ND		ug/Kg	5.6	1.4	1.1	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.6	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.6	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.6	1.0	1.1	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.6	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.6	0.8	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.6	1.4	1.1	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	5.6	1.4	1.1	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.6	1.3	1.1	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	5.6		1.1	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	107%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Toluene-d8	97%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	97%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	5,000	1,500	20	286011	03/21/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	5,000	710	20	286011	03/21/22	03/22/22	HQN
Pyridine	ND		ug/Kg	5,000	4,400	20	286011	03/21/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	5,000	820	20	286011	03/21/22	03/22/22	HQN
Phenol	ND		ug/Kg	5,000	730	20	286011	03/21/22	03/22/22	HQN
Aniline	ND		ug/Kg	5,000	1,100	20	286011	03/21/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	330	20	286011	03/21/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	5,000	630	20	286011	03/21/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	5,000	590	20	286011	03/21/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	5,000	520	20	286011	03/21/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	5,000	780	20	286011	03/21/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	5,000	410	20	286011	03/21/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	5,000	410	20	286011	03/21/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	530	20	286011	03/21/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	8,000	840	20	286011	03/21/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	640	20	286011	03/21/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	5,000	520	20	286011	03/21/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	24,000	670	20	286011	03/21/22	03/22/22	HQN
Isophorone	ND		ug/Kg	5,000	530	20	286011	03/21/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	5,000	390	20	286011	03/21/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	5,000	1,500	20	286011	03/21/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	24,000	1,500	20	286011	03/21/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	720	20	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4-Dichlorophenol	ND		ug/Kg	5,000	460	20	286011	03/21/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	610	20	286011	03/21/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	5,000	530	20	286011	03/21/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	5,000	880	20	286011	03/21/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	5,000	510	20	286011	03/21/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	460	20	286011	03/21/22	03/22/22	HQN
2-Methylnaphthalene	ND		ug/Kg	5,000	530	20	286011	03/21/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	950	20	286011	03/21/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	670	20	286011	03/21/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	690	20	286011	03/21/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	5,000	640	20	286011	03/21/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	5,000	710	20	286011	03/21/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	5,000	770	20	286011	03/21/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	5,000	680	20	286011	03/21/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	5,000	860	20	286011	03/21/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	5,000	980	20	286011	03/21/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	5,000	640	20	286011	03/21/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	24,000	970	20	286011	03/21/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	5,000	510	20	286011	03/21/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	5,000	690	20	286011	03/21/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	5,000	580	20	286011	03/21/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	5,000	900	20	286011	03/21/22	03/22/22	HQN
Fluorene	ND		ug/Kg	5,000	700	20	286011	03/21/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	740	20	286011	03/21/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	5,000	740	20	286011	03/21/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	640	20	286011	03/21/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	860	20	286011	03/21/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	840	20	286011	03/21/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	760	20	286011	03/21/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	5,000	900	20	286011	03/21/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	24,000	860	20	286011	03/21/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	5,000	1,400	20	286011	03/21/22	03/22/22	HQN
Anthracene	ND		ug/Kg	5,000	1,200	20	286011	03/21/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	5,000	1,600	20	286011	03/21/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	5,000	1,600	20	286011	03/21/22	03/22/22	HQN
Benzidine	ND		ug/Kg	24,000	1,400	20	286011	03/21/22	03/22/22	HQN
Pyrene	ND		ug/Kg	5,000	1,600	20	286011	03/21/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	5,000	1,200	20	286011	03/21/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	3,400	20	286011	03/21/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	5,000	1,700	20	286011	03/21/22	03/22/22	HQN
Chrysene	ND		ug/Kg	5,000	1,700	20	286011	03/21/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	1,400	20	286011	03/21/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	5,000	1,100	20	286011	03/21/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	5,000	1,400	20	286011	03/21/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	5,000	1,600	20	286011	03/21/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	5,000	1,200	20	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	1,300	20	286011	03/21/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	1,000	20	286011	03/21/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	1,400	20	286011	03/21/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	55%		%REC	29-120		20	286011	03/21/22	03/22/22	HQN
Phenol-d6	57%		%REC	30-120		20	286011	03/21/22	03/22/22	HQN
2,4,6-Tribromophenol	49%		%REC	32-120		20	286011	03/21/22	03/22/22	HQN
Nitrobenzene-d5	46%		%REC	33-120		20	286011	03/21/22	03/22/22	HQN
2-Fluorobiphenyl	69%		%REC	39-120		20	286011	03/21/22	03/22/22	HQN
Terphenyl-d14	77%		%REC	44-125		20	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-1 @ 5 FT	Lab ID: 459968-002	Collected: 03/18/22 08:45
	Matrix: Soil	

459968-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.6	0.99	286111	03/23/22	03/24/22	KLN
Arsenic	**9.2**		mg/Kg	0.99	0.66	0.99	286111	03/23/22	03/24/22	KLN
Barium	**200**		mg/Kg	0.99	0.099	0.99	286111	03/23/22	03/24/22	KLN
Beryllium	**0.32**	J	mg/Kg	0.50	0.11	0.99	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.50	0.074	0.99	286111	03/23/22	03/24/22	KLN
Chromium	**59**		mg/Kg	0.99	0.21	0.99	286111	03/23/22	03/24/22	KLN
Cobalt	**15**		mg/Kg	0.50	0.067	0.99	286111	03/23/22	03/24/22	KLN
Copper	**31**		mg/Kg	0.99	0.59	0.99	286111	03/23/22	03/24/22	KLN
Lead	**11**		mg/Kg	0.99	0.83	0.99	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	0.99	0.58	0.99	286111	03/23/22	03/24/22	KLN
Nickel	**93**		mg/Kg	0.99	0.26	0.99	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.0	0.40	0.99	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.50	0.16	0.99	286111	03/23/22	03/24/22	KLN
Thallium	**0.85**	J	mg/Kg	3.0	0.57	0.99	286111	03/23/22	03/24/22	KLN
Vanadium	**39**		mg/Kg	0.99	0.43	0.99	286111	03/23/22	03/24/22	KLN
Zinc	**67**		mg/Kg	5.0	0.74	0.99	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.060**	J	mg/Kg	0.14	0.040	1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**1.6**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	41%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	1.3	0.96	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	4.8	1.7	0.96	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	4.8	1.5	0.96	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	4.8	1.5	0.96	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	4.8	1.3	0.96	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	96	24	0.96	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.8	0.6	0.96	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	96	2.9	0.96	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	4.8	1.3	0.96	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.8	0.6	0.96	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	4.8	0.7	0.96	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.8	3.0	0.96	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	4.8	0.7	0.96	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	9.6	1.8	0.96	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	4.8	1.4	0.96	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	4.8	0.4	0.96	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.8	0.8	0.96	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.8	0.7	0.96	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.8	1.2	0.96	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	4.8		0.96	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-145		0.96	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	110%		%REC	70-145		0.96	286013	03/22/22	03/22/22	RAO
Toluene-d8	95%		%REC	70-145		0.96	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	97%		%REC	70-145		0.96	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286011	03/21/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286011	03/21/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286011	03/21/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286011	03/21/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286011	03/21/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286011	03/21/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286011	03/21/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286011	03/21/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286011	03/21/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286011	03/21/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286011	03/21/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286011	03/21/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286011	03/21/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286011	03/21/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286011	03/21/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286011	03/21/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286011	03/21/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286011	03/21/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286011	03/21/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286011	03/21/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286011	03/21/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286011	03/21/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286011	03/21/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286011	03/21/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 459968

459968-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286011	03/21/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286011	03/21/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286011	03/21/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286011	03/21/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286011	03/21/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286011	03/21/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286011	03/21/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286011	03/21/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286011	03/21/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286011	03/21/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286011	03/21/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286011	03/21/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286011	03/21/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286011	03/21/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286011	03/21/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286011	03/21/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286011	03/21/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286011	03/21/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286011	03/21/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286011	03/21/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286011	03/21/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286011	03/21/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286011	03/21/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286011	03/21/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286011	03/21/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286011	03/21/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286011	03/21/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286011	03/21/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286011	03/21/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286011	03/21/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286011	03/21/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286011	03/21/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286011	03/21/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286011	03/21/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286011	03/21/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286011	03/21/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286011	03/21/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286011	03/21/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286011	03/21/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286011	03/21/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286011	03/21/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286011	03/21/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	75%		%REC	29-120		1	286011	03/21/22	03/22/22	HQN
Phenol-d6	79%		%REC	30-120		1	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	78%		%REC	32-120		1	286011	03/21/22	03/22/22	HQN
Nitrobenzene-d5	71%		%REC	33-120		1	286011	03/21/22	03/22/22	HQN
2-Fluorobiphenyl	78%		%REC	39-120		1	286011	03/21/22	03/22/22	HQN
Terphenyl-d14	92%		%REC	44-125		1	286011	03/21/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-2 @ 1 FT	Lab ID: 459968-003	Collected: 03/18/22 09:24
	Matrix: Soil	

459968-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.3	1.8	1.1	286111	03/23/22	03/24/22	KLN
Arsenic	**6.9**		mg/Kg	1.1	0.74	1.1	286111	03/23/22	03/24/22	KLN
Barium	**150**		mg/Kg	1.1	0.11	1.1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.17**	J	mg/Kg	0.55	0.12	1.1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.55	0.082	1.1	286111	03/23/22	03/24/22	KLN
Chromium	**53**		mg/Kg	1.1	0.23	1.1	286111	03/23/22	03/24/22	KLN
Cobalt	**12**		mg/Kg	0.55	0.075	1.1	286111	03/23/22	03/24/22	KLN
Copper	**25**		mg/Kg	1.1	0.66	1.1	286111	03/23/22	03/24/22	KLN
Lead	**7.7**		mg/Kg	1.1	0.92	1.1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.1	0.65	1.1	286111	03/23/22	03/24/22	KLN
Nickel	**85**		mg/Kg	1.1	0.29	1.1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.3	0.44	1.1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.55	0.18	1.1	286111	03/23/22	03/24/22	KLN
Thallium	**1.0**	J	mg/Kg	3.3	0.64	1.1	286111	03/23/22	03/24/22	KLN
Vanadium	**31**		mg/Kg	1.1	0.47	1.1	286111	03/23/22	03/24/22	KLN
Zinc	**53**		mg/Kg	5.5	0.82	1.1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.062**	J	mg/Kg	0.14	0.040	1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**1.7**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	45%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.1	1.6	1.2	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	6.1	2.2	1.2	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	6.1	2.0	1.2	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	6.1	1.9	1.2	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	6.1	1.7	1.2	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	120	30	1.2	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	6.1	0.8	1.2	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
2-Butanone	**3.9**	J	ug/Kg	120	3.7	1.2	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	6.1	1.6	1.2	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	6.1	0.8	1.2	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	6.1	0.9	1.2	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	6.1	3.8	1.2	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	6.1	0.9	1.2	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	12	2.3	1.2	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	6.1	1.8	1.2	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	6.1	0.6	1.2	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	6.1	1.2	1.2	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	6.1	1.0	1.2	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	6.1	1.1	1.2	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	6.1	1.3	1.2	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.1	0.9	1.2	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	6.1	1.4	1.2	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	6.1	1.5	1.2	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	6.1		1.2	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-145		1.2	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	110%		%REC	70-145		1.2	286013	03/22/22	03/22/22	RAO
Toluene-d8	97%		%REC	70-145		1.2	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	97%		%REC	70-145		1.2	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	66%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	68%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	67%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	63%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	70%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	77%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-2 @ 5 FT	Lab ID: 459968-004	Collected: 03/18/22 09:30
	Matrix: Soil	

459968-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.6	1	286111	03/23/22	03/24/22	KLN
Arsenic	**6.1**		mg/Kg	1.0	0.68	1	286111	03/23/22	03/24/22	KLN
Barium	**170**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.14**	J	mg/Kg	0.51	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.51	0.077	1	286111	03/23/22	03/24/22	KLN
Chromium	**57**		mg/Kg	1.0	0.21	1	286111	03/23/22	03/24/22	KLN
Cobalt	**9.1**		mg/Kg	0.51	0.069	1	286111	03/23/22	03/24/22	KLN
Copper	**20**		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Lead	**5.6**		mg/Kg	1.0	0.86	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.60	1	286111	03/23/22	03/24/22	KLN
Nickel	**82**		mg/Kg	1.0	0.27	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.1	0.41	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.51	0.16	1	286111	03/23/22	03/24/22	KLN
Thallium	ND		mg/Kg	3.1	0.59	1	286111	03/23/22	03/24/22	KLN
Vanadium	**33**		mg/Kg	1.0	0.44	1	286111	03/23/22	03/24/22	KLN
Zinc	**47**		mg/Kg	5.1	0.77	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.33**		mg/Kg	0.17	0.047	1.2	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**1.7**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	51%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.7	1.5	1.1	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	5.7	2.1	1.1	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	5.7	1.8	1.1	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	5.7	1.8	1.1	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	5.7	1.6	1.1	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
Acetone	**29**	J	ug/Kg	110	28	1.1	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	5.7	0.8	1.1	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	110	3.4	1.1	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	5.7	1.5	1.1	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	5.7	0.7	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.7	3.5	1.1	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	5.7	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	11	2.1	1.1	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	5.7	1.6	1.1	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	5.7	0.5	1.1	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.7	1.1	1.1	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.7	1.0	1.1	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.7	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.7	0.8	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	5.7	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.7	1.4	1.1	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	5.7		1.1	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	110%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Toluene-d8	99%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	98%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	73%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	73%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	65%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	65%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	69%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	75%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-3 @ 1 FT	Lab ID: 459968-005	Collected: 03/18/22 09:04
	Matrix: Soil	

459968-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.3	1.8	1.1	286111	03/23/22	03/24/22	KLN
Arsenic	**23**		mg/Kg	1.1	0.74	1.1	286111	03/23/22	03/24/22	KLN
Barium	**300**		mg/Kg	1.1	0.11	1.1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.22**	J	mg/Kg	0.55	0.12	1.1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.55	0.082	1.1	286111	03/23/22	03/24/22	KLN
Chromium	**110**		mg/Kg	1.1	0.23	1.1	286111	03/23/22	03/24/22	KLN
Cobalt	**18**		mg/Kg	0.55	0.075	1.1	286111	03/23/22	03/24/22	KLN
Copper	**37**		mg/Kg	1.1	0.66	1.1	286111	03/23/22	03/24/22	KLN
Lead	**98**		mg/Kg	1.1	0.92	1.1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.1	0.65	1.1	286111	03/23/22	03/24/22	KLN
Nickel	**190**		mg/Kg	1.1	0.29	1.1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.3	0.44	1.1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.55	0.18	1.1	286111	03/23/22	03/24/22	KLN
Thallium	**1.2**	J	mg/Kg	3.3	0.64	1.1	286111	03/23/22	03/24/22	KLN
Vanadium	**37**		mg/Kg	1.1	0.47	1.1	286111	03/23/22	03/24/22	KLN
Zinc	**190**		mg/Kg	5.5	0.82	1.1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.36**		mg/Kg	0.17	0.047	1.2	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**24**		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**70**		mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	52%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	5.4	2.0	1.1	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	5.4	1.7	1.1	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	5.4	1.7	1.1	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	5.4	1.5	1.1	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	110	27	1.1	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	5.4	0.7	1.1	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	110	3.3	1.1	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	5.4	0.7	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	5.4	0.8	1.1	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	3.4	1.1	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	5.4	0.8	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	11	2.0	1.1	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	5.4	1.6	1.1	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	5.4	0.5	1.1	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.4	1.1	1.1	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	5.4	0.9	1.1	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.4	1.0	1.1	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.4	1.2	1.1	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	0.8	1.1	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	5.4	1.4	1.1	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	1.3	1.1	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	5.4		1.1	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	109%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Toluene-d8	97%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	96%		%REC	70-145		1.1	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	5,000	1,500	20	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	5,000	710	20	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	5,000	4,400	20	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	5,000	820	20	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	5,000	730	20	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	5,000	1,100	20	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	330	20	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	5,000	630	20	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	5,000	590	20	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	5,000	520	20	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	5,000	780	20	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	5,000	410	20	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	5,000	410	20	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	8,000	840	20	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	5,000	520	20	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	24,000	670	20	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	5,000	390	20	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	5,000	1,500	20	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	24,000	1,500	20	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	720	20	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	5,000	460	20	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	610	20	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	5,000	880	20	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	5,000	510	20	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	460	20	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	950	20	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	670	20	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	690	20	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	5,000	710	20	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	5,000	770	20	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	5,000	680	20	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	5,000	860	20	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	5,000	980	20	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	24,000	970	20	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	5,000	510	20	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	5,000	690	20	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	5,000	580	20	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	5,000	900	20	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	5,000	700	20	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	740	20	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	5,000	740	20	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	860	20	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	840	20	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	760	20	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	5,000	900	20	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	24,000	860	20	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	24,000	1,400	20	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	3,400	20	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	5,000	1,700	20	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	5,000	1,700	20	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	5,000	1,100	20	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	1,300	20	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	1,000	20	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	52%		%REC	29-120		20	286012	03/22/22	03/22/22	HQN
Phenol-d6	51%		%REC	30-120		20	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	40%		%REC	32-120		20	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	50%		%REC	33-120		20	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	69%		%REC	39-120		20	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	69%		%REC	44-125		20	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-3 @ 5 FT	Lab ID: 459968-006	Collected: 03/18/22 09:10
	Matrix: Soil	

459968-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.7	1	286111	03/23/22	03/24/22	KLN
Arsenic	**9.1**		mg/Kg	1.0	0.70	1	286111	03/23/22	03/24/22	KLN
Barium	**190**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.34**	J	mg/Kg	0.52	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.52	0.078	1	286111	03/23/22	03/24/22	KLN
Chromium	**69**		mg/Kg	1.0	0.22	1	286111	03/23/22	03/24/22	KLN
Cobalt	**15**		mg/Kg	0.52	0.071	1	286111	03/23/22	03/24/22	KLN
Copper	**33**		mg/Kg	1.0	0.63	1	286111	03/23/22	03/24/22	KLN
Lead	**17**		mg/Kg	1.0	0.88	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Nickel	**99**		mg/Kg	1.0	0.27	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.1	0.42	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.52	0.17	1	286111	03/23/22	03/24/22	KLN
Thallium	**0.91**	J	mg/Kg	3.1	0.60	1	286111	03/23/22	03/24/22	KLN
Vanadium	**40**		mg/Kg	1.0	0.45	1	286111	03/23/22	03/24/22	KLN
Zinc	**69**		mg/Kg	5.2	0.78	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.070**	J	mg/Kg	0.15	0.043	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**2.0**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	58%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.4	1.0	1.3	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.4	1.7	1.3	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	6.4	2.3	1.3	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	6.4	2.1	1.3	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	6.4	2.0	1.3	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	6.4	1.8	1.3	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	130	32	1.3	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	6.4	0.8	1.3	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	130	3.8	1.3	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	6.4	1.7	1.3	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	6.4	1.6	1.3	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	6.4	0.8	1.3	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	6.4	1.6	1.3	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	6.4	1.0	1.3	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	6.4	4.0	1.3	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	6.4	1.0	1.3	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	6.4	1.0	1.3	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	6.4	1.0	1.3	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	13	2.4	1.3	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	6.4	1.8	1.3	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	6.4	0.6	1.3	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	6.4	1.2	1.3	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	6.4	1.6	1.3	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	6.4	1.3	1.3	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	6.4	1.1	1.3	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	6.4	1.4	1.3	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.4	0.9	1.3	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	6.4	1.6	1.3	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	6.4	1.6	1.3	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	6.4	1.5	1.3	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	6.4		1.3	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	91%		%REC	70-145		1.3	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	105%		%REC	70-145		1.3	286013	03/22/22	03/22/22	RAO
Toluene-d8	101%		%REC	70-145		1.3	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	99%		%REC	70-145		1.3	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	57%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	59%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	56%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	54%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	57%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	69%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-4 @ 1 FT	Lab ID: 459968-007	Collected: 03/18/22 10:15
	Matrix: Soil	

459968-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	**1.6**	J	mg/Kg	2.8	1.5	0.93	286111	03/23/22	03/24/22	KLN
Arsenic	**13**		mg/Kg	0.93	0.63	0.93	286111	03/23/22	03/24/22	KLN
Barium	**220**		mg/Kg	0.93	0.093	0.93	286111	03/23/22	03/24/22	KLN
Beryllium	**0.37**	J	mg/Kg	0.47	0.10	0.93	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.47	0.070	0.93	286111	03/23/22	03/24/22	KLN
Chromium	**65**		mg/Kg	0.93	0.20	0.93	286111	03/23/22	03/24/22	KLN
Cobalt	**15**		mg/Kg	0.47	0.064	0.93	286111	03/23/22	03/24/22	KLN
Copper	**45**		mg/Kg	0.93	0.56	0.93	286111	03/23/22	03/24/22	KLN
Lead	**120**		mg/Kg	0.93	0.79	0.93	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	0.93	0.55	0.93	286111	03/23/22	03/24/22	KLN
Nickel	**100**		mg/Kg	0.93	0.24	0.93	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	2.8	0.37	0.93	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.47	0.15	0.93	286111	03/23/22	03/24/22	KLN
Thallium	**0.81**	J	mg/Kg	2.8	0.54	0.93	286111	03/23/22	03/24/22	KLN
Vanadium	**37**		mg/Kg	0.93	0.40	0.93	286111	03/23/22	03/24/22	KLN
Zinc	**160**		mg/Kg	4.7	0.70	0.93	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.30**		mg/Kg	0.15	0.041	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**2.5**	B,J	mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**4.4**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	56%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	4.3	1.6	0.86	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	4.3	1.4	0.86	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	4.3	1.4	0.86	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	4.3	1.2	0.86	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	86	22	0.86	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.3	0.6	0.86	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	86	2.6	0.86	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.3	0.5	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	2.7	0.86	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	8.6	1.6	0.86	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	4.3	1.2	0.86	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	4.3	0.4	0.86	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.6	0.86	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	4.3		0.86	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	110%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Toluene-d8	97%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	99%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	1,000	290	4	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	1,000	880	4	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	1,000	160	4	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	1,000	150	4	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	1,000	220	4	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	4,800	66	4	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	1,000	120	4	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	1,000	100	4	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	1,000	160	4	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	1,000	83	4	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	1,000	82	4	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	1,000	110	4	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	1,600	170	4	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	1,000	100	4	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	4,800	130	4	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	1,000	110	4	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	1,000	78	4	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	1,000	310	4	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	4,800	300	4	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	1,000	91	4	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	1,000	120	4	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	1,000	110	4	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	1,000	180	4	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	1,000	100	4	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	1,000	92	4	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	1,000	110	4	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	4,800	190	4	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	1,000	150	4	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	1,000	170	4	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	1,000	200	4	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	4,800	190	4	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	1,000	100	4	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	1,000	120	4	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	1,000	180	4	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	1,000	140	4	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	1,000	150	4	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	1,000	150	4	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	1,000	130	4	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	1,000	170	4	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	1,000	170	4	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	1,000	150	4	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	1,000	180	4	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	4,800	170	4	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	1,000	280	4	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	1,000	240	4	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	1,000	310	4	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	1,000	320	4	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	4,800	290	4	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	1,000	320	4	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	1,000	240	4	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	4,800	680	4	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	1,000	340	4	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	1,000	330	4	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	1,000	270	4	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	1,000	230	4	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	1,000	280	4	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	1,000	310	4	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	1,000	250	4	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	1,000	270	4	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	1,000	210	4	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	1,000	280	4	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	62%		%REC	29-120		4	286012	03/22/22	03/22/22	HQN
Phenol-d6	65%		%REC	30-120		4	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	70%		%REC	32-120		4	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	58%		%REC	33-120		4	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	73%		%REC	39-120		4	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	75%		%REC	44-125		4	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-4 @ 5 FT	Lab ID: 459968-008	Collected: 03/18/22 10:17
	Matrix: Soil	

459968-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.7	1	286111	03/23/22	03/24/22	KLN
Arsenic	**7.7**		mg/Kg	1.0	0.70	1	286111	03/23/22	03/24/22	KLN
Barium	**200**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.23**	J	mg/Kg	0.52	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.52	0.078	1	286111	03/23/22	03/24/22	KLN
Chromium	**56**		mg/Kg	1.0	0.22	1	286111	03/23/22	03/24/22	KLN
Cobalt	**14**		mg/Kg	0.52	0.071	1	286111	03/23/22	03/24/22	KLN
Copper	**31**		mg/Kg	1.0	0.63	1	286111	03/23/22	03/24/22	KLN
Lead	**9.5**		mg/Kg	1.0	0.88	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Nickel	**89**		mg/Kg	1.0	0.27	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.1	0.42	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.52	0.17	1	286111	03/23/22	03/24/22	KLN
Thallium	**0.88**	J	mg/Kg	3.1	0.60	1	286111	03/23/22	03/24/22	KLN
Vanadium	**37**		mg/Kg	1.0	0.45	1	286111	03/23/22	03/24/22	KLN
Zinc	**62**		mg/Kg	5.2	0.78	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.052**	J	mg/Kg	0.14	0.040	1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.5	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**1.5**	B,J	mg/Kg	20	1.5	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	50%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	4.3	1.6	0.86	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	4.3	1.4	0.86	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	4.3	1.4	0.86	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	4.3	1.2	0.86	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	86	22	0.86	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.3	0.6	0.86	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	86	2.6	0.86	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.3	0.5	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	2.7	0.86	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	8.6	1.6	0.86	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	4.3	1.2	0.86	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	4.3	0.4	0.86	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.6	0.86	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.3	1.1	0.86	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	4.3		0.86	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	108%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Toluene-d8	98%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	98%		%REC	70-145		0.86	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	60%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	61%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	60%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	57%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	64%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	71%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-4 @ 10 FT	Lab ID: 459968-009	Collected: 03/18/22 10:23
	Matrix: Soil	

459968-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.3	1.7	1.1	286111	03/23/22	03/24/22	KLN
Arsenic	**7.3**		mg/Kg	1.1	0.73	1.1	286111	03/23/22	03/24/22	KLN
Barium	**240**		mg/Kg	1.1	0.11	1.1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.21**	J	mg/Kg	0.54	0.12	1.1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.54	0.082	1.1	286111	03/23/22	03/24/22	KLN
Chromium	**45**		mg/Kg	1.1	0.23	1.1	286111	03/23/22	03/24/22	KLN
Cobalt	**11**		mg/Kg	0.54	0.074	1.1	286111	03/23/22	03/24/22	KLN
Copper	**25**		mg/Kg	1.1	0.65	1.1	286111	03/23/22	03/24/22	KLN
Lead	**8.5**		mg/Kg	1.1	0.91	1.1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.1	0.64	1.1	286111	03/23/22	03/24/22	KLN
Nickel	**62**		mg/Kg	1.1	0.28	1.1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.3	0.43	1.1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.54	0.17	1.1	286111	03/23/22	03/24/22	KLN
Thallium	**0.75**	J	mg/Kg	3.3	0.63	1.1	286111	03/23/22	03/24/22	KLN
Vanadium	**31**		mg/Kg	1.1	0.47	1.1	286111	03/23/22	03/24/22	KLN
Zinc	**53**		mg/Kg	5.4	0.82	1.1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.056**	J	mg/Kg	0.16	0.045	1.2	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**1.6**	B,J	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	ND		mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	63%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	4.6	1.7	0.93	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	4.6	1.5	0.93	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	4.6	1.5	0.93	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	4.6	1.3	0.93	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	93	23	0.93	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.6	0.6	0.93	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	93	2.8	0.93	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.6	0.6	0.93	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	2.9	0.93	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	9.3	1.7	0.93	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	4.6	1.3	0.93	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	4.6	0.4	0.93	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.9	0.93	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.8	0.93	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.6	1.0	0.93	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.7	0.93	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.6	1.2	0.93	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	1.1	0.93	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	4.6		0.93	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-145		0.93	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	112%		%REC	70-145		0.93	286013	03/22/22	03/22/22	RAO
Toluene-d8	96%		%REC	70-145		0.93	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	95%		%REC	70-145		0.93	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	71%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	69%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	63%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	59%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	64%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	73%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-5 @ 1 FT	Lab ID: 459968-010	Collected: 03/18/22 09:47
	Matrix: Soil	

459968-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	**1.7**	J	mg/Kg	2.9	1.5	0.95	286111	03/23/22	03/24/22	KLN
Arsenic	**8.9**		mg/Kg	0.95	0.64	0.95	286111	03/23/22	03/24/22	KLN
Barium	**210**		mg/Kg	0.95	0.095	0.95	286111	03/23/22	03/24/22	KLN
Beryllium	**0.28**	J	mg/Kg	0.48	0.10	0.95	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.48	0.071	0.95	286111	03/23/22	03/24/22	KLN
Chromium	**64**		mg/Kg	0.95	0.20	0.95	286111	03/23/22	03/24/22	KLN
Cobalt	**16**		mg/Kg	0.48	0.065	0.95	286111	03/23/22	03/24/22	KLN
Copper	**35**		mg/Kg	0.95	0.57	0.95	286111	03/23/22	03/24/22	KLN
Lead	**20**		mg/Kg	0.95	0.80	0.95	286111	03/23/22	03/24/22	KLN
Molybdenum	**2.8**		mg/Kg	0.95	0.56	0.95	286111	03/23/22	03/24/22	KLN
Nickel	**100**		mg/Kg	0.95	0.25	0.95	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	2.9	0.38	0.95	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.48	0.15	0.95	286111	03/23/22	03/24/22	KLN
Thallium	**0.92**	J	mg/Kg	2.9	0.55	0.95	286111	03/23/22	03/24/22	KLN
Vanadium	**40**		mg/Kg	0.95	0.41	0.95	286111	03/23/22	03/24/22	KLN
Zinc	**84**		mg/Kg	4.8	0.71	0.95	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.058**	J	mg/Kg	0.16	0.044	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**2.6**	B,J	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**3.4**	B,J	mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	73%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	1.2	0.89	286013	03/22/22	03/22/22	RAO
Freon 12	ND		ug/Kg	4.5	1.6	0.89	286013	03/22/22	03/22/22	RAO
Chloromethane	ND		ug/Kg	4.5	1.4	0.89	286013	03/22/22	03/22/22	RAO
Vinyl Chloride	ND		ug/Kg	4.5	1.4	0.89	286013	03/22/22	03/22/22	RAO
Bromomethane	ND		ug/Kg	4.5	1.2	0.89	286013	03/22/22	03/22/22	RAO
Chloroethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Acetone	ND		ug/Kg	89	22	0.89	286013	03/22/22	03/22/22	RAO
Freon 113	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.5	0.6	0.89	286013	03/22/22	03/22/22	RAO
MTBE	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
2-Butanone	ND		ug/Kg	89	2.7	0.89	286013	03/22/22	03/22/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
Chloroform	ND		ug/Kg	4.5	1.2	0.89	286013	03/22/22	03/22/22	RAO
Bromochloromethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.5	0.6	0.89	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
Benzene	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Trichloroethene	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
Bromodichloromethane	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
Dibromomethane	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	2.8	0.89	286013	03/22/22	03/22/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
Toluene	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
Tetrachloroethene	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Dibromochloromethane	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Chlorobenzene	ND		ug/Kg	4.5	0.7	0.89	286013	03/22/22	03/22/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
Ethylbenzene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
m,p-Xylenes	ND		ug/Kg	8.9	1.7	0.89	286013	03/22/22	03/22/22	RAO
o-Xylene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
Styrene	ND		ug/Kg	4.5	1.3	0.89	286013	03/22/22	03/22/22	RAO
Bromoform	ND		ug/Kg	4.5	0.4	0.89	286013	03/22/22	03/22/22	RAO
Isopropylbenzene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
Propylbenzene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
Bromobenzene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.8	0.89	286013	03/22/22	03/22/22	RAO
n-Butylbenzene	ND		ug/Kg	4.5	1.0	0.89	286013	03/22/22	03/22/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.9	0.89	286013	03/22/22	03/22/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.6	0.89	286013	03/22/22	03/22/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
Naphthalene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	1.1	0.89	286013	03/22/22	03/22/22	RAO
Xylene (total)	ND		ug/Kg	4.5		0.89	286013	03/22/22	03/22/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-145		0.89	286013	03/22/22	03/22/22	RAO
1,2-Dichloroethane-d4	109%		%REC	70-145		0.89	286013	03/22/22	03/22/22	RAO
Toluene-d8	101%		%REC	70-145		0.89	286013	03/22/22	03/22/22	RAO
Bromofluorobenzene	100%		%REC	70-145		0.89	286013	03/22/22	03/22/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/23/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/23/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/23/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/23/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/23/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/23/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/23/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/23/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/23/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/23/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/23/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/23/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/23/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 459968

459968-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/23/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/23/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/23/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/23/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/23/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/23/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/23/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/23/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/23/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/23/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/23/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/23/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/23/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/23/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/23/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/23/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/23/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/23/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/23/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	60%		%REC	29-120		1	286012	03/22/22	03/23/22	HQN
Phenol-d6	61%		%REC	30-120		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	57%		%REC	32-120		1	286012	03/22/22	03/23/22	HQN
Nitrobenzene-d5	54%		%REC	33-120		1	286012	03/22/22	03/23/22	HQN
2-Fluorobiphenyl	59%		%REC	39-120		1	286012	03/22/22	03/23/22	HQN
Terphenyl-d14	67%		%REC	44-125		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-5 @ 5 FT	Lab ID: 459968-011	Collected: 03/18/22 09:49
	Matrix: Soil	

459968-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.6	1	286111	03/23/22	03/24/22	KLN
Arsenic	**5.3**		mg/Kg	1.0	0.68	1	286111	03/23/22	03/24/22	KLN
Barium	**88**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.13**	J	mg/Kg	0.51	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.51	0.077	1	286111	03/23/22	03/24/22	KLN
Chromium	**53**		mg/Kg	1.0	0.21	1	286111	03/23/22	03/24/22	KLN
Cobalt	**8.9**		mg/Kg	0.51	0.069	1	286111	03/23/22	03/24/22	KLN
Copper	**18**		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Lead	**6.9**		mg/Kg	1.0	0.86	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.60	1	286111	03/23/22	03/24/22	KLN
Nickel	**75**		mg/Kg	1.0	0.27	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.1	0.41	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.51	0.16	1	286111	03/23/22	03/24/22	KLN
Thallium	ND		mg/Kg	3.1	0.59	1	286111	03/23/22	03/24/22	KLN
Vanadium	**32**		mg/Kg	1.0	0.44	1	286111	03/23/22	03/24/22	KLN
Zinc	**47**		mg/Kg	5.1	0.77	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.11**	J	mg/Kg	0.14	0.040	1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**4.3**	B,J	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**5.1**	B,J	mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	66%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Freon 12	ND		ug/Kg	4.3	1.6	0.86	286013	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/Kg	4.3	1.4	0.86	286013	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/Kg	4.3	1.4	0.86	286013	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/Kg	4.3	1.2	0.86	286013	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Acetone	ND		ug/Kg	86	22	0.86	286013	03/23/22	03/23/22	RAO
Freon 113	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.3	0.6	0.86	286013	03/23/22	03/23/22	RAO
MTBE	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/Kg	86	2.6	0.86	286013	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
Chloroform	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.3	0.5	0.86	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
Benzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	2.7	0.86	286013	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
Toluene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
Tetrachloroethene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Ethylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
m,p-Xylenes	ND		ug/Kg	8.6	1.6	0.86	286013	03/23/22	03/23/22	RAO
o-Xylene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
Styrene	ND		ug/Kg	4.3	1.2	0.86	286013	03/23/22	03/23/22	RAO
Bromoform	ND		ug/Kg	4.3	0.4	0.86	286013	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.86	286013	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.8	0.86	286013	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.9	0.86	286013	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.6	0.86	286013	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.3	1.1	0.86	286013	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	1.0	0.86	286013	03/23/22	03/23/22	RAO
Xylene (total)	ND		ug/Kg	4.3		0.86	286013	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-145		0.86	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	108%		%REC	70-145		0.86	286013	03/23/22	03/23/22	RAO
Toluene-d8	100%		%REC	70-145		0.86	286013	03/23/22	03/23/22	RAO
Bromofluorobenzene	96%		%REC	70-145		0.86	286013	03/23/22	03/23/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/23/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/23/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/23/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/23/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/23/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/23/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/23/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/23/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/23/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/23/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/23/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/23/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/23/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/23/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/23/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/23/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/23/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/23/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/23/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/23/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/23/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/23/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/23/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/23/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/23/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/23/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/23/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/23/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/23/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/23/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/23/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/23/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	71%		%REC	29-120		1	286012	03/22/22	03/23/22	HQN
Phenol-d6	73%		%REC	30-120		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	67%		%REC	32-120		1	286012	03/22/22	03/23/22	HQN
Nitrobenzene-d5	65%		%REC	33-120		1	286012	03/22/22	03/23/22	HQN
2-Fluorobiphenyl	68%		%REC	39-120		1	286012	03/22/22	03/23/22	HQN
Terphenyl-d14	77%		%REC	44-125		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-5 @ 10 FT	Lab ID: 459968-012	Collected: 03/18/22 09:59
	Matrix: Soil	

459968-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.6	1	286111	03/23/22	03/24/22	KLN
Arsenic	**8.6**		mg/Kg	1.0	0.68	1	286111	03/23/22	03/24/22	KLN
Barium	**220**		mg/Kg	1.0	0.10	1	286111	03/23/22	03/24/22	KLN
Beryllium	**0.33**	J	mg/Kg	0.51	0.11	1	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.51	0.077	1	286111	03/23/22	03/24/22	KLN
Chromium	**59**		mg/Kg	1.0	0.21	1	286111	03/23/22	03/24/22	KLN
Cobalt	**17**		mg/Kg	0.51	0.069	1	286111	03/23/22	03/24/22	KLN
Copper	**34**		mg/Kg	1.0	0.61	1	286111	03/23/22	03/24/22	KLN
Lead	**9.6**		mg/Kg	1.0	0.86	1	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	1.0	0.60	1	286111	03/23/22	03/24/22	KLN
Nickel	**94**		mg/Kg	1.0	0.27	1	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.1	0.41	1	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.51	0.16	1	286111	03/23/22	03/24/22	KLN
Thallium	**1.2**	J	mg/Kg	3.1	0.59	1	286111	03/23/22	03/24/22	KLN
Vanadium	**40**		mg/Kg	1.0	0.44	1	286111	03/23/22	03/24/22	KLN
Zinc	**69**		mg/Kg	5.1	0.77	1	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.057**	J	mg/Kg	0.15	0.041	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**1.9**	B,J	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**1.8**	B,J	mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	61%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	1.3	0.96	286013	03/23/22	03/23/22	RAO
Freon 12	ND		ug/Kg	4.8	1.7	0.96	286013	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/Kg	4.8	1.5	0.96	286013	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/Kg	4.8	1.5	0.96	286013	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/Kg	4.8	1.3	0.96	286013	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
Acetone	ND		ug/Kg	96	24	0.96	286013	03/23/22	03/23/22	RAO
Freon 113	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 459968

459968-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.8	0.6	0.96	286013	03/23/22	03/23/22	RAO
MTBE	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/Kg	96	2.9	0.96	286013	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
Chloroform	ND		ug/Kg	4.8	1.3	0.96	286013	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.8	0.6	0.96	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
Benzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/Kg	4.8	0.7	0.96	286013	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.8	3.0	0.96	286013	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
Toluene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
Tetrachloroethene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/Kg	4.8	0.7	0.96	286013	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
Ethylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
m,p-Xylenes	ND		ug/Kg	9.6	1.8	0.96	286013	03/23/22	03/23/22	RAO
o-Xylene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
Styrene	ND		ug/Kg	4.8	1.4	0.96	286013	03/23/22	03/23/22	RAO
Bromoform	ND		ug/Kg	4.8	0.4	0.96	286013	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.8	0.8	0.96	286013	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.8	0.9	0.96	286013	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.8	1.0	0.96	286013	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.8	0.7	0.96	286013	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.8	1.2	0.96	286013	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.8	1.1	0.96	286013	03/23/22	03/23/22	RAO
Xylene (total)	ND		ug/Kg	4.8		0.96	286013	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-145		0.96	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	113%		%REC	70-145		0.96	286013	03/23/22	03/23/22	RAO
Toluene-d8	99%		%REC	70-145		0.96	286013	03/23/22	03/23/22	RAO
Bromofluorobenzene	99%		%REC	70-145		0.96	286013	03/23/22	03/23/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/23/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/23/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/23/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/23/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/23/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/23/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/23/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/23/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/23/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/23/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/23/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/23/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/23/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/23/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/23/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/23/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/23/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/23/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/23/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/23/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/23/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/23/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/23/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/23/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/23/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/23/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/23/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/23/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/23/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/23/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/23/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/23/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	75%		%REC	29-120		1	286012	03/22/22	03/23/22	HQN
Phenol-d6	70%		%REC	30-120		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	80%		%REC	32-120		1	286012	03/22/22	03/23/22	HQN
Nitrobenzene-d5	64%		%REC	33-120		1	286012	03/22/22	03/23/22	HQN
2-Fluorobiphenyl	68%		%REC	39-120		1	286012	03/22/22	03/23/22	HQN
Terphenyl-d14	75%		%REC	44-125		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-6 @ 1 FT	Lab ID: 459968-013	Collected: 03/18/22 10:45
	Matrix: Soil	

459968-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	**2.5**	J	mg/Kg	3.0	1.6	0.99	286111	03/23/22	03/24/22	KLN
Arsenic	**23**		mg/Kg	0.99	0.66	0.99	286111	03/23/22	03/24/22	KLN
Barium	**260**		mg/Kg	0.99	0.099	0.99	286111	03/23/22	03/24/22	KLN
Beryllium	**0.18**	J	mg/Kg	0.50	0.11	0.99	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.50	0.074	0.99	286111	03/23/22	03/24/22	KLN
Chromium	**77**		mg/Kg	0.99	0.21	0.99	286111	03/23/22	03/24/22	KLN
Cobalt	**16**		mg/Kg	0.50	0.067	0.99	286111	03/23/22	03/24/22	KLN
Copper	**41**		mg/Kg	0.99	0.59	0.99	286111	03/23/22	03/24/22	KLN
Lead	**140**		mg/Kg	0.99	0.83	0.99	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	0.99	0.58	0.99	286111	03/23/22	03/24/22	KLN
Nickel	**120**		mg/Kg	0.99	0.26	0.99	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	3.0	0.40	0.99	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.50	0.16	0.99	286111	03/23/22	03/24/22	KLN
Thallium	**0.76**	J	mg/Kg	3.0	0.57	0.99	286111	03/23/22	03/24/22	KLN
Vanadium	**43**		mg/Kg	0.99	0.43	0.99	286111	03/23/22	03/24/22	KLN
Zinc	**220**		mg/Kg	5.0	0.74	0.99	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.53**		mg/Kg	0.16	0.044	1.1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**17**	B	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**26**	B	mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	62%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.7	0.94	286013	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Freon 12	ND		ug/Kg	4.7	1.7	0.94	286013	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/Kg	4.7	1.5	0.94	286013	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/Kg	4.7	1.5	0.94	286013	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/Kg	4.7	1.3	0.94	286013	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
Acetone	ND		ug/Kg	94	24	0.94	286013	03/23/22	03/23/22	RAO
Freon 113	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.7	0.6	0.94	286013	03/23/22	03/23/22	RAO
MTBE	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/Kg	94	2.8	0.94	286013	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
Chloroform	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.7	0.6	0.94	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
Benzene	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/Kg	4.7	0.7	0.94	286013	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	2.9	0.94	286013	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
Toluene	ND		ug/Kg	4.7	0.7	0.94	286013	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
Tetrachloroethene	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/Kg	4.7	0.7	0.94	286013	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
Ethylbenzene	**1.5**	J	ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
m,p-Xylenes	**6.2**	J	ug/Kg	9.4	1.8	0.94	286013	03/23/22	03/23/22	RAO
o-Xylene	**2.0**	J	ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
Styrene	ND		ug/Kg	4.7	1.4	0.94	286013	03/23/22	03/23/22	RAO
Bromoform	ND		ug/Kg	4.7	0.4	0.94	286013	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.9	0.94	286013	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.8	0.94	286013	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.7	1.0	0.94	286013	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.7	0.94	286013	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.7	1.2	0.94	286013	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	1.1	0.94	286013	03/23/22	03/23/22	RAO
Xylene (total)	**8.2**	J	ug/Kg	4.7		0.94	286013	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-145		0.94	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	109%		%REC	70-145		0.94	286013	03/23/22	03/23/22	RAO
Toluene-d8	100%		%REC	70-145		0.94	286013	03/23/22	03/23/22	RAO
Bromofluorobenzene	99%		%REC	70-145		0.94	286013	03/23/22	03/23/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	5,000	1,500	20	286012	03/22/22	03/23/22	HQN
1-Methylnaphthalene	ND		ug/Kg	5,000	710	20	286012	03/22/22	03/23/22	HQN
Pyridine	ND		ug/Kg	5,000	4,400	20	286012	03/22/22	03/23/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	5,000	820	20	286012	03/22/22	03/23/22	HQN
Phenol	ND		ug/Kg	5,000	730	20	286012	03/22/22	03/23/22	HQN
Aniline	ND		ug/Kg	5,000	1,100	20	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	24,000	330	20	286012	03/22/22	03/23/22	HQN
2-Chlorophenol	ND		ug/Kg	5,000	630	20	286012	03/22/22	03/23/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	5,000	590	20	286012	03/22/22	03/23/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	5,000	520	20	286012	03/22/22	03/23/22	HQN
Benzyl alcohol	ND		ug/Kg	5,000	780	20	286012	03/22/22	03/23/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	5,000	410	20	286012	03/22/22	03/23/22	HQN
2-Methylphenol	ND		ug/Kg	5,000	410	20	286012	03/22/22	03/23/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/23/22	HQN
3-,4-Methylphenol	ND		ug/Kg	8,000	840	20	286012	03/22/22	03/23/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/23/22	HQN
Hexachloroethane	ND		ug/Kg	5,000	520	20	286012	03/22/22	03/23/22	HQN
Nitrobenzene	ND		ug/Kg	24,000	670	20	286012	03/22/22	03/23/22	HQN
Isophorone	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/23/22	HQN
2-Nitrophenol	ND		ug/Kg	5,000	390	20	286012	03/22/22	03/23/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	5,000	1,500	20	286012	03/22/22	03/23/22	HQN
Benzoic acid	ND		ug/Kg	24,000	1,500	20	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	5,000	720	20	286012	03/22/22	03/23/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	5,000	460	20	286012	03/22/22	03/23/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	5,000	610	20	286012	03/22/22	03/23/22	HQN
Naphthalene	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/23/22	HQN
4-Chloroaniline	ND		ug/Kg	5,000	880	20	286012	03/22/22	03/23/22	HQN
Hexachlorobutadiene	ND		ug/Kg	5,000	510	20	286012	03/22/22	03/23/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	5,000	460	20	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	5,000	530	20	286012	03/22/22	03/23/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	24,000	950	20	286012	03/22/22	03/23/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	5,000	670	20	286012	03/22/22	03/23/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	5,000	690	20	286012	03/22/22	03/23/22	HQN
2-Chloronaphthalene	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/23/22	HQN
2-Nitroaniline	ND		ug/Kg	5,000	710	20	286012	03/22/22	03/23/22	HQN
Dimethylphthalate	ND		ug/Kg	5,000	770	20	286012	03/22/22	03/23/22	HQN
Acenaphthylene	ND		ug/Kg	5,000	680	20	286012	03/22/22	03/23/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	5,000	860	20	286012	03/22/22	03/23/22	HQN
3-Nitroaniline	ND		ug/Kg	5,000	980	20	286012	03/22/22	03/23/22	HQN
Acenaphthene	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/23/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	24,000	970	20	286012	03/22/22	03/23/22	HQN
4-Nitrophenol	ND		ug/Kg	5,000	510	20	286012	03/22/22	03/23/22	HQN
Dibenzofuran	ND		ug/Kg	5,000	690	20	286012	03/22/22	03/23/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	5,000	580	20	286012	03/22/22	03/23/22	HQN
Diethylphthalate	ND		ug/Kg	5,000	900	20	286012	03/22/22	03/23/22	HQN
Fluorene	ND		ug/Kg	5,000	700	20	286012	03/22/22	03/23/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	5,000	740	20	286012	03/22/22	03/23/22	HQN
4-Nitroaniline	ND		ug/Kg	5,000	740	20	286012	03/22/22	03/23/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	5,000	640	20	286012	03/22/22	03/23/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	5,000	860	20	286012	03/22/22	03/23/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	5,000	840	20	286012	03/22/22	03/23/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	5,000	760	20	286012	03/22/22	03/23/22	HQN
Hexachlorobenzene	ND		ug/Kg	5,000	900	20	286012	03/22/22	03/23/22	HQN
Pentachlorophenol	ND		ug/Kg	24,000	860	20	286012	03/22/22	03/23/22	HQN
Phenanthrene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/23/22	HQN
Anthracene	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/23/22	HQN
Di-n-butylphthalate	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/23/22	HQN
Fluoranthene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/23/22	HQN
Benzidine	ND		ug/Kg	24,000	1,400	20	286012	03/22/22	03/23/22	HQN
Pyrene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/23/22	HQN
Butylbenzylphthalate	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/23/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	24,000	3,400	20	286012	03/22/22	03/23/22	HQN
Benzo(a)anthracene	ND		ug/Kg	5,000	1,700	20	286012	03/22/22	03/23/22	HQN
Chrysene	ND		ug/Kg	5,000	1,700	20	286012	03/22/22	03/23/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/23/22	HQN
Di-n-octylphthalate	ND		ug/Kg	5,000	1,100	20	286012	03/22/22	03/23/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/23/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	5,000	1,600	20	286012	03/22/22	03/23/22	HQN
Benzo(a)pyrene	ND		ug/Kg	5,000	1,200	20	286012	03/22/22	03/23/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	5,000	1,300	20	286012	03/22/22	03/23/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	5,000	1,000	20	286012	03/22/22	03/23/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	5,000	1,400	20	286012	03/22/22	03/23/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	68%		%REC	29-120		20	286012	03/22/22	03/23/22	HQN
Phenol-d6	71%		%REC	30-120		20	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	48%		%REC	32-120		20	286012	03/22/22	03/23/22	HQN
Nitrobenzene-d5	55%		%REC	33-120		20	286012	03/22/22	03/23/22	HQN
2-Fluorobiphenyl	73%		%REC	39-120		20	286012	03/22/22	03/23/22	HQN
Terphenyl-d14	78%		%REC	44-125		20	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-6 @ 5 FT	Lab ID: 459968-014	Collected: 03/18/22 10:47
	Matrix: Soil	

459968-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.7	1.5	0.91	286111	03/23/22	03/24/22	KLN
Arsenic	**6.4**		mg/Kg	0.91	0.61	0.91	286111	03/23/22	03/24/22	KLN
Barium	**180**		mg/Kg	0.91	0.091	0.91	286111	03/23/22	03/24/22	KLN
Beryllium	**0.15**	J	mg/Kg	0.45	0.10	0.91	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.45	0.068	0.91	286111	03/23/22	03/24/22	KLN
Chromium	**55**		mg/Kg	0.91	0.19	0.91	286111	03/23/22	03/24/22	KLN
Cobalt	**12**		mg/Kg	0.45	0.062	0.91	286111	03/23/22	03/24/22	KLN
Copper	**25**		mg/Kg	0.91	0.55	0.91	286111	03/23/22	03/24/22	KLN
Lead	**8.1**		mg/Kg	0.91	0.76	0.91	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	0.91	0.54	0.91	286111	03/23/22	03/24/22	KLN
Nickel	**83**		mg/Kg	0.91	0.24	0.91	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	2.7	0.36	0.91	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.45	0.15	0.91	286111	03/23/22	03/24/22	KLN
Thallium	**0.68**	J	mg/Kg	2.7	0.53	0.91	286111	03/23/22	03/24/22	KLN
Vanadium	**33**		mg/Kg	0.91	0.39	0.91	286111	03/23/22	03/24/22	KLN
Zinc	**55**		mg/Kg	4.5	0.68	0.91	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.051**	J	mg/Kg	0.16	0.045	1.2	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	**1.9**	B,J	mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	**2.4**	B,J	mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	73%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	1.2	0.88	286013	03/23/22	03/23/22	RAO
Freon 12	ND		ug/Kg	4.4	1.6	0.88	286013	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/Kg	4.4	1.4	0.88	286013	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/Kg	4.4	1.4	0.88	286013	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/Kg	4.4	1.2	0.88	286013	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
Acetone	ND		ug/Kg	88	22	0.88	286013	03/23/22	03/23/22	RAO
Freon 113	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ug/Kg	4.4	0.6	0.88	286013	03/23/22	03/23/22	RAO
MTBE	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/Kg	88	2.6	0.88	286013	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Chloroform	ND		ug/Kg	4.4	1.2	0.88	286013	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/Kg	4.4	0.6	0.88	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Benzene	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	2.7	0.88	286013	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
Toluene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Tetrachloroethene	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
Ethylbenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
m,p-Xylenes	ND		ug/Kg	8.8	1.6	0.88	286013	03/23/22	03/23/22	RAO
o-Xylene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
Styrene	ND		ug/Kg	4.4	1.3	0.88	286013	03/23/22	03/23/22	RAO
Bromoform	ND		ug/Kg	4.4	0.4	0.88	286013	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.7	0.88	286013	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.8	0.88	286013	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.9	0.88	286013	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.6	0.88	286013	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/Kg	4.4	1.1	0.88	286013	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	1.0	0.88	286013	03/23/22	03/23/22	RAO
Xylene (total)	ND		ug/Kg	4.4		0.88	286013	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	91%		%REC	70-145		0.88	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	109%		%REC	70-145		0.88	286013	03/23/22	03/23/22	RAO
Toluene-d8	97%		%REC	70-145		0.88	286013	03/23/22	03/23/22	RAO
Bromofluorobenzene	98%		%REC	70-145		0.88	286013	03/23/22	03/23/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	73	1	286012	03/22/22	03/23/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Pyridine	ND		ug/Kg	250	220	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	41	1	286012	03/22/22	03/23/22	HQN
Phenol	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Aniline	ND		ug/Kg	250	54	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	16	1	286012	03/22/22	03/23/22	HQN
2-Chlorophenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	30	1	286012	03/22/22	03/23/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Benzyl alcohol	ND		ug/Kg	250	39	1	286012	03/22/22	03/23/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
2-Methylphenol	ND		ug/Kg	250	21	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	42	1	286012	03/22/22	03/23/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
Hexachloroethane	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	34	1	286012	03/22/22	03/23/22	HQN
Isophorone	ND		ug/Kg	250	27	1	286012	03/22/22	03/23/22	HQN
2-Nitrophenol	ND		ug/Kg	250	20	1	286012	03/22/22	03/23/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	77	1	286012	03/22/22	03/23/22	HQN
Benzoic acid	ND		ug/Kg	1,200	76	1	286012	03/22/22	03/23/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	31	1	286012	03/22/22	03/23/22	HQN
Naphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
4-Chloroaniline	ND		ug/Kg	250	44	1	286012	03/22/22	03/23/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	25	1	286012	03/22/22	03/23/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	23	1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	47	1	286012	03/22/22	03/23/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/23/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2-Nitroaniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/23/22	HQN
Dimethylphthalate	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Acenaphthylene	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
3-Nitroaniline	ND		ug/Kg	250	49	1	286012	03/22/22	03/23/22	HQN
Acenaphthene	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	49	1	286012	03/22/22	03/23/22	HQN
4-Nitrophenol	ND		ug/Kg	250	26	1	286012	03/22/22	03/23/22	HQN
Dibenzofuran	ND		ug/Kg	250	34	1	286012	03/22/22	03/23/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	29	1	286012	03/22/22	03/23/22	HQN
Diethylphthalate	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Fluorene	ND		ug/Kg	250	35	1	286012	03/22/22	03/23/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4-Nitroaniline	ND		ug/Kg	250	37	1	286012	03/22/22	03/23/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	32	1	286012	03/22/22	03/23/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	43	1	286012	03/22/22	03/23/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	42	1	286012	03/22/22	03/23/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	38	1	286012	03/22/22	03/23/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/23/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	43	1	286012	03/22/22	03/23/22	HQN
Phenanthrene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Anthracene	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	79	1	286012	03/22/22	03/23/22	HQN
Fluoranthene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Benzidine	ND		ug/Kg	1,200	72	1	286012	03/22/22	03/23/22	HQN
Pyrene	ND		ug/Kg	250	81	1	286012	03/22/22	03/23/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	60	1	286012	03/22/22	03/23/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	170	1	286012	03/22/22	03/23/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	85	1	286012	03/22/22	03/23/22	HQN
Chrysene	ND		ug/Kg	250	83	1	286012	03/22/22	03/23/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	68	1	286012	03/22/22	03/23/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	57	1	286012	03/22/22	03/23/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	78	1	286012	03/22/22	03/23/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	62	1	286012	03/22/22	03/23/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	67	1	286012	03/22/22	03/23/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	52	1	286012	03/22/22	03/23/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	70	1	286012	03/22/22	03/23/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	77%		%REC	29-120		1	286012	03/22/22	03/23/22	HQN
Phenol-d6	77%		%REC	30-120		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	70%		%REC	32-120		1	286012	03/22/22	03/23/22	HQN
Nitrobenzene-d5	72%		%REC	33-120		1	286012	03/22/22	03/23/22	HQN
2-Fluorobiphenyl	78%		%REC	39-120		1	286012	03/22/22	03/23/22	HQN
Terphenyl-d14	84%		%REC	44-125		1	286012	03/22/22	03/23/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: SB-6 @ 10 FT	Lab ID: 459968-015	Collected: 03/18/22 10:54
	Matrix: Soil	

459968-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.8	1.5	0.93	286111	03/23/22	03/24/22	KLN
Arsenic	**5.6**		mg/Kg	0.93	0.63	0.93	286111	03/23/22	03/24/22	KLN
Barium	**130**		mg/Kg	0.93	0.093	0.93	286111	03/23/22	03/24/22	KLN
Beryllium	ND		mg/Kg	0.47	0.10	0.93	286111	03/23/22	03/24/22	KLN
Cadmium	ND		mg/Kg	0.47	0.070	0.93	286111	03/23/22	03/24/22	KLN
Chromium	**47**		mg/Kg	0.93	0.20	0.93	286111	03/23/22	03/24/22	KLN
Cobalt	**9.3**		mg/Kg	0.47	0.064	0.93	286111	03/23/22	03/24/22	KLN
Copper	**20**		mg/Kg	0.93	0.56	0.93	286111	03/23/22	03/24/22	KLN
Lead	**6.4**		mg/Kg	0.93	0.79	0.93	286111	03/23/22	03/24/22	KLN
Molybdenum	ND		mg/Kg	0.93	0.55	0.93	286111	03/23/22	03/24/22	KLN
Nickel	**69**		mg/Kg	0.93	0.24	0.93	286111	03/23/22	03/24/22	KLN
Selenium	ND		mg/Kg	2.8	0.37	0.93	286111	03/23/22	03/24/22	KLN
Silver	ND		mg/Kg	0.47	0.15	0.93	286111	03/23/22	03/24/22	KLN
Thallium	**0.58**	J	mg/Kg	2.8	0.54	0.93	286111	03/23/22	03/24/22	KLN
Vanadium	**31**		mg/Kg	0.93	0.40	0.93	286111	03/23/22	03/24/22	KLN
Zinc	**47**		mg/Kg	4.7	0.70	0.93	286111	03/23/22	03/24/22	KLN
Method: EPA 7471A Prep Method: METHOD										
Mercury	**0.046**	J	mg/Kg	0.14	0.040	1	286143	03/23/22	03/23/22	KLN
Method: EPA 8015M Prep Method: EPA 3580										
GRO C6-C10 (SGCU)	ND		mg/Kg	10		1	286198	03/24/22	03/29/22	MES
DRO C10-C28 (SGCU)	ND		mg/Kg	10	1.3	1	286198	03/24/22	03/29/22	MES
ORO C28-C44 (SGCU)	ND		mg/Kg	20	1.3	1	286198	03/24/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	72%		%REC	29-132		1	286198	03/24/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
Freon 12	ND		ug/Kg	5.0	1.8	1	286013	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/Kg	5.0	1.6	1	286013	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/Kg	5.0	1.6	1	286013	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/Kg	5.0	1.4	1	286013	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Acetone	ND		ug/Kg	100	25	1	286013	03/23/22	03/23/22	RAO
Freon 113	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
Methylene Chloride	**1.4**	J	ug/Kg	5.0	0.7	1	286013	03/23/22	03/23/22	RAO
MTBE	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/Kg	100	3.0	1	286013	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
Chloroform	ND		ug/Kg	5.0	1.3	1	286013	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/Kg	5.0	0.6	1	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
Benzene	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	3.1	1	286013	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
Toluene	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
Tetrachloroethene	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
Ethylbenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
m,p-Xylenes	ND		ug/Kg	10	1.9	1	286013	03/23/22	03/23/22	RAO
o-Xylene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
Styrene	ND		ug/Kg	5.0	1.4	1	286013	03/23/22	03/23/22	RAO
Bromoform	ND		ug/Kg	5.0	0.5	1	286013	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.0	1.0	1	286013	03/23/22	03/23/22	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.9	1	286013	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

Analysis Results for 459968

459968-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1.1	1	286013	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.7	1	286013	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	1	286013	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/Kg	5.0	1.3	1	286013	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.2	1	286013	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.8	1	286013	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.3	1	286013	03/23/22	03/23/22	RAO
Xylene (total)	ND		ug/Kg	5.0		1	286013	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-145		1	286013	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	114%		%REC	70-145		1	286013	03/23/22	03/23/22	RAO
Toluene-d8	94%		%REC	70-145		1	286013	03/23/22	03/23/22	RAO
Bromofluorobenzene	94%		%REC	70-145		1	286013	03/23/22	03/23/22	RAO
Method: EPA 8270C Prep Method: EPA 3546										
Carbazole	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
1-Methylnaphthalene	ND		ug/Kg	250	46	1	286012	03/22/22	03/22/22	HQN
Pyridine	ND		ug/Kg	250	34	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodimethylamine	ND		ug/Kg	250	23	1	286012	03/22/22	03/22/22	HQN
Phenol	**53**	J	ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Aniline	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	57	1	286012	03/22/22	03/22/22	HQN
2-Chlorophenol	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
1,3-Dichlorobenzene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
1,4-Dichlorobenzene	ND		ug/Kg	250	32	1	286012	03/22/22	03/22/22	HQN
Benzyl alcohol	ND		ug/Kg	250	250	1	286012	03/22/22	03/22/22	HQN
1,2-Dichlorobenzene	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
2-Methylphenol	ND		ug/Kg	250	110	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	45	1	286012	03/22/22	03/22/22	HQN
3-,4-Methylphenol	ND		ug/Kg	400	60	1	286012	03/22/22	03/22/22	HQN
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
Hexachloroethane	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
Nitrobenzene	ND		ug/Kg	1,200	36	1	286012	03/22/22	03/22/22	HQN
Isophorone	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
2-Nitrophenol	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
2,4-Dimethylphenol	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
Benzoic acid	ND		ug/Kg	1,200	140	1	286012	03/22/22	03/22/22	HQN
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
2,4-Dichlorophenol	ND		ug/Kg	250	46	1	286012	03/22/22	03/22/22	HQN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
Naphthalene	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
4-Chloroaniline	ND		ug/Kg	250	59	1	286012	03/22/22	03/22/22	HQN
Hexachlorobutadiene	ND		ug/Kg	250	36	1	286012	03/22/22	03/22/22	HQN
4-Chloro-3-methylphenol	ND		ug/Kg	250	60	1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	20	1	286012	03/22/22	03/22/22	HQN
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
2,4,5-Trichlorophenol	ND		ug/Kg	250	38	1	286012	03/22/22	03/22/22	HQN
2-Chloronaphthalene	ND		ug/Kg	250	51	1	286012	03/22/22	03/22/22	HQN
2-Nitroaniline	ND		ug/Kg	250	57	1	286012	03/22/22	03/22/22	HQN
Dimethylphthalate	ND		ug/Kg	250	53	1	286012	03/22/22	03/22/22	HQN
Acenaphthylene	ND		ug/Kg	250	46	1	286012	03/22/22	03/22/22	HQN
2,6-Dinitrotoluene	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
3-Nitroaniline	ND		ug/Kg	250	53	1	286012	03/22/22	03/22/22	HQN
Acenaphthene	ND		ug/Kg	250	44	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrophenol	ND		ug/Kg	1,200	51	1	286012	03/22/22	03/22/22	HQN
4-Nitrophenol	ND		ug/Kg	250	170	1	286012	03/22/22	03/22/22	HQN
Dibenzofuran	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
2,4-Dinitrotoluene	ND		ug/Kg	250	46	1	286012	03/22/22	03/22/22	HQN
Diethylphthalate	ND		ug/Kg	250	51	1	286012	03/22/22	03/22/22	HQN
Fluorene	ND		ug/Kg	250	49	1	286012	03/22/22	03/22/22	HQN
4-Chlorophenyl-phenylether	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
4-Nitroaniline	ND		ug/Kg	250	84	1	286012	03/22/22	03/22/22	HQN
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	37	1	286012	03/22/22	03/22/22	HQN
N-Nitrosodiphenylamine	ND		ug/Kg	250	55	1	286012	03/22/22	03/22/22	HQN
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	51	1	286012	03/22/22	03/22/22	HQN
4-Bromophenyl-phenylether	ND		ug/Kg	250	56	1	286012	03/22/22	03/22/22	HQN
Hexachlorobenzene	ND		ug/Kg	250	43	1	286012	03/22/22	03/22/22	HQN
Pentachlorophenol	ND		ug/Kg	1,200	48	1	286012	03/22/22	03/22/22	HQN
Phenanthrene	ND		ug/Kg	250	47	1	286012	03/22/22	03/22/22	HQN
Anthracene	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
Di-n-butylphthalate	ND		ug/Kg	250	59	1	286012	03/22/22	03/22/22	HQN
Fluoranthene	ND		ug/Kg	250	50	1	286012	03/22/22	03/22/22	HQN
Benzidine	ND		ug/Kg	1,200	200	1	286012	03/22/22	03/22/22	HQN
Pyrene	ND		ug/Kg	250	55	1	286012	03/22/22	03/22/22	HQN
Butylbenzylphthalate	ND		ug/Kg	250	53	1	286012	03/22/22	03/22/22	HQN
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	160	1	286012	03/22/22	03/22/22	HQN
Benzo(a)anthracene	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
Chrysene	ND		ug/Kg	250	42	1	286012	03/22/22	03/22/22	HQN
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	72	1	286012	03/22/22	03/22/22	HQN
Di-n-octylphthalate	ND		ug/Kg	250	59	1	286012	03/22/22	03/22/22	HQN
Benzo(b)fluoranthene	ND		ug/Kg	250	52	1	286012	03/22/22	03/22/22	HQN
Benzo(k)fluoranthene	ND		ug/Kg	250	40	1	286012	03/22/22	03/22/22	HQN
Benzo(a)pyrene	ND		ug/Kg	250	33	1	286012	03/22/22	03/22/22	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	86	1	286012	03/22/22	03/22/22	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	250	28	1	286012	03/22/22	03/22/22	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	250	41	1	286012	03/22/22	03/22/22	HQN
Surrogates				**Limits**						
2-Fluorophenol	85%		%REC	29-120		1	286012	03/22/22	03/22/22	HQN
Phenol-d6	91%		%REC	30-120		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2,4,6-Tribromophenol	89%		%REC	32-120		1	286012	03/22/22	03/22/22	HQN
Nitrobenzene-d5	89%		%REC	33-120		1	286012	03/22/22	03/22/22	HQN
2-Fluorobiphenyl	81%		%REC	39-120		1	286012	03/22/22	03/22/22	HQN
Terphenyl-d14	84%		%REC	44-125		1	286012	03/22/22	03/22/22	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: GW-01	Lab ID: 459968-016	Collected: 03/18/22 13:05
	Matrix: Water	

459968-016 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C										
TPH (C6-C10) (SGCU)	ND		mg/L	0.40	0.20	4	286135	03/23/22	03/29/22	MES
TPH (C10-C24) (SGCU)	**0.26**	J	mg/L	0.40	0.20	4	286135	03/23/22	03/29/22	MES
TPH (C24-C36) (SGCU)	**0.67**	B,J	mg/L	1.2	0.20	4	286135	03/23/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	117%		%REC	25-125		4	286135	03/23/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
Chloromethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Bromomethane	ND		ug/L	1.0	0.2	1	286084	03/23/22	03/23/22	TCN
Chloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Trichlorofluoromethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Acetone	ND		ug/L	25	17	1	286084	03/23/22	03/23/22	TCN
Freon 113	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Methylene Chloride	ND		ug/L	5.0	0.5	1	286084	03/23/22	03/23/22	TCN
MTBE	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
2-Butanone	**1.1**	J	ug/L	5.0	0.6	1	286084	03/23/22	03/23/22	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
2,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Chloroform	ND		ug/L	0.5	0.3	1	286084	03/23/22	03/23/22	TCN
Bromochloromethane	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,1-Dichloropropene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Benzene	**0.2**	J	ug/L	0.5	0.08	1	286084	03/23/22	03/23/22	TCN
Trichloroethene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Bromodichloromethane	ND		ug/L	0.5	0.05	1	286084	03/23/22	03/23/22	TCN
Dibromomethane	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.3	1	286084	03/23/22	03/23/22	TCN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	1	286084	03/23/22	03/23/22	TCN
Toluene	**0.2**	J	ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-016 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Tetrachloroethene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
Dibromochloromethane	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,2-Dibromoethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Chlorobenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Ethylbenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
m,p-Xylenes	ND		ug/L	1.0	0.2	1	286084	03/23/22	03/23/22	TCN
o-Xylene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Styrene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Bromoform	ND		ug/L	1.0	0.08	1	286084	03/23/22	03/23/22	TCN
Propylbenzene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
Isopropylbenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.08	1	286084	03/23/22	03/23/22	TCN
Bromobenzene	ND		ug/L	1.0	0.09	1	286084	03/23/22	03/23/22	TCN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
2-Chlorotoluene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
tert-Butylbenzene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	1	286084	03/23/22	03/23/22	TCN
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
n-Butylbenzene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.08	1	286084	03/23/22	03/23/22	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.1	1	286084	03/23/22	03/23/22	TCN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	286084	03/23/22	03/23/22	TCN
Naphthalene	ND		ug/L	0.5	0.1	1	286084	03/23/22	03/23/22	TCN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	1	286084	03/23/22	03/23/22	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.6	1	286084	03/23/22	03/23/22	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.2	1	286084	03/23/22	03/23/22	TCN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	1	286084	03/23/22	03/23/22	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.08	1	286084	03/23/22	03/23/22	TCN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1.6	1	286084	03/23/22	03/23/22	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	1	286084	03/23/22	03/23/22	TCN
Xylene (total)	ND		ug/L	0.5		1	286084	03/23/22	03/23/22	TCN
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-140	1.0	1	286084	03/23/22	03/23/22	TCN
1,2-Dichloroethane-d4	105%		%REC	70-140		1	286084	03/23/22	03/23/22	TCN
Toluene-d8	98%		%REC	70-140		1	286084	03/23/22	03/23/22	TCN
Bromofluorobenzene	100%		%REC	70-140		1	286084	03/23/22	03/23/22	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: GW-02	Lab ID: 459968-017	Collected: 03/18/22 12:55
	Matrix: Water	

459968-017 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C										
TPH (C6-C10) (SGCU)	ND		mg/L	0.40	0.20	4	286135	03/23/22	03/29/22	MES
TPH (C10-C24) (SGCU)	ND		mg/L	0.40	0.20	4	286135	03/23/22	03/29/22	MES
TPH (C24-C36) (SGCU)	ND		mg/L	1.2	0.20	4	286135	03/23/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	77%		%REC	25-125		4	286135	03/23/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Acetone	ND		ug/L	25	17	1	286078	03/23/22	03/23/22	RAO
Freon 113	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Methylene Chloride	ND		ug/L	5.0	0.5	1	286078	03/23/22	03/23/22	RAO
MTBE	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2-Butanone	ND		ug/L	5.0	0.6	1	286078	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Chloroform	ND		ug/L	0.5	0.3	1	286078	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Benzene	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/L	0.5	0.05	1	286078	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.3	1	286078	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	1	286078	03/23/22	03/23/22	RAO
Toluene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-017 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Tetrachloroethene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Ethylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
m,p-Xylenes	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
o-Xylene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Styrene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromoform	ND		ug/L	1.0	0.08	1	286078	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/L	1.0	0.09	1	286078	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	1	286078	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.1	1	286078	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.6	1	286078	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	1	286078	03/23/22	03/23/22	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1.6	1	286078	03/23/22	03/23/22	RAO
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	1	286078	03/23/22	03/23/22	RAO
Xylene (total)	ND		ug/L	0.5		1	286078	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-140	1.0	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	104%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO
Toluene-d8	98%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO
Bromofluorobenzene	98%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID: GW-03	Lab ID: 459968-018	Collected: 03/18/22 13:10
	Matrix: Water	

459968-018 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B Prep Method: EPA 3510C										
TPH (C6-C10) (SGCU)	ND		mg/L	2.0	0.78	20	286135	03/23/22	03/29/22	MES
TPH (C10-C24) (SGCU)	**2.7**		mg/L	2.0	0.78	20	286135	03/23/22	03/29/22	MES
TPH (C24-C36) (SGCU)	**8.3**		mg/L	6.0	0.78	20	286135	03/23/22	03/29/22	MES
Surrogates				**Limits**						
n-Triacontane (SGCU)	80%		%REC	25-125		20	286135	03/23/22	03/29/22	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Chloromethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Vinyl Chloride	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromomethane	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Chloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Trichlorofluoromethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Acetone	ND		ug/L	25	17	1	286078	03/23/22	03/23/22	RAO
Freon 113	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Methylene Chloride	ND		ug/L	5.0	0.5	1	286078	03/23/22	03/23/22	RAO
MTBE	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2-Butanone	**6.8**		ug/L	5.0	0.6	1	286078	03/23/22	03/23/22	RAO
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Chloroform	ND		ug/L	0.5	0.3	1	286078	03/23/22	03/23/22	RAO
Bromochloromethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1-Dichloropropene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Benzene	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
Trichloroethene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromodichloromethane	ND		ug/L	0.5	0.05	1	286078	03/23/22	03/23/22	RAO
Dibromomethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.3	1	286078	03/23/22	03/23/22	RAO
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	1	286078	03/23/22	03/23/22	RAO
Toluene	**0.2**	J	ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-018 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Tetrachloroethene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Dibromochloromethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2-Dibromoethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Chlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Ethylbenzene	**0.2**	J	ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
m,p-Xylenes	**0.9**	J	ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
o-Xylene	**0.4**	J	ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Styrene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Bromoform	ND		ug/L	1.0	0.08	1	286078	03/23/22	03/23/22	RAO
Propylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
Isopropylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2,3-Trichloropropane	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
Bromobenzene	ND		ug/L	1.0	0.09	1	286078	03/23/22	03/23/22	RAO
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
2-Chlorotoluene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
tert-Butylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	1	286078	03/23/22	03/23/22	RAO
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
n-Butylbenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
1,2-Dichlorobenzene	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.1	1	286078	03/23/22	03/23/22	RAO
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Naphthalene	ND		ug/L	0.5	0.1	1	286078	03/23/22	03/23/22	RAO
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	1	286078	03/23/22	03/23/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.6	1	286078	03/23/22	03/23/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.2	1	286078	03/23/22	03/23/22	RAO
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	1	286078	03/23/22	03/23/22	RAO
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.08	1	286078	03/23/22	03/23/22	RAO
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1.6	1	286078	03/23/22	03/23/22	RAO
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	1	286078	03/23/22	03/23/22	RAO
Xylene (total)	**1.3**	J	ug/L	0.5		1	286078	03/23/22	03/23/22	RAO
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-140	1.0	1	286078	03/23/22	03/23/22	RAO
1,2-Dichloroethane-d4	109%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO
Toluene-d8	97%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO
Bromofluorobenzene	99%		%REC	70-140		1	286078	03/23/22	03/23/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

Sample ID:	Lab ID: 459968-019	Collected: 03/18/22
COMPOSITE (SB-1 THRU SB-6)		

459968-019 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A											
Chromium	**0.0032**	B,J	mg/L	0.030	0.00076	TCLP Leachate	1	287265	04/12/22	04/12/22	KLN
Lead	**0.0045**	B,J	mg/L	0.015	0.0011	TCLP Leachate	1	287265	04/12/22	04/12/22	KLN
Method: EPA 6010B Prep Method: EPA 3050B											
Antimony	ND		mg/Kg	3.2	1.7	Soil	1.1	286636	03/31/22	04/04/22	KLN
Arsenic	**13**		mg/Kg	1.1	0.72	Soil	1.1	286636	03/31/22	04/04/22	KLN
Barium	**200**		mg/Kg	1.1	0.11	Soil	1.1	286636	03/31/22	04/04/22	KLN
Beryllium	**0.17**	J	mg/Kg	0.54	0.12	Soil	1.1	286636	03/31/22	04/07/22	KLN
Cadmium	ND		mg/Kg	0.54	0.081	Soil	1.1	286636	03/31/22	04/04/22	KLN
Chromium	**60**		mg/Kg	1.1	0.23	Soil	1.1	286636	03/31/22	04/04/22	KLN
Cobalt	**13**		mg/Kg	0.54	0.073	Soil	1.1	286636	03/31/22	04/04/22	KLN
Copper	**31**		mg/Kg	1.1	0.65	Soil	1.1	286636	03/31/22	04/04/22	KLN
Lead	**150**		mg/Kg	1.1	0.90	Soil	1.1	286636	03/31/22	04/04/22	KLN
Molybdenum	ND		mg/Kg	1.1	0.63	Soil	1.1	286636	03/31/22	04/04/22	KLN
Nickel	**80**		mg/Kg	1.1	0.28	Soil	1.1	286636	03/31/22	04/04/22	KLN
Selenium	**0.62**	J	mg/Kg	3.2	0.43	Soil	1.1	286636	03/31/22	04/04/22	KLN
Silver	ND		mg/Kg	0.54	0.17	Soil	1.1	286636	03/31/22	04/07/22	KLN
Thallium	**1.3**	J	mg/Kg	3.2	0.62	Soil	1.1	286636	03/31/22	04/04/22	KLN
Vanadium	**40**		mg/Kg	1.1	0.46	Soil	1.1	286636	03/31/22	04/04/22	KLN
Zinc	**170**		mg/Kg	5.4	0.81	Soil	1.1	286636	03/31/22	04/04/22	KLN
Method: EPA 6010B Prep Method: WET											
Chromium	**0.018**	J	mg/L	0.30	0.0076	WET Leachate	10	287207	04/11/22	04/12/22	KLN
Lead	**0.22**		mg/L	0.15	0.011	WET Leachate	10	287207	04/11/22	04/12/22	KLN
Method: EPA 7471A Prep Method: METHOD											
Mercury	**0.11**	J	mg/Kg	0.17	0.047	Soil	1.2	286647	03/31/22	03/31/22	KLN
Method: EPA 8015M Prep Method: EPA 3580											
GRO C6-C10 (SGCU)	ND		mg/Kg	10		Soil	1	286627	03/31/22	03/31/22	MES
DRO C10-C28 (SGCU)	**3.6**	B,J	mg/Kg	10	1.5	Soil	1	286627	03/31/22	03/31/22	MES
ORO C28-C44 (SGCU)	**4.1**	J	mg/Kg	20	1.5	Soil	1	286627	03/31/22	03/31/22	MES
Surrogates				**Limits**							
n-Triacontane (SGCU)	73%		%REC	29-132		Soil	1	286627	03/31/22	03/31/22	MES
Method: EPA 8260B Prep Method: EPA 5030B											

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-019 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
3-Chloropropene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
Freon 12	ND		ug/Kg	5.0	1.8	Soil	1	286552	03/31/22	03/31/22	RAO
Chloromethane	ND		ug/Kg	5.0	1.6	Soil	1	286552	03/31/22	03/31/22	RAO
Vinyl Chloride	ND		ug/Kg	5.0	1.6	Soil	1	286552	03/31/22	03/31/22	RAO
Bromomethane	ND		ug/Kg	5.0	1.4	Soil	1	286552	03/31/22	03/31/22	RAO
Chloroethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Trichlorofluoromethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Acetone	**26**	J	ug/Kg	100	25	Soil	1	286552	03/31/22	03/31/22	RAO
Freon 113	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
Methylene Chloride	**61**		ug/Kg	5.0	0.7	Soil	1	286552	03/31/22	03/31/22	RAO
MTBE	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
1,1-Dichloroethane	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
2-Butanone	ND		ug/Kg	100	3.0	Soil	1	286552	03/31/22	03/31/22	RAO
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
2,2-Dichloropropane	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
Chloroform	ND		ug/Kg	5.0	1.3	Soil	1	286552	03/31/22	03/31/22	RAO
Bromochloromethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
Carbon Tetrachloride	ND		ug/Kg	5.0	0.6	Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dichloroethane	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
Benzene	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Trichloroethene	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dichloropropane	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
Bromodichloromethane	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
Dibromomethane	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	3.1	Soil	1	286552	03/31/22	03/31/22	RAO
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
Toluene	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
1,3-Dichloropropane	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
Tetrachloroethene	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Dibromochloromethane	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dibromoethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Chlorobenzene	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
Ethylbenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
m,p-Xylenes	ND		ug/Kg	10	1.9	Soil	1	286552	03/31/22	03/31/22	RAO
o-Xylene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
Styrene	ND		ug/Kg	5.0	1.4	Soil	1	286552	03/31/22	03/31/22	RAO
Bromoform	ND		ug/Kg	5.0	0.5	Soil	1	286552	03/31/22	03/31/22	RAO
Isopropylbenzene	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 459968

459968-019 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
Propylbenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
Bromobenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
2-Chlorotoluene	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
sec-Butylbenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
para-Isopropyl Toluene	ND		ug/Kg	5.0	1.0	Soil	1	286552	03/31/22	03/31/22	RAO
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.9	Soil	1	286552	03/31/22	03/31/22	RAO
n-Butylbenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1.1	Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.7	Soil	1	286552	03/31/22	03/31/22	RAO
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	Soil	1	286552	03/31/22	03/31/22	RAO
Hexachlorobutadiene	ND		ug/Kg	5.0	1.3	Soil	1	286552	03/31/22	03/31/22	RAO
Naphthalene	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.2	Soil	1	286552	03/31/22	03/31/22	RAO
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.8	Soil	1	286552	03/31/22	03/31/22	RAO
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.3	Soil	1	286552	03/31/22	03/31/22	RAO
Xylene (total)	ND		ug/Kg	5.0		Soil	1	286552	03/31/22	03/31/22	RAO
Surrogates				**Limits**							
Dibromofluoromethane	102%		%REC	70-145		Soil	1	286552	03/31/22	03/31/22	RAO
1,2-Dichloroethane-d4	106%		%REC	70-145		Soil	1	286552	03/31/22	03/31/22	RAO
Toluene-d8	100%		%REC	70-145		Soil	1	286552	03/31/22	03/31/22	RAO
Bromofluorobenzene	98%		%REC	70-145		Soil	1	286552	03/31/22	03/31/22	RAO

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected
SGCU Silica gel cleanup

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC983137	**Batch:** 287265
Matrix: TCLP Leachate	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC983137 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	0.0015	J	mg/L	0.030	0.00076	04/12/22	04/12/22
Lead	0.0013	J	mg/L	0.015	0.0011	04/12/22	04/12/22

Type: Lab Control Sample	**Lab ID:** QC983138	**Batch:** 287265
Matrix: TCLP Leachate	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC983138 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	2.142	2.000	mg/L	107%		80-120
Lead	2.057	2.000	mg/L	103%		80-120

Type: Matrix Spike	**Lab ID:** QC983139	**Batch:** 287265
Matrix (Source ID): TCLP Leachate (459968-019)	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC983139 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chromium	2.125	0.003240	2.000	mg/L	106%		75-125	1
Lead	2.046	0.004549	2.000	mg/L	102%		75-125	1

Type: Matrix Spike Duplicate	**Lab ID:** QC983140	**Batch:** 287265
Matrix (Source ID): TCLP Leachate (459968-019)	**Method:** EPA 6010B	**Prep Method:** EPA 3010A

QC983140 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chromium	2.125	0.003240	2.000	mg/L	106%		75-125	0	20	1
Lead	2.048	0.004549	2.000	mg/L	102%		75-125	0	20	1

Type: Blank	**Lab ID:** QC982905	**Batch:** 287207
Matrix: WET Leachate	**Method:** EPA 6010B	**Prep Method:** WET

QC982905 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		mg/L	0.30	0.0076	04/11/22	04/12/22
Lead	ND		mg/L	0.15	0.011	04/11/22	04/12/22

Type: Lab Control Sample	**Lab ID:** QC982906	**Batch:** 287207
Matrix: WET Leachate	**Method:** EPA 6010B	**Prep Method:** WET

QC982906 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	4.367	4.000	mg/L	109%		80-120
Lead	4.222	4.000	mg/L	106%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC982907**	**Batch:**	**287207**
Matrix:	**WET Leachate**	**Method:**	**EPA 6010B**	**Prep Method:**	**WET**

QC982907 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Chromium	4.180	4.000	mg/L	104%		80-120	4	20
Lead	4.054	4.000	mg/L	101%		80-120	4	20

Type:	**Blank**	**Lab ID:**	**QC979174**	**Batch:**	**286111**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC979174 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	1.6	03/23/22	03/24/22
Arsenic	ND		mg/Kg	1.0	0.67	03/23/22	03/24/22
Barium	ND		mg/Kg	1.0	0.10	03/23/22	03/24/22
Beryllium	ND		mg/Kg	0.50	0.11	03/23/22	03/24/22
Cadmium	ND		mg/Kg	0.50	0.075	03/23/22	03/24/22
Chromium	ND		mg/Kg	1.0	0.21	03/23/22	03/24/22
Cobalt	ND		mg/Kg	0.50	0.068	03/23/22	03/24/22
Copper	ND		mg/Kg	1.0	0.60	03/23/22	03/24/22
Lead	ND		mg/Kg	1.0	0.84	03/23/22	03/24/22
Molybdenum	ND		mg/Kg	1.0	0.59	03/23/22	03/24/22
Nickel	ND		mg/Kg	1.0	0.26	03/23/22	03/24/22
Selenium	ND		mg/Kg	3.0	0.40	03/23/22	03/24/22
Silver	ND		mg/Kg	0.50	0.16	03/23/22	03/24/22
Thallium	ND		mg/Kg	3.0	0.58	03/23/22	03/24/22
Vanadium	ND		mg/Kg	1.0	0.43	03/23/22	03/24/22
Zinc	ND		mg/Kg	5.0	0.75	03/23/22	03/24/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC979175	Batch: 286111
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC979175 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	103.1	100.0	mg/Kg	103%		80-120
Arsenic	100.4	100.0	mg/Kg	100%		80-120
Barium	112.2	100.0	mg/Kg	112%		80-120
Beryllium	97.32	100.0	mg/Kg	97%		80-120
Cadmium	107.0	100.0	mg/Kg	107%		80-120
Chromium	105.8	100.0	mg/Kg	106%		80-120
Cobalt	109.1	100.0	mg/Kg	109%		80-120
Copper	96.68	100.0	mg/Kg	97%		80-120
Lead	104.6	100.0	mg/Kg	105%		80-120
Molybdenum	109.2	100.0	mg/Kg	109%		80-120
Nickel	107.3	100.0	mg/Kg	107%		80-120
Selenium	92.66	100.0	mg/Kg	93%		80-120
Silver	47.04	50.00	mg/Kg	94%		80-120
Thallium	113.1	100.0	mg/Kg	113%		80-120
Vanadium	96.14	100.0	mg/Kg	96%		80-120
Zinc	108.8	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC979176	Batch: 286111
Matrix (Source ID): Soil (459968-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC979176 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	32.30	ND	103.1	mg/Kg	31%	*	75-125	1
Arsenic	118.4	12.57	103.1	mg/Kg	103%		75-125	1
Barium	306.6	189.7	103.1	mg/Kg	113%		75-125	1
Beryllium	100.7	0.2402	103.1	mg/Kg	97%		75-125	1
Cadmium	111.6	ND	103.1	mg/Kg	108%		75-125	1
Chromium	165.5	55.37	103.1	mg/Kg	107%		75-125	1
Cobalt	118.7	12.32	103.1	mg/Kg	103%		75-125	1
Copper	133.8	30.94	103.1	mg/Kg	100%		75-125	1
Lead	199.4	103.4	103.1	mg/Kg	93%		75-125	1
Molybdenum	108.1	ND	103.1	mg/Kg	105%		75-125	1
Nickel	186.5	81.51	103.1	mg/Kg	102%		75-125	1
Selenium	95.43	ND	103.1	mg/Kg	93%		75-125	1
Silver	48.36	ND	51.55	mg/Kg	94%		75-125	1
Thallium	109.5	ND	103.1	mg/Kg	106%		75-125	1
Vanadium	141.8	34.93	103.1	mg/Kg	104%		75-125	1
Zinc	230.9	115.8	103.1	mg/Kg	112%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC979177**	**Batch:**	**286111**
Matrix (Source ID):	**Soil (459968-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC979177 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	28.96	ND	99.01	mg/Kg	29%	*	75-125	7	41	0.99
Arsenic	117.3	12.57	99.01	mg/Kg	106%		75-125	3	35	0.99
Barium	371.3	189.7	99.01	mg/Kg	183%	*	75-125	20	20	0.99
Beryllium	96.02	0.2402	99.01	mg/Kg	97%		75-125	1	20	0.99
Cadmium	106.9	ND	99.01	mg/Kg	108%		75-125	0	20	0.99
Chromium	168.0	55.37	99.01	mg/Kg	114%		75-125	4	20	0.99
Cobalt	114.9	12.32	99.01	mg/Kg	104%		75-125	0	20	0.99
Copper	135.8	30.94	99.01	mg/Kg	106%		75-125	5	20	0.99
Lead	282.4	103.4	99.01	mg/Kg	181%	*	75-125	36*	20	0.99
Molybdenum	102.3	ND	99.01	mg/Kg	103%		75-125	1	20	0.99
Nickel	187.5	81.51	99.01	mg/Kg	107%		75-125	3	20	0.99
Selenium	91.15	ND	99.01	mg/Kg	92%		75-125	1	20	0.99
Silver	46.37	ND	49.50	mg/Kg	94%		75-125	0	20	0.99
Thallium	103.7	ND	99.01	mg/Kg	105%		75-125	1	20	0.99
Vanadium	142.4	34.93	99.01	mg/Kg	109%		75-125	3	20	0.99
Zinc	282.7	115.8	99.01	mg/Kg	169%	*	75-125	22*	20	0.99

Type:	**Blank**	**Lab ID:**	**QC980778**	**Batch:**	**286636**
Matrix:	**Miscell.**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC980778 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	1.6	03/31/22	04/04/22
Arsenic	ND		mg/Kg	1.0	0.67	03/31/22	04/04/22
Barium	ND		mg/Kg	1.0	0.10	03/31/22	04/04/22
Beryllium	ND		mg/Kg	0.50	0.11	03/31/22	04/07/22
Cadmium	ND		mg/Kg	0.50	0.075	03/31/22	04/04/22
Chromium	ND		mg/Kg	1.0	0.21	03/31/22	04/04/22
Cobalt	ND		mg/Kg	0.50	0.068	03/31/22	04/04/22
Copper	ND		mg/Kg	1.0	0.60	03/31/22	04/04/22
Lead	ND		mg/Kg	1.0	0.84	03/31/22	04/04/22
Molybdenum	ND		mg/Kg	1.0	0.59	03/31/22	04/04/22
Nickel	ND		mg/Kg	1.0	0.26	03/31/22	04/04/22
Selenium	ND		mg/Kg	3.0	0.40	03/31/22	04/04/22
Silver	ND		mg/Kg	0.50	0.16	03/31/22	04/07/22
Thallium	ND		mg/Kg	3.0	0.58	03/31/22	04/04/22
Vanadium	ND		mg/Kg	1.0	0.43	03/31/22	04/04/22
Zinc	ND		mg/Kg	5.0	0.75	03/31/22	04/04/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC980779	Batch: 286636
Matrix: Miscell.	Method: EPA 6010B	Prep Method: EPA 3050B

QC980779 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	91.26	100.0	mg/Kg	91%		80-120
Arsenic	93.54	100.0	mg/Kg	94%		80-120
Barium	94.68	100.0	mg/Kg	95%		80-120
Beryllium	92.98	100.0	mg/Kg	93%		80-120
Cadmium	93.89	100.0	mg/Kg	94%		80-120
Chromium	98.47	100.0	mg/Kg	98%		80-120
Cobalt	98.60	100.0	mg/Kg	99%		80-120
Copper	89.13	100.0	mg/Kg	89%		80-120
Lead	101.5	100.0	mg/Kg	101%		80-120
Molybdenum	96.84	100.0	mg/Kg	97%		80-120
Nickel	98.84	100.0	mg/Kg	99%		80-120
Selenium	78.68	100.0	mg/Kg	79%	*	80-120
Silver	47.56	50.00	mg/Kg	95%		80-120
Thallium	95.65	100.0	mg/Kg	96%		80-120
Vanadium	96.81	100.0	mg/Kg	97%		80-120
Zinc	101.4	100.0	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC980780	Batch: 286636
Matrix (Source ID): Soil (459968-019)	Method: EPA 6010B	Prep Method: EPA 3050B

QC980780 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	32.10	ND	105.3	mg/Kg	30%	*	75-125	1.1
Arsenic	112.9	12.97	105.3	mg/Kg	95%		75-125	1.1
Barium	295.6	203.6	105.3	mg/Kg	87%		75-125	1.1
Beryllium	100.4	0.1692	105.3	mg/Kg	95%		75-125	1.1
Cadmium	102.9	ND	105.3	mg/Kg	98%		75-125	1.1
Chromium	169.0	60.18	105.3	mg/Kg	103%		75-125	1.1
Cobalt	114.4	13.16	105.3	mg/Kg	96%		75-125	1.1
Copper	130.2	30.76	105.3	mg/Kg	94%		75-125	1.1
Lead	140.3	147.3	105.3	mg/Kg	-7%	*	75-125	1.1
Molybdenum	97.96	ND	105.3	mg/Kg	93%		75-125	1.1
Nickel	191.5	80.40	105.3	mg/Kg	106%		75-125	1.1
Selenium	87.81	0.6175	105.3	mg/Kg	83%		75-125	1.1
Silver	52.42	ND	52.63	mg/Kg	100%		75-125	1.1
Thallium	104.2	1.306	105.3	mg/Kg	98%		75-125	1.1
Vanadium	150.2	39.51	105.3	mg/Kg	105%		75-125	1.1
Zinc	190.5	172.9	105.3	mg/Kg	17%	*	75-125	1.1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC980781	Batch:	286636
Matrix (Source ID):	Soil (459968-019)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC980781 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	46.82	ND	108.7	mg/Kg	43%	*	75-125	34	41	1.1
Arsenic	114.1	12.97	108.7	mg/Kg	93%		75-125	2	35	1.1
Barium	260.7	203.6	108.7	mg/Kg	53%	*	75-125	14	20	1.1
Beryllium	104.0	0.1692	108.7	mg/Kg	96%		75-125	0	20	1.1
Cadmium	107.9	ND	108.7	mg/Kg	99%		75-125	2	20	1.1
Chromium	165.9	60.18	108.7	mg/Kg	97%		75-125	4	20	1.1
Cobalt	119.8	13.16	108.7	mg/Kg	98%		75-125	2	20	1.1
Copper	137.4	30.76	108.7	mg/Kg	98%		75-125	3	20	1.1
Lead	143.7	147.3	108.7	mg/Kg	-3%	*	75-125	1	20	1.1
Molybdenum	106.7	ND	108.7	mg/Kg	98%		75-125	5	20	1.1
Nickel	187.4	80.40	108.7	mg/Kg	98%		75-125	4	20	1.1
Selenium	88.64	0.6175	108.7	mg/Kg	81%		75-125	2	20	1.1
Silver	55.09	ND	54.35	mg/Kg	101%		75-125	2	20	1.1
Thallium	107.9	1.306	108.7	mg/Kg	98%		75-125	0	20	1.1
Vanadium	160.2	39.51	108.7	mg/Kg	111%		75-125	4	20	1.1
Zinc	188.8	172.9	108.7	mg/Kg	15%	*	75-125	2	20	1.1

Type:	Blank	Lab ID:	QC979285	Batch:	286143
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC979285 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.039	03/23/22	03/23/22

Type:	Lab Control Sample	Lab ID:	QC979286	Batch:	286143
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC979286 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8625	0.8333	mg/Kg	103%		80-120

Type:	Matrix Spike	Lab ID:	QC979287	Batch:	286143
Matrix (Source ID):	Soil (459968-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC979287 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.242	0.3215	0.9259	mg/Kg	99%		75-125	1.1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC979288	Batch:	286143
Matrix (Source ID):	Soil (459968-001)	Method:	EPA 7471A	Prep Method:	METHOD

QC979288 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.241	0.3215	1.000	mg/Kg	92%		75-125	6	20	1.2

Type:	Blank	Lab ID:	QC980832	Batch:	286647
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC980832 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.039	03/31/22	03/31/22

Type:	Lab Control Sample	Lab ID:	QC980833	Batch:	286647
Matrix:	Soil	Method:	EPA 7471A	Prep Method:	METHOD

QC980833 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8615	0.8333	mg/Kg	103%		80-120

Type:	Matrix Spike	Lab ID:	QC980834	Batch:	286647
Matrix (Source ID):	Soil (459968-019)	Method:	EPA 7471A	Prep Method:	METHOD

QC980834 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.064	0.1081	0.9434	mg/Kg	101%		75-125	1.1

Type:	Matrix Spike Duplicate	Lab ID:	QC980835	Batch:	286647
Matrix (Source ID):	Soil (459968-019)	Method:	EPA 7471A	Prep Method:	METHOD

QC980835 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.036	0.1081	0.9615	mg/Kg	96%		75-125	4	20	1.2

Type:	Blank	Lab ID:	QC979250	Batch:	286135
Matrix:	Water	Method:	EPA 8015B	Prep Method:	EPA 3510C

QC979250 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
TPH (C6-C10) (SGCU)	ND		mg/L	0.10	0.039	03/23/22	03/29/22
TPH (C10-C24) (SGCU)	ND		mg/L	0.10	0.039	03/23/22	03/29/22
TPH (C24-C36) (SGCU)	0.070	J	mg/L	0.30	0.039	03/23/22	03/29/22
Surrogates				**Limits**			
n-Triacontane (SGCU)	61%		%REC	25-125		03/23/22	03/29/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC979251	Batch: 286135
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC979251 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28 (SGCU)	0.2907	1.000	mg/L	29%	*	30-130
Surrogates						
n-Triacontane (SGCU)	0.01117	0.02000	mg/L	56%		25-125

Type: Lab Control Sample Duplicate	Lab ID: QC979252	Batch: 286135
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC979252 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Diesel C10-C28 (SGCU)	0.2582	1.000	mg/L	26%	*	30-130	12	40
Surrogates								
n-Triacontane (SGCU)	0.008473	0.02000	mg/L	42%		25-125		

Type: Blank	Lab ID: QC979544	Batch: 286198
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC979544 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C10 (SGCU)	ND		mg/Kg	10		03/24/22	03/25/22
DRO C10-C28 (SGCU)	1.7	J	mg/Kg	10	1.6	03/24/22	03/25/22
ORO C28-C44 (SGCU)	5.0	J	mg/Kg	20	1.6	03/24/22	03/25/22
Surrogates				**Limits**			
n-Triacontane (SGCU)	79%		%REC	29-132		03/24/22	03/25/22

Type: Lab Control Sample	Lab ID: QC979545	Batch: 286198
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC979545 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28 (SGCU)	184.8	250.0	mg/Kg	74%		23-130
Surrogates						
n-Triacontane (SGCU)	7.085	10.00	mg/Kg	71%		29-132

Type: Matrix Spike	Lab ID: QC979566	Batch: 286198
Matrix (Source ID): Soil (460018-001)	Method: EPA 8015M	Prep Method: EPA 3580

QC979566 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28 (SGCU)	190.1	20.00	250.0	mg/Kg	68%		23-130	1
Surrogates								
n-Triacontane (SGCU)	7.259		10.00	mg/Kg	73%		29-132	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC979567**	**Batch:**	**286198**
Matrix (Source ID):	**Soil (460018-001)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC979567 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28 (SGCU)	197.5	20.00	250.0	mg/Kg	71%		23-130	4	35	1
Surrogates										
n-Triacontane (SGCU)	7.054		10.00	mg/Kg	71%		29-132			1

Type:	**Blank**	**Lab ID:**	**QC980765**	**Batch:**	**286627**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC980765 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C10 (SGCU)	ND		mg/Kg	10		03/31/22	03/31/22
DRO C10-C28 (SGCU)	2.2	J	mg/Kg	10	1.5	03/31/22	03/31/22
ORO C28-C44 (SGCU)	ND		mg/Kg	20	1.5	03/31/22	03/31/22
Surrogates				**Limits**			
n-Triacontane (SGCU)	72%		%REC	29-132		03/31/22	03/31/22

Type:	**Lab Control Sample**	**Lab ID:**	**QC980766**	**Batch:**	**286627**
Matrix:	**Soil**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC980766 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28 (SGCU)	174.2	250.0	mg/Kg	70%		23-130
Surrogates						
n-Triacontane (SGCU)	8.439	10.00	mg/Kg	84%		29-132

Type:	**Matrix Spike**	**Lab ID:**	**QC980767**	**Batch:**	**286627**
Matrix (Source ID):	**Soil (459968-019)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC980767 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28 (SGCU)	167.5	3.574	250.0	mg/Kg	66%		23-130	1
Surrogates								
n-Triacontane (SGCU)	7.300		10.00	mg/Kg	73%		29-132	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC980768**	**Batch:**	**286627**
Matrix (Source ID):	**Soil (459968-019)**	**Method:**	**EPA 8015M**	**Prep Method:**	**EPA 3580**

QC980768 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28 (SGCU)	153.3	3.574	250.0	mg/Kg	60%		23-130	9	35	1
Surrogates										
n-Triacontane (SGCU)	6.754		10.00	mg/Kg	68%		29-132			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC979053	**Batch:** 286078
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC979053 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	03/22/22	03/22/22
Chloromethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Vinyl Chloride	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Bromomethane	ND		ug/L	1.0	0.2	03/22/22	03/22/22
Chloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Trichlorofluoromethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Acetone	ND		ug/L	25	17	03/22/22	03/22/22
Freon 113	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,1-Dichloroethene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Methylene Chloride	0.6	J	ug/L	5.0	0.5	03/22/22	03/22/22
MTBE	ND		ug/L	0.5	0.1	03/22/22	03/22/22
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,1-Dichloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
2-Butanone	ND		ug/L	5.0	0.6	03/22/22	03/22/22
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
2,2-Dichloropropane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Chloroform	ND		ug/L	0.5	0.3	03/22/22	03/22/22
Bromochloromethane	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,1-Dichloropropene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
Carbon Tetrachloride	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,2-Dichloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Benzene	ND		ug/L	0.5	0.08	03/22/22	03/22/22
Trichloroethene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,2-Dichloropropane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Bromodichloromethane	ND		ug/L	0.5	0.05	03/22/22	03/22/22
Dibromomethane	ND		ug/L	0.5	0.2	03/22/22	03/22/22
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.3	03/22/22	03/22/22
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	03/22/22	03/22/22
Toluene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,3-Dichloropropane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Tetrachloroethene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
Dibromochloromethane	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,2-Dibromoethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Chlorobenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Ethylbenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
m,p-Xylenes	ND		ug/L	1.0	0.2	03/22/22	03/22/22
o-Xylene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Styrene	ND		ug/L	0.5	0.1	03/22/22	03/22/22

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Batch QC

QC979053 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.08	03/22/22	03/22/22
Propylbenzene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
Isopropylbenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,2,3-Trichloropropane	ND		ug/L	0.5	0.08	03/22/22	03/22/22
Bromobenzene	ND		ug/L	1.0	0.09	03/22/22	03/22/22
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
2-Chlorotoluene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
4-Chlorotoluene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
tert-Butylbenzene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	03/22/22	03/22/22
sec-Butylbenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
n-Butylbenzene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
1,2-Dichlorobenzene	ND		ug/L	0.5	0.08	03/22/22	03/22/22
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.1	03/22/22	03/22/22
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
Hexachlorobutadiene	ND		ug/L	1.0	0.2	03/22/22	03/22/22
Naphthalene	ND		ug/L	0.5	0.1	03/22/22	03/22/22
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	03/22/22	03/22/22
cis-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.6	03/22/22	03/22/22
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.2	03/22/22	03/22/22
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	03/22/22	03/22/22
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.08	03/22/22	03/22/22
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1.6	03/22/22	03/22/22
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	03/22/22	03/22/22
Xylene (total)	ND		ug/L	0.5		03/22/22	03/22/22
Surrogates				**Limits**			
Dibromofluoromethane	98%		%REC	70-140	1.0	03/22/22	03/22/22
1,2-Dichloroethane-d4	102%		%REC	70-140		03/22/22	03/22/22
Toluene-d8	98%		%REC	70-140		03/22/22	03/22/22
Bromofluorobenzene	99%		%REC	70-140		03/22/22	03/22/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC979054	Batch: 286078
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC979054 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.52	50.00	ug/L	113%		70-135
MTBE	51.36	50.00	ug/L	103%		70-130
Benzene	52.07	50.00	ug/L	104%		70-130
Trichloroethene	53.19	50.00	ug/L	106%		70-130
Toluene	51.69	50.00	ug/L	103%		70-130
Chlorobenzene	52.48	50.00	ug/L	105%		70-130
Surrogates						
Dibromofluoromethane	51.68	50.00	ug/L	103%		70-140
1,2-Dichloroethane-d4	53.06	50.00	ug/L	106%		70-140
Toluene-d8	48.57	50.00	ug/L	97%		70-140
Bromofluorobenzene	50.47	50.00	ug/L	101%		70-140

Type: Lab Control Sample Duplicate	Lab ID: QC979055	Batch: 286078
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC979055 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.36	50.00	ug/L	105%		70-135	8	30
MTBE	49.48	50.00	ug/L	99%		70-130	4	30
Benzene	49.77	50.00	ug/L	100%		70-130	5	30
Trichloroethene	50.58	50.00	ug/L	101%		70-130	5	30
Toluene	49.21	50.00	ug/L	98%		70-130	5	30
Chlorobenzene	50.28	50.00	ug/L	101%		70-130	4	30
Surrogates								
Dibromofluoromethane	50.60	50.00	ug/L	101%		70-140		
1,2-Dichloroethane-d4	51.34	50.00	ug/L	103%		70-140		
Toluene-d8	49.01	50.00	ug/L	98%		70-140		
Bromofluorobenzene	49.23	50.00	ug/L	98%		70-140		

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Batch QC

Type: Blank	**Lab ID:** QC979081	**Batch:** 286084
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC979081 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	03/23/22	03/23/22
Chloromethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Vinyl Chloride	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Bromomethane	ND		ug/L	1.0	0.2	03/23/22	03/23/22
Chloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Trichlorofluoromethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Acetone	ND		ug/L	25	17	03/23/22	03/23/22
Freon 113	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,1-Dichloroethene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Methylene Chloride	ND		ug/L	5.0	0.5	03/23/22	03/23/22
MTBE	ND		ug/L	0.5	0.1	03/23/22	03/23/22
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,1-Dichloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
2-Butanone	ND		ug/L	5.0	0.6	03/23/22	03/23/22
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
2,2-Dichloropropane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Chloroform	ND		ug/L	0.5	0.3	03/23/22	03/23/22
Bromochloromethane	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,1-Dichloropropene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
Carbon Tetrachloride	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,2-Dichloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Benzene	ND		ug/L	0.5	0.08	03/23/22	03/23/22
Trichloroethene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,2-Dichloropropane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Bromodichloromethane	ND		ug/L	0.5	0.05	03/23/22	03/23/22
Dibromomethane	ND		ug/L	0.5	0.2	03/23/22	03/23/22
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.3	03/23/22	03/23/22
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	03/23/22	03/23/22
Toluene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,3-Dichloropropane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Tetrachloroethene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
Dibromochloromethane	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,2-Dibromoethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Chlorobenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Ethylbenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
m,p-Xylenes	ND		ug/L	1.0	0.2	03/23/22	03/23/22
o-Xylene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Styrene	ND		ug/L	0.5	0.1	03/23/22	03/23/22

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Batch QC

QC979081 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.08	03/23/22	03/23/22
Propylbenzene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
Isopropylbenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,2,3-Trichloropropane	ND		ug/L	0.5	0.08	03/23/22	03/23/22
Bromobenzene	ND		ug/L	1.0	0.09	03/23/22	03/23/22
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
2-Chlorotoluene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
4-Chlorotoluene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
tert-Butylbenzene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	03/23/22	03/23/22
sec-Butylbenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
n-Butylbenzene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
1,2-Dichlorobenzene	ND		ug/L	0.5	0.08	03/23/22	03/23/22
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.1	03/23/22	03/23/22
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
Hexachlorobutadiene	ND		ug/L	1.0	0.2	03/23/22	03/23/22
Naphthalene	ND		ug/L	0.5	0.1	03/23/22	03/23/22
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	03/23/22	03/23/22
cis-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.6	03/23/22	03/23/22
trans-1,4-Dichloro-2-butene	ND		ug/L	1.0	0.2	03/23/22	03/23/22
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	03/23/22	03/23/22
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.08	03/23/22	03/23/22
tert-Butyl Alcohol (TBA)	ND		ug/L	10	1.6	03/23/22	03/23/22
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	03/23/22	03/23/22
Xylene (total)	ND		ug/L	0.5		03/23/22	03/23/22
Surrogates				**Limits**			
Dibromofluoromethane	97%		%REC	70-140	1.0	03/23/22	03/23/22
1,2-Dichloroethane-d4	101%		%REC	70-140		03/23/22	03/23/22
Toluene-d8	99%		%REC	70-140		03/23/22	03/23/22
Bromofluorobenzene	100%		%REC	70-140		03/23/22	03/23/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC979082	**Batch:** 286084
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC979082 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	57.62	50.00	ug/L	115%		70-135
MTBE	50.67	50.00	ug/L	101%		70-130
Benzene	52.59	50.00	ug/L	105%		70-130
Trichloroethene	54.42	50.00	ug/L	109%		70-130
Toluene	52.76	50.00	ug/L	106%		70-130
Chlorobenzene	53.83	50.00	ug/L	108%		70-130
Surrogates						
Dibromofluoromethane	51.14	50.00	ug/L	102%		70-140
1,2-Dichloroethane-d4	51.81	50.00	ug/L	104%		70-140
Toluene-d8	49.24	50.00	ug/L	98%		70-140
Bromofluorobenzene	50.26	50.00	ug/L	101%		70-140

Type: Lab Control Sample Duplicate	**Lab ID:** QC979083	**Batch:** 286084
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC979083 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.84	50.00	ug/L	112%		70-135	3	30
MTBE	49.78	50.00	ug/L	100%		70-130	2	30
Benzene	51.28	50.00	ug/L	103%		70-130	3	30
Trichloroethene	51.42	50.00	ug/L	103%		70-130	6	30
Toluene	50.04	50.00	ug/L	100%		70-130	5	30
Chlorobenzene	51.03	50.00	ug/L	102%		70-130	5	30
Surrogates								
Dibromofluoromethane	51.31	50.00	ug/L	103%		70-140		
1,2-Dichloroethane-d4	51.99	50.00	ug/L	104%		70-140		
Toluene-d8	48.91	50.00	ug/L	98%		70-140		
Bromofluorobenzene	49.45	50.00	ug/L	99%		70-140		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC978879	**Batch:** 286013
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5030B

QC978879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
Freon 12	ND		ug/Kg	5.0	1.8	03/22/22	03/22/22
Chloromethane	ND		ug/Kg	5.0	1.6	03/22/22	03/22/22
Vinyl Chloride	ND		ug/Kg	5.0	1.6	03/22/22	03/22/22
Bromomethane	ND		ug/Kg	5.0	1.4	03/22/22	03/22/22
Chloroethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Trichlorofluoromethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Acetone	ND		ug/Kg	100	25	03/22/22	03/22/22
Freon 113	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
Methylene Chloride	ND		ug/Kg	5.0	0.7	03/22/22	03/22/22
MTBE	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
1,1-Dichloroethane	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
2-Butanone	ND		ug/Kg	100	3.0	03/22/22	03/22/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
2,2-Dichloropropane	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
Chloroform	ND		ug/Kg	5.0	1.3	03/22/22	03/22/22
Bromochloromethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
Carbon Tetrachloride	ND		ug/Kg	5.0	0.6	03/22/22	03/22/22
1,2-Dichloroethane	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
Benzene	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Trichloroethene	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
1,2-Dichloropropane	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
Bromodichloromethane	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
Dibromomethane	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	3.1	03/22/22	03/22/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
Toluene	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
1,3-Dichloropropane	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
Tetrachloroethene	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Dibromochloromethane	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
1,2-Dibromoethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Chlorobenzene	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
Ethylbenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
m,p-Xylenes	ND		ug/Kg	10	1.9	03/22/22	03/22/22
o-Xylene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22

ENTHALPY ANALYTICAL

Batch QC

QC978879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	1.4	03/22/22	03/22/22
Bromoform	ND		ug/Kg	5.0	0.5	03/22/22	03/22/22
Isopropylbenzene	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
Propylbenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
Bromobenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
2-Chlorotoluene	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
sec-Butylbenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	1.0	03/22/22	03/22/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.9	03/22/22	03/22/22
n-Butylbenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1.1	03/22/22	03/22/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.7	03/22/22	03/22/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	03/22/22	03/22/22
Hexachlorobutadiene	ND		ug/Kg	5.0	1.3	03/22/22	03/22/22
Naphthalene	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.2	03/22/22	03/22/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.8	03/22/22	03/22/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.3	03/22/22	03/22/22
Xylene (total)	ND		ug/Kg	5.0		03/22/22	03/22/22
Surrogates				**Limits**			
Dibromofluoromethane	92%		%REC	70-130		03/22/22	03/22/22
1,2-Dichloroethane-d4	109%		%REC	70-145		03/22/22	03/22/22
Toluene-d8	100%		%REC	70-145		03/22/22	03/22/22
Bromofluorobenzene	97%		%REC	70-145		03/22/22	03/22/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC978880	Batch: 286013
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC978880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.95	50.00	ug/Kg	114%		70-131
MTBE	50.92	50.00	ug/Kg	102%		69-130
Benzene	53.24	50.00	ug/Kg	106%		70-130
Trichloroethene	47.69	50.00	ug/Kg	95%		70-130
Toluene	51.68	50.00	ug/Kg	103%		70-130
Chlorobenzene	48.66	50.00	ug/Kg	97%		70-130
Surrogates						
Dibromofluoromethane	47.33	50.00	ug/Kg	95%		70-130
1,2-Dichloroethane-d4	50.90	50.00	ug/Kg	102%		70-145
Toluene-d8	51.40	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	49.85	50.00	ug/Kg	100%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC978881	Batch: 286013
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC978881 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	57.38	50.00	ug/Kg	115%		70-131	1	33
MTBE	51.80	50.00	ug/Kg	104%		69-130	2	30
Benzene	52.56	50.00	ug/Kg	105%		70-130	1	30
Trichloroethene	46.13	50.00	ug/Kg	92%		70-130	3	30
Toluene	51.22	50.00	ug/Kg	102%		70-130	1	30
Chlorobenzene	47.61	50.00	ug/Kg	95%		70-130	2	30
Surrogates								
Dibromofluoromethane	46.37	50.00	ug/Kg	93%		70-130		
1,2-Dichloroethane-d4	50.63	50.00	ug/Kg	101%		70-145		
Toluene-d8	50.76	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	50.43	50.00	ug/Kg	101%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC980561	**Batch:** 286552	
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC980561 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
Freon 12	ND		ug/Kg	5.0	1.8	03/31/22	03/31/22
Chloromethane	ND		ug/Kg	5.0	1.6	03/31/22	03/31/22
Vinyl Chloride	ND		ug/Kg	5.0	1.6	03/31/22	03/31/22
Bromomethane	ND		ug/Kg	5.0	1.4	03/31/22	03/31/22
Chloroethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Trichlorofluoromethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Acetone	ND		ug/Kg	100	25	03/31/22	03/31/22
Freon 113	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
Methylene Chloride	1.5	J	ug/Kg	5.0	0.7	03/31/22	03/31/22
MTBE	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
1,1-Dichloroethane	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
2-Butanone	ND		ug/Kg	100	3.0	03/31/22	03/31/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
2,2-Dichloropropane	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
Chloroform	ND		ug/Kg	5.0	1.3	03/31/22	03/31/22
Bromochloromethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
Carbon Tetrachloride	ND		ug/Kg	5.0	0.6	03/31/22	03/31/22
1,2-Dichloroethane	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
Benzene	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Trichloroethene	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
1,2-Dichloropropane	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
Bromodichloromethane	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
Dibromomethane	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	3.1	03/31/22	03/31/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
Toluene	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
1,3-Dichloropropane	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
Tetrachloroethene	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Dibromochloromethane	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
1,2-Dibromoethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Chlorobenzene	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
Ethylbenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
m,p-Xylenes	ND		ug/Kg	10	1.9	03/31/22	03/31/22
o-Xylene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22

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Batch QC

QC980561 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	1.4	03/31/22	03/31/22
Bromoform	ND		ug/Kg	5.0	0.5	03/31/22	03/31/22
Isopropylbenzene	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
Propylbenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
Bromobenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
2-Chlorotoluene	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
tert-Butylbenzene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
sec-Butylbenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	1.0	03/31/22	03/31/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.9	03/31/22	03/31/22
n-Butylbenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	1.1	03/31/22	03/31/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.7	03/31/22	03/31/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	03/31/22	03/31/22
Hexachlorobutadiene	ND		ug/Kg	5.0	1.3	03/31/22	03/31/22
Naphthalene	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	1.2	03/31/22	03/31/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.8	03/31/22	03/31/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.3	03/31/22	03/31/22
Xylene (total)	ND		ug/Kg	5.0		03/31/22	03/31/22
Surrogates				**Limits**			
Dibromofluoromethane	101%		%REC	70-130		03/31/22	03/31/22
1,2-Dichloroethane-d4	105%		%REC	70-145		03/31/22	03/31/22
Toluene-d8	101%		%REC	70-145		03/31/22	03/31/22
Bromofluorobenzene	97%		%REC	70-145		03/31/22	03/31/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC980562	Batch: 286552
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC980562 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	54.67	50.00	ug/Kg	109%		70-131
MTBE	49.66	50.00	ug/Kg	99%		69-130
Benzene	46.78	50.00	ug/Kg	94%		70-130
Trichloroethene	49.42	50.00	ug/Kg	99%		70-130
Toluene	46.61	50.00	ug/Kg	93%		70-130
Chlorobenzene	48.63	50.00	ug/Kg	97%		70-130
Surrogates						
Dibromofluoromethane	50.50	50.00	ug/Kg	101%		70-130
1,2-Dichloroethane-d4	49.86	50.00	ug/Kg	100%		70-145
Toluene-d8	51.22	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	50.49	50.00	ug/Kg	101%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC980563	Batch: 286552
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC980563 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	56.16	50.00	ug/Kg	112%		70-131	3	33
MTBE	51.75	50.00	ug/Kg	104%		69-130	4	30
Benzene	48.50	50.00	ug/Kg	97%		70-130	4	30
Trichloroethene	50.05	50.00	ug/Kg	100%		70-130	1	30
Toluene	47.36	50.00	ug/Kg	95%		70-130	2	30
Chlorobenzene	48.98	50.00	ug/Kg	98%		70-130	1	30
Surrogates								
Dibromofluoromethane	51.94	50.00	ug/Kg	104%		70-130		
1,2-Dichloroethane-d4	51.45	50.00	ug/Kg	103%		70-145		
Toluene-d8	50.64	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	49.92	50.00	ug/Kg	100%		70-145		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC978871**	**Batch:**	**286011**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978871 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	49	03/21/22	03/22/22
1-Methylnaphthalene	ND		ug/Kg	250	46	03/21/22	03/22/22
Pyridine	ND		ug/Kg	250	34	03/21/22	03/22/22
N-Nitrosodimethylamine	ND		ug/Kg	250	23	03/21/22	03/22/22
Phenol	ND		ug/Kg	250	49	03/21/22	03/22/22
Aniline	ND		ug/Kg	250	36	03/21/22	03/22/22
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	57	03/21/22	03/22/22
2-Chlorophenol	ND		ug/Kg	250	40	03/21/22	03/22/22
1,3-Dichlorobenzene	ND		ug/Kg	250	52	03/21/22	03/22/22
1,4-Dichlorobenzene	ND		ug/Kg	250	32	03/21/22	03/22/22
Benzyl alcohol	ND		ug/Kg	250	250	03/21/22	03/22/22
1,2-Dichlorobenzene	ND		ug/Kg	250	45	03/21/22	03/22/22
2-Methylphenol	ND		ug/Kg	250	110	03/21/22	03/22/22
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	45	03/21/22	03/22/22
3-,4-Methylphenol	ND		ug/Kg	400	60	03/21/22	03/22/22
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	49	03/21/22	03/22/22
Hexachloroethane	ND		ug/Kg	250	42	03/21/22	03/22/22
Nitrobenzene	ND		ug/Kg	1,200	36	03/21/22	03/22/22
Isophorone	ND		ug/Kg	250	41	03/21/22	03/22/22
2-Nitrophenol	ND		ug/Kg	250	38	03/21/22	03/22/22
2,4-Dimethylphenol	ND		ug/Kg	250	40	03/21/22	03/22/22
Benzoic acid	ND		ug/Kg	1,200	140	03/21/22	03/22/22
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	52	03/21/22	03/22/22
2,4-Dichlorophenol	ND		ug/Kg	250	46	03/21/22	03/22/22
1,2,4-Trichlorobenzene	ND		ug/Kg	250	40	03/21/22	03/22/22
Naphthalene	ND		ug/Kg	250	44	03/21/22	03/22/22
4-Chloroaniline	ND		ug/Kg	250	59	03/21/22	03/22/22
Hexachlorobutadiene	ND		ug/Kg	250	36	03/21/22	03/22/22
4-Chloro-3-methylphenol	ND		ug/Kg	250	60	03/21/22	03/22/22
2-Methylnaphthalene	ND		ug/Kg	250	37	03/21/22	03/22/22
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	20	03/21/22	03/22/22
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	03/21/22	03/22/22
2,4,5-Trichlorophenol	ND		ug/Kg	250	38	03/21/22	03/22/22
2-Chloronaphthalene	ND		ug/Kg	250	51	03/21/22	03/22/22
2-Nitroaniline	ND		ug/Kg	250	57	03/21/22	03/22/22
Dimethylphthalate	ND		ug/Kg	250	53	03/21/22	03/22/22
Acenaphthylene	ND		ug/Kg	250	46	03/21/22	03/22/22
2,6-Dinitrotoluene	ND		ug/Kg	250	42	03/21/22	03/22/22
3-Nitroaniline	ND		ug/Kg	250	53	03/21/22	03/22/22
Acenaphthene	ND		ug/Kg	250	44	03/21/22	03/22/22
2,4-Dinitrophenol	ND		ug/Kg	1,200	51	03/21/22	03/22/22
4-Nitrophenol	ND		ug/Kg	250	170	03/21/22	03/22/22

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Batch QC

QC978871 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	49	03/21/22	03/22/22
2,4-Dinitrotoluene	ND		ug/Kg	250	46	03/21/22	03/22/22
Diethylphthalate	ND		ug/Kg	250	51	03/21/22	03/22/22
Fluorene	ND		ug/Kg	250	49	03/21/22	03/22/22
4-Chlorophenyl-phenylether	ND		ug/Kg	250	43	03/21/22	03/22/22
4-Nitroaniline	ND		ug/Kg	250	84	03/21/22	03/22/22
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	37	03/21/22	03/22/22
N-Nitrosodiphenylamine	ND		ug/Kg	250	55	03/21/22	03/22/22
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	51	03/21/22	03/22/22
4-Bromophenyl-phenylether	ND		ug/Kg	250	56	03/21/22	03/22/22
Hexachlorobenzene	ND		ug/Kg	250	43	03/21/22	03/22/22
Pentachlorophenol	ND		ug/Kg	1,200	48	03/21/22	03/22/22
Phenanthrene	ND		ug/Kg	250	47	03/21/22	03/22/22
Anthracene	ND		ug/Kg	250	40	03/21/22	03/22/22
Di-n-butylphthalate	ND		ug/Kg	250	59	03/21/22	03/22/22
Fluoranthene	ND		ug/Kg	250	50	03/21/22	03/22/22
Benzidine	ND		ug/Kg	1,200	200	03/21/22	03/22/22
Pyrene	ND		ug/Kg	250	55	03/21/22	03/22/22
Butylbenzylphthalate	ND		ug/Kg	250	53	03/21/22	03/22/22
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	160	03/21/22	03/22/22
Benzo(a)anthracene	ND		ug/Kg	250	40	03/21/22	03/22/22
Chrysene	ND		ug/Kg	250	42	03/21/22	03/22/22
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	72	03/21/22	03/22/22
Di-n-octylphthalate	ND		ug/Kg	250	59	03/21/22	03/22/22
Benzo(b)fluoranthene	ND		ug/Kg	250	52	03/21/22	03/22/22
Benzo(k)fluoranthene	ND		ug/Kg	250	40	03/21/22	03/22/22
Benzo(a)pyrene	ND		ug/Kg	250	33	03/21/22	03/22/22
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	86	03/21/22	03/22/22
Dibenz(a,h)anthracene	ND		ug/Kg	250	28	03/21/22	03/22/22
Benzo(g,h,i)perylene	ND		ug/Kg	250	41	03/21/22	03/22/22
Surrogates				**Limits**			
2-Fluorophenol	71%		%REC	29-120		03/21/22	03/22/22
Phenol-d6	76%		%REC	30-120		03/21/22	03/22/22
2,4,6-Tribromophenol	71%		%REC	32-120		03/21/22	03/22/22
Nitrobenzene-d5	72%		%REC	33-120		03/21/22	03/22/22
2-Fluorobiphenyl	68%		%REC	39-120		03/21/22	03/22/22
Terphenyl-d14	79%		%REC	44-125		03/21/22	03/22/22

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Batch QC

Type: Lab Control Sample	**Lab ID: QC978872**	**Batch: 286011**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC978872 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	3,133	3750	ug/Kg	84%		42-120
2-Chlorophenol	2,946	3750	ug/Kg	79%		41-120
1,4-Dichlorobenzene	2,700	3750	ug/Kg	72%		36-120
3-,4-Methylphenol	3,205	3750	ug/Kg	85%		42-120
N-Nitroso-di-n-propylamine	3,036	3750	ug/Kg	81%		43-121
2,4-Dimethylphenol	2,871	3750	ug/Kg	77%		25-120
1,2,4-Trichlorobenzene	2,800	3750	ug/Kg	75%		38-120
4-Chloro-3-methylphenol	3,233	3750	ug/Kg	86%		40-125
2,4,5-Trichlorophenol	3,030	3750	ug/Kg	81%		40-124
Acenaphthene	3,040	3750	ug/Kg	81%		35-126
4-Nitrophenol	3,989	3750	ug/Kg	106%		24-128
2,4-Dinitrotoluene	3,633	3750	ug/Kg	97%		40-131
Pentachlorophenol	2,473	3750	ug/Kg	66%		35-120
Pyrene	3,182	3750	ug/Kg	85%		37-135
Chrysene	3,149	3750	ug/Kg	84%		38-132
Benzo(b)fluoranthene	3,427	3750	ug/Kg	91%		38-135
Surrogates						
2-Fluorophenol	1,596	2000	ug/Kg	80%		29-120
Phenol-d6	1,732	2000	ug/Kg	87%		30-120
2,4,6-Tribromophenol	1,743	2000	ug/Kg	87%		32-120
Nitrobenzene-d5	1,639	2000	ug/Kg	82%		33-120
2-Fluorobiphenyl	1,487	2000	ug/Kg	74%		39-120
Terphenyl-d14	1,751	2000	ug/Kg	88%		44-125

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Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC978873**	**Batch:**	**286011**
Matrix (Source ID):	**Soil (459954-001)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	3,395	ND	3750	ug/Kg	91%		37-120	10
2-Chlorophenol	3,288	ND	3750	ug/Kg	88%		33-120	10
1,4-Dichlorobenzene	3,211	ND	3750	ug/Kg	86%		32-120	10
3-,4-Methylphenol	3,681	ND	3750	ug/Kg	98%		37-120	10
N-Nitroso-di-n-propylamine	3,762	ND	3750	ug/Kg	100%		32-120	10
2,4-Dimethylphenol	3,570	ND	3750	ug/Kg	95%		32-120	10
1,2,4-Trichlorobenzene	3,558	ND	3750	ug/Kg	95%		33-120	10
4-Chloro-3-methylphenol	3,844	ND	3750	ug/Kg	102%		41-121	10
2,4,5-Trichlorophenol	3,579	ND	3750	ug/Kg	95%		40-120	10
Acenaphthene	3,583	ND	3750	ug/Kg	96%		37-120	10
4-Nitrophenol	3,349	ND	3750	ug/Kg	89%		20-141	10
2,4-Dinitrotoluene	3,450	ND	3750	ug/Kg	92%		33-128	10
Pentachlorophenol	4,606	ND	3750	ug/Kg		DO	28-132	10
Pyrene	3,235	ND	3750	ug/Kg	86%		39-135	10
Chrysene	3,507	ND	3750	ug/Kg	94%		37-135	10
Benzo(b)fluoranthene	3,585	ND	3750	ug/Kg	96%		34-139	10
Surrogates								
2-Fluorophenol	1,710		2000	ug/Kg	86%		29-120	10
Phenol-d6	1,909		2000	ug/Kg	95%		30-120	10
2,4,6-Tribromophenol	1,787		2000	ug/Kg	89%		32-120	10
Nitrobenzene-d5	1,858		2000	ug/Kg	93%		33-120	10
2-Fluorobiphenyl	1,811		2000	ug/Kg	91%		39-120	10
Terphenyl-d14	1,802		2000	ug/Kg	90%		44-125	10

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC978874**	**Batch:**	**286011**
Matrix (Source ID):	**Soil (459954-001)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978874 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	3,351	ND	3750	ug/Kg	89%		37-120	1	49	10
2-Chlorophenol	3,238	ND	3750	ug/Kg	86%		33-120	2	52	10
1,4-Dichlorobenzene	3,087	ND	3750	ug/Kg	82%		32-120	4	50	10
3-,4-Methylphenol	3,658	ND	3750	ug/Kg	98%		37-120	1	54	10
N-Nitroso-di-n-propylamine	3,620	ND	3750	ug/Kg	97%		32-120	4	50	10
2,4-Dimethylphenol	3,578	ND	3750	ug/Kg	95%		32-120	0	50	10
1,2,4-Trichlorobenzene	3,398	ND	3750	ug/Kg	91%		33-120	5	50	10
4-Chloro-3-methylphenol	3,701	ND	3750	ug/Kg	99%		41-121	4	43	10
2,4,5-Trichlorophenol	3,649	ND	3750	ug/Kg	97%		40-120	2	47	10
Acenaphthene	3,484	ND	3750	ug/Kg	93%		37-120	3	48	10
4-Nitrophenol	3,391	ND	3750	ug/Kg	90%		20-141	1	30	10
2,4-Dinitrotoluene	3,450	ND	3750	ug/Kg	92%		33-128	0	50	10
Pentachlorophenol	4,607	ND	3750	ug/Kg		DO	28-132		30	10
Pyrene	3,175	ND	3750	ug/Kg	85%		39-135	2	41	10
Chrysene	3,325	ND	3750	ug/Kg	89%		37-135	5	46	10
Benzo(b)fluoranthene	3,488	ND	3750	ug/Kg	93%		34-139	3	47	10
Surrogates										
2-Fluorophenol	1,579		2000	ug/Kg	79%		29-120			10
Phenol-d6	1,946		2000	ug/Kg	97%		30-120			10
2,4,6-Tribromophenol	1,751		2000	ug/Kg	88%		32-120			10
Nitrobenzene-d5	1,835		2000	ug/Kg	92%		33-120			10
2-Fluorobiphenyl	1,763		2000	ug/Kg	88%		39-120			10
Terphenyl-d14	1,808		2000	ug/Kg	90%		44-125			10

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC978875**	**Batch:**	**286012**
Matrix:	**Soil**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978875 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbazole	ND		ug/Kg	250	49	03/22/22	03/22/22
1-Methylnaphthalene	ND		ug/Kg	250	46	03/22/22	03/22/22
Pyridine	ND		ug/Kg	250	34	03/22/22	03/22/22
N-Nitrosodimethylamine	ND		ug/Kg	250	23	03/22/22	03/22/22
Phenol	ND		ug/Kg	250	49	03/22/22	03/22/22
Aniline	ND		ug/Kg	250	36	03/22/22	03/22/22
bis(2-Chloroethyl)ether	ND		ug/Kg	1,200	57	03/22/22	03/22/22
2-Chlorophenol	ND		ug/Kg	250	40	03/22/22	03/22/22
1,3-Dichlorobenzene	ND		ug/Kg	250	52	03/22/22	03/22/22
1,4-Dichlorobenzene	ND		ug/Kg	250	32	03/22/22	03/22/22
Benzyl alcohol	ND		ug/Kg	250	250	03/22/22	03/22/22
1,2-Dichlorobenzene	ND		ug/Kg	250	45	03/22/22	03/22/22
2-Methylphenol	ND		ug/Kg	250	110	03/22/22	03/22/22
bis(2-Chloroisopropyl) ether	ND		ug/Kg	250	45	03/22/22	03/22/22
3-,4-Methylphenol	ND		ug/Kg	400	60	03/22/22	03/22/22
N-Nitroso-di-n-propylamine	ND		ug/Kg	250	49	03/22/22	03/22/22
Hexachloroethane	ND		ug/Kg	250	42	03/22/22	03/22/22
Nitrobenzene	ND		ug/Kg	1,200	36	03/22/22	03/22/22
Isophorone	ND		ug/Kg	250	41	03/22/22	03/22/22
2-Nitrophenol	ND		ug/Kg	250	38	03/22/22	03/22/22
2,4-Dimethylphenol	ND		ug/Kg	250	40	03/22/22	03/22/22
Benzoic acid	ND		ug/Kg	1,200	140	03/22/22	03/22/22
bis(2-Chloroethoxy)methane	ND		ug/Kg	250	52	03/22/22	03/22/22
2,4-Dichlorophenol	ND		ug/Kg	250	46	03/22/22	03/22/22
1,2,4-Trichlorobenzene	ND		ug/Kg	250	40	03/22/22	03/22/22
Naphthalene	ND		ug/Kg	250	44	03/22/22	03/22/22
4-Chloroaniline	ND		ug/Kg	250	59	03/22/22	03/22/22
Hexachlorobutadiene	ND		ug/Kg	250	36	03/22/22	03/22/22
4-Chloro-3-methylphenol	ND		ug/Kg	250	60	03/22/22	03/22/22
2-Methylnaphthalene	ND		ug/Kg	250	37	03/22/22	03/22/22
Hexachlorocyclopentadiene	ND		ug/Kg	1,200	20	03/22/22	03/22/22
2,4,6-Trichlorophenol	ND		ug/Kg	250	33	03/22/22	03/22/22
2,4,5-Trichlorophenol	ND		ug/Kg	250	38	03/22/22	03/22/22
2-Chloronaphthalene	ND		ug/Kg	250	51	03/22/22	03/22/22
2-Nitroaniline	ND		ug/Kg	250	57	03/22/22	03/22/22
Dimethylphthalate	ND		ug/Kg	250	53	03/22/22	03/22/22
Acenaphthylene	ND		ug/Kg	250	46	03/22/22	03/22/22
2,6-Dinitrotoluene	ND		ug/Kg	250	42	03/22/22	03/22/22
3-Nitroaniline	ND		ug/Kg	250	53	03/22/22	03/22/22
Acenaphthene	ND		ug/Kg	250	44	03/22/22	03/22/22
2,4-Dinitrophenol	ND		ug/Kg	1,200	51	03/22/22	03/22/22
4-Nitrophenol	ND		ug/Kg	250	170	03/22/22	03/22/22

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Batch QC

QC978875 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibenzofuran	ND		ug/Kg	250	49	03/22/22	03/22/22
2,4-Dinitrotoluene	ND		ug/Kg	250	46	03/22/22	03/22/22
Diethylphthalate	ND		ug/Kg	250	51	03/22/22	03/22/22
Fluorene	ND		ug/Kg	250	49	03/22/22	03/22/22
4-Chlorophenyl-phenylether	ND		ug/Kg	250	43	03/22/22	03/22/22
4-Nitroaniline	ND		ug/Kg	250	84	03/22/22	03/22/22
4,6-Dinitro-2-methylphenol	ND		ug/Kg	250	37	03/22/22	03/22/22
N-Nitrosodiphenylamine	ND		ug/Kg	250	55	03/22/22	03/22/22
1,2-diphenylhydrazine (as azobenzene)	ND		ug/Kg	250	51	03/22/22	03/22/22
4-Bromophenyl-phenylether	ND		ug/Kg	250	56	03/22/22	03/22/22
Hexachlorobenzene	ND		ug/Kg	250	43	03/22/22	03/22/22
Pentachlorophenol	ND		ug/Kg	1,200	48	03/22/22	03/22/22
Phenanthrene	ND		ug/Kg	250	47	03/22/22	03/22/22
Anthracene	ND		ug/Kg	250	40	03/22/22	03/22/22
Di-n-butylphthalate	ND		ug/Kg	250	59	03/22/22	03/22/22
Fluoranthene	ND		ug/Kg	250	50	03/22/22	03/22/22
Benzidine	ND		ug/Kg	1,200	200	03/22/22	03/22/22
Pyrene	ND		ug/Kg	250	55	03/22/22	03/22/22
Butylbenzylphthalate	ND		ug/Kg	250	53	03/22/22	03/22/22
3,3'-Dichlorobenzidine	ND		ug/Kg	1,200	160	03/22/22	03/22/22
Benzo(a)anthracene	ND		ug/Kg	250	40	03/22/22	03/22/22
Chrysene	ND		ug/Kg	250	42	03/22/22	03/22/22
bis(2-Ethylhexyl)phthalate	ND		ug/Kg	250	72	03/22/22	03/22/22
Di-n-octylphthalate	ND		ug/Kg	250	59	03/22/22	03/22/22
Benzo(b)fluoranthene	ND		ug/Kg	250	52	03/22/22	03/22/22
Benzo(k)fluoranthene	ND		ug/Kg	250	40	03/22/22	03/22/22
Benzo(a)pyrene	ND		ug/Kg	250	33	03/22/22	03/22/22
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	86	03/22/22	03/22/22
Dibenz(a,h)anthracene	ND		ug/Kg	250	28	03/22/22	03/22/22
Benzo(g,h,i)perylene	ND		ug/Kg	250	41	03/22/22	03/22/22
Surrogates				**Limits**			
2-Fluorophenol	72%		%REC	29-120		03/22/22	03/22/22
Phenol-d6	76%		%REC	30-120		03/22/22	03/22/22
2,4,6-Tribromophenol	68%		%REC	32-120		03/22/22	03/22/22
Nitrobenzene-d5	70%		%REC	33-120		03/22/22	03/22/22
2-Fluorobiphenyl	66%		%REC	39-120		03/22/22	03/22/22
Terphenyl-d14	69%		%REC	44-125		03/22/22	03/22/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC978876**	**Batch: 286012**
Matrix: Soil	**Method: EPA 8270C**	**Prep Method: EPA 3546**

QC978876 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	2,951	3750	ug/Kg	79%		42-120
2-Chlorophenol	2,767	3750	ug/Kg	74%		41-120
1,4-Dichlorobenzene	2,534	3750	ug/Kg	68%		36-120
3-,4-Methylphenol	3,104	3750	ug/Kg	83%		42-120
N-Nitroso-di-n-propylamine	2,995	3750	ug/Kg	80%		43-121
2,4-Dimethylphenol	2,864	3750	ug/Kg	76%		25-120
1,2,4-Trichlorobenzene	2,617	3750	ug/Kg	70%		38-120
4-Chloro-3-methylphenol	3,107	3750	ug/Kg	83%		40-125
2,4,5-Trichlorophenol	2,920	3750	ug/Kg	78%		40-124
Acenaphthene	2,804	3750	ug/Kg	75%		35-126
4-Nitrophenol	3,606	3750	ug/Kg	96%		24-128
2,4-Dinitrotoluene	3,288	3750	ug/Kg	88%		40-131
Pentachlorophenol	2,299	3750	ug/Kg	61%		35-120
Pyrene	2,796	3750	ug/Kg	75%		37-135
Chrysene	2,808	3750	ug/Kg	75%		38-132
Benzo(b)fluoranthene	3,040	3750	ug/Kg	81%		38-135
Surrogates						
2-Fluorophenol	1,525	2000	ug/Kg	76%		29-120
Phenol-d6	1,696	2000	ug/Kg	85%		30-120
2,4,6-Tribromophenol	1,626	2000	ug/Kg	81%		32-120
Nitrobenzene-d5	1,544	2000	ug/Kg	77%		33-120
2-Fluorobiphenyl	1,417	2000	ug/Kg	71%		39-120
Terphenyl-d14	1,559	2000	ug/Kg	78%		44-125

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC978877**	**Batch:**	**286012**
Matrix (Source ID):	**Soil (459968-006)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978877 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	2,421	ND	3750	ug/Kg	65%		37-120	1
2-Chlorophenol	2,549	ND	3750	ug/Kg	68%		33-120	1
1,4-Dichlorobenzene	2,525	ND	3750	ug/Kg	67%		32-120	1
3-,4-Methylphenol	2,382	ND	3750	ug/Kg	64%		37-120	1
N-Nitroso-di-n-propylamine	2,450	ND	3750	ug/Kg	65%		32-120	1
2,4-Dimethylphenol	2,061	ND	3750	ug/Kg	55%		32-120	1
1,2,4-Trichlorobenzene	2,479	ND	3750	ug/Kg	66%		33-120	1
4-Chloro-3-methylphenol	2,755	ND	3750	ug/Kg	73%		41-121	1
2,4,5-Trichlorophenol	2,838	ND	3750	ug/Kg	76%		40-120	1
Acenaphthene	2,607	ND	3750	ug/Kg	70%		37-120	1
4-Nitrophenol	2,633	ND	3750	ug/Kg	70%		20-141	1
2,4-Dinitrotoluene	2,699	ND	3750	ug/Kg	72%		33-128	1
Pentachlorophenol	1,916	ND	3750	ug/Kg	51%		28-132	1
Pyrene	2,624	ND	3750	ug/Kg	70%		39-135	1
Chrysene	2,731	ND	3750	ug/Kg	73%		37-135	1
Benzo(b)fluoranthene	3,152	ND	3750	ug/Kg	84%		34-139	1
Surrogates								
2-Fluorophenol	1,335		2000	ug/Kg	67%		29-120	1
Phenol-d6	1,408		2000	ug/Kg	70%		30-120	1
2,4,6-Tribromophenol	1,306		2000	ug/Kg	65%		32-120	1
Nitrobenzene-d5	1,321		2000	ug/Kg	66%		33-120	1
2-Fluorobiphenyl	1,307		2000	ug/Kg	65%		39-120	1
Terphenyl-d14	1,449		2000	ug/Kg	72%		44-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC978878**	**Batch:**	**286012**
Matrix (Source ID):	**Soil (459968-006)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3546**

QC978878 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Phenol	2,281	ND	3750	ug/Kg	61%		37-120	6	49	1
2-Chlorophenol	2,499	ND	3750	ug/Kg	67%		33-120	2	52	1
1,4-Dichlorobenzene	2,362	ND	3750	ug/Kg	63%		32-120	7	50	1
3-,4-Methylphenol	2,233	ND	3750	ug/Kg	60%		37-120	6	54	1
N-Nitroso-di-n-propylamine	2,298	ND	3750	ug/Kg	61%		32-120	6	50	1
2,4-Dimethylphenol	1,798	ND	3750	ug/Kg	48%		32-120	14	50	1
1,2,4-Trichlorobenzene	2,338	ND	3750	ug/Kg	62%		33-120	6	50	1
4-Chloro-3-methylphenol	2,494	ND	3750	ug/Kg	67%		41-121	10	43	1
2,4,5-Trichlorophenol	2,679	ND	3750	ug/Kg	71%		40-120	6	47	1
Acenaphthene	2,610	ND	3750	ug/Kg	70%		37-120	0	48	1
4-Nitrophenol	2,418	ND	3750	ug/Kg	64%		20-141	9	30	1
2,4-Dinitrotoluene	2,620	ND	3750	ug/Kg	70%		33-128	3	50	1
Pentachlorophenol	1,755	ND	3750	ug/Kg	47%		28-132	9	30	1
Pyrene	2,529	ND	3750	ug/Kg	67%		39-135	4	41	1
Chrysene	2,653	ND	3750	ug/Kg	71%		37-135	3	46	1
Benzo(b)fluoranthene	2,995	ND	3750	ug/Kg	80%		34-139	5	47	1
Surrogates										
2-Fluorophenol	1,271		2000	ug/Kg	64%		29-120			1
Phenol-d6	1,347		2000	ug/Kg	67%		30-120			1
2,4,6-Tribromophenol	1,283		2000	ug/Kg	64%		32-120			1
Nitrobenzene-d5	1,254		2000	ug/Kg	63%		33-120			1
2-Fluorobiphenyl	1,268		2000	ug/Kg	63%		39-120			1
Terphenyl-d14	1,393		2000	ug/Kg	70%		44-125			1

*	Value is outside QC limits
DO	Diluted Out
J	Estimated value
ND	Not Detected
SGCU	Silica gel cleanup

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

enthalpy.com

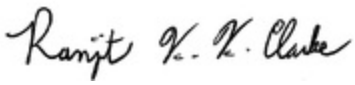
Lab Job Number: 460113
Report Level: II
Report Date: 03/30/2022

Analytical Report *prepared for:*

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Location: Hawthorne Senior Apts.

Authorized for release by:



Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

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

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #: 460113
Location: Hawthorne Senior Apts.
Date Received: 03/23/22

Sample ID	Lab ID	Collected	Matrix
SV-1	460113-001	03/23/22 09:45	Air
SV-2	460113-002	03/23/22 10:35	Air
SV-2-DUP	460113-003	03/23/22 10:35	Air
SV-3	460113-004	03/23/22 11:14	Air

Case Narrative

Rincon Consultants
449 15th Street
#303
Oakland, CA 94612
Daniel Correia

Lab Job Number: 460113
Location: Hawthorne Senior Apts.
Date Received: 03/23/22

This data package contains sample and QC results for four air samples, requested for the above referenced project on 03/23/22. The samples were received cold and intact.

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

- High ICAL percent RSD (relative standard deviation) was observed for 1,2,4-trimethylbenzene in the calibration analyzed 03/10/22 22:28; affected data was qualified with "b".
- High responses were observed for benzyl chloride and 1,2,4-trichlorobenzene in the ICV analyzed 03/11/22 06:20; affected data was qualified with "b".
- No other analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946):

No analytical problems were encountered.

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Air Chain of Custody Record

Lab No: 460113

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Special Instructions:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants	Name:	Hawthorne Senior Apts
Report To:	Daniel Correia	Number:	RIN08172I
Email:	dcorreia@rinconconsultants.com	P.O. #:	17-03856
Address:	4825 J Street Sacramento	Address:	118 & 124 15th St San Jose
Phone:	415-640-6499	Global ID:	S-MK
Fax:		Sampled By:	M. Kim & T. Sinnott

	Sample ID	Type	Equipment Information			Sampling Information						Analysis Requested									
		(I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	VOCs by EPA TO-15 SIM		Fixed gases + the by ASTM D1946							
1	SV-1	SV	562	1	175	3/23/22	0938	26	3/23/22	0945	5	X		X							
2	SV-2	SV	6060	1	311	3/23/22	1021	28	3/23/22	1035	5	X		X							
3	SV-2-DUP	SV	651	1	311	3/23/22	1021	28	3/23/22	1035	5	X		X							
4	SV-3	SV	671	1	075	3/23/22	1107	28	3/23/22	1114	5	X		X							
5																					
6																					
7																					
8																					
9																					
10																					

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Kim	Rincon	3/23/22 1230
1 Received By:		Michaela Kim	EA	3/23/22 12:30
2 Relinquished By:		Michaela Kim	EA	3/23/22 13:25
2 Received By:		NTCKB	EA	3-24-22 7:50
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants | Project: Hawthorne Senior Apts.

Date Received: 3/24/22 | Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2) Sample Temp (°C) (No Cooler): AMB

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 3-24-22

ENTHALPY ANALYTICAL

Analysis Results for 460113

Daniel Correia
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #: 460113
Location: Hawthorne Senior Apts.
Date Received: 03/23/22

Sample ID: SV-1 **Lab ID: 460113-001** **Collected: 03/23/22 09:45**
Matrix: Air

460113-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Helium	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**3.5**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**35,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**18**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**180,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Methane	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Methane	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**79**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**790,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1-Difluoroethane	ND		ug/m3	5.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 12	**0.42**		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 12	**2.1**		ug/m3	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 114	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 114	ND		ug/m3	2.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloromethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloromethane	ND		ug/m3	0.83	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Vinyl Chloride	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Vinyl Chloride	ND		ug/m3	1.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromomethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromomethane	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloroethane	ND		ug/m3	1.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Trichlorofluoromethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Trichlorofluoromethane	ND		ug/m3	2.2	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 113	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Freon 113	ND		ug/m3	3.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Acetone	**7.8**		ppbv	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Acetone	**19**		ug/m3	4.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Carbon Disulfide	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Carbon Disulfide	ND		ug/m3	1.2	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Isopropanol (IPA)	ND		ppbv	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Isopropanol (IPA)	ND		ug/m3	4.9	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Methylene Chloride	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Methylene Chloride	ND		ug/m3	1.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
MTBE	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
MTBE	ND		ug/m3	1.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
n-Hexane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
n-Hexane	ND		ug/m3	1.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Vinyl Acetate	ND		ppbv	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Vinyl Acetate	ND		ug/m3	7.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
2-Butanone	ND		ppbv	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
2-Butanone	ND		ug/m3	5.9	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloroform	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chloroform	ND		ug/m3	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,1-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Carbon Tetrachloride	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Carbon Tetrachloride	ND		ug/m3	2.5	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Benzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Benzene	ND		ug/m3	1.3	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Trichloroethene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Trichloroethene	ND		ug/m3	2.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichloropropane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichloropropane	ND		ug/m3	1.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromodichloromethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromodichloromethane	ND		ug/m3	2.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Toluene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Toluene	ND		ug/m3	1.5	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Tetrachloroethene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Tetrachloroethene	ND		ug/m3	2.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
2-Hexanone	ND		ppbv	1.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
2-Hexanone	ND		ug/m3	4.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Dibromochloromethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Dibromochloromethane	ND		ug/m3	3.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dibromoethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dibromoethane	ND		ug/m3	3.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Chlorobenzene	ND		ug/m3	1.8	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Ethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Ethylbenzene	ND		ug/m3	1.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
m,p-Xylenes	ND		ppbv	0.80	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
m,p-Xylenes	ND		ug/m3	3.5	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
o-Xylene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
o-Xylene	ND		ug/m3	1.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Styrene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Styrene	ND		ug/m3	1.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromoform	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Bromoform	ND		ug/m3	4.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
4-Ethyltoluene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
4-Ethyltoluene	ND		ug/m3	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,3-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,4-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Benzyl chloride	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Benzyl chloride	ND		ug/m3	2.1	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Hexachlorobutadiene	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Hexachlorobutadiene	ND		ug/m3	4.3	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Xylene (total)	ND		ppbv	0.40	2	286240	03/25/22 16:19	03/25/22 16:19	DJL
Xylene (total)	ND		ug/m3	1.7	2	286240	03/25/22 16:19	03/25/22 16:19	DJL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 460113

460113-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates				**Limits**					
Bromofluorobenzene	113%		%REC	60-140	2	286240	03/25/22 16:19	03/25/22 16:19	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

Sample ID: SV-2	Lab ID: 460113-002	Collected: 03/23/22 10:35
	Matrix: Air	

460113-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Helium	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**2.5**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**25,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**19**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**190,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Methane	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Methane	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**79**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**790,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1-Difluoroethane	ND		ug/m3	5.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 12	**0.42**		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 12	**2.1**		ug/m3	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 114	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 114	ND		ug/m3	2.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloromethane	ND		ug/m3	0.83	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Vinyl Chloride	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Vinyl Chloride	ND		ug/m3	1.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromomethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromomethane	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloroethane	ND		ug/m3	1.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Trichlorofluoromethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Trichlorofluoromethane	ND		ug/m3	2.2	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 113	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Freon 113	ND		ug/m3	3.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Acetone	ND		ppbv	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Acetone	ND		ug/m3	4.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Carbon Disulfide	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Carbon Disulfide	ND		ug/m3	1.2	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Isopropanol (IPA)	ND		ppbv	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Isopropanol (IPA)	ND		ug/m3	4.9	2	286240	03/25/22 17:08	03/25/22 17:08	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Methylene Chloride	ND		ug/m3	1.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
MTBE	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
MTBE	ND		ug/m3	1.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
n-Hexane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
n-Hexane	ND		ug/m3	1.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Vinyl Acetate	ND		ppbv	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Vinyl Acetate	ND		ug/m3	7.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
2-Butanone	ND		ppbv	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
2-Butanone	ND		ug/m3	5.9	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloroform	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chloroform	ND		ug/m3	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,1-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Carbon Tetrachloride	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Carbon Tetrachloride	ND		ug/m3	2.5	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Benzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Benzene	ND		ug/m3	1.3	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Trichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Trichloroethene	ND		ug/m3	2.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichloropropane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichloropropane	ND		ug/m3	1.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromodichloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromodichloromethane	ND		ug/m3	2.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Toluene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Toluene	ND		ug/m3	1.5	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,2-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Tetrachloroethene	**0.69**		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Tetrachloroethene	**4.7**		ug/m3	2.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
2-Hexanone	ND		ppbv	1.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
2-Hexanone	ND		ug/m3	4.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 460113

460113-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Dibromochloromethane	ND		ug/m3	3.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dibromoethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dibromoethane	ND		ug/m3	3.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Chlorobenzene	ND		ug/m3	1.8	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Ethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Ethylbenzene	ND		ug/m3	1.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
m,p-Xylenes	ND		ppbv	0.80	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
m,p-Xylenes	ND		ug/m3	3.5	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
o-Xylene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
o-Xylene	ND		ug/m3	1.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Styrene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Styrene	ND		ug/m3	1.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromoform	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Bromoform	ND		ug/m3	4.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
4-Ethyltoluene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
4-Ethyltoluene	ND		ug/m3	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,3-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,4-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Benzyl chloride	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Benzyl chloride	ND		ug/m3	2.1	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Hexachlorobutadiene	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Hexachlorobutadiene	ND		ug/m3	4.3	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Xylene (total)	ND		ppbv	0.40	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Xylene (total)	ND		ug/m3	1.7	2	286240	03/25/22 17:08	03/25/22 17:08	DJL
Surrogates				**Limits**					
Bromofluorobenzene	115%		%REC	60-140	2	286240	03/25/22 17:08	03/25/22 17:08	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

Sample ID: SV-2-DUP	Lab ID: 460113-003	Collected: 03/23/22 10:35
	Matrix: Air	

460113-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Helium	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**2.5**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**25,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**19**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**190,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Methane	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Methane	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**78**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**780,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1-Difluoroethane	ND		ug/m3	5.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 12	**0.43**		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 12	**2.1**		ug/m3	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 114	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 114	ND		ug/m3	2.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloromethane	ND		ug/m3	0.83	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Vinyl Chloride	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Vinyl Chloride	ND		ug/m3	1.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromomethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromomethane	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloroethane	ND		ug/m3	1.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Trichlorofluoromethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Trichlorofluoromethane	ND		ug/m3	2.2	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 113	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Freon 113	ND		ug/m3	3.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Acetone	**3.2**		ppbv	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Acetone	**7.7**		ug/m3	4.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Carbon Disulfide	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Carbon Disulfide	ND		ug/m3	1.2	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Isopropanol (IPA)	ND		ppbv	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Isopropanol (IPA)	ND		ug/m3	4.9	2	286240	03/25/22 17:58	03/25/22 17:58	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Methylene Chloride	ND		ug/m3	1.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
MTBE	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
MTBE	ND		ug/m3	1.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
n-Hexane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
n-Hexane	ND		ug/m3	1.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Vinyl Acetate	ND		ppbv	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Vinyl Acetate	ND		ug/m3	7.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
2-Butanone	ND		ppbv	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
2-Butanone	ND		ug/m3	5.9	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloroform	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chloroform	ND		ug/m3	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,1-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Carbon Tetrachloride	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Carbon Tetrachloride	ND		ug/m3	2.5	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Benzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Benzene	ND		ug/m3	1.3	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Trichloroethene	**0.50**		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Trichloroethene	**2.7**		ug/m3	2.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichloropropane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichloropropane	ND		ug/m3	1.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromodichloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromodichloromethane	ND		ug/m3	2.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Toluene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Toluene	ND		ug/m3	1.5	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,2-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Tetrachloroethene	**0.69**		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Tetrachloroethene	**4.7**		ug/m3	2.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
2-Hexanone	ND		ppbv	1.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
2-Hexanone	ND		ug/m3	4.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Dibromochloromethane	ND		ug/m3	3.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dibromoethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dibromoethane	ND		ug/m3	3.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Chlorobenzene	ND		ug/m3	1.8	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Ethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Ethylbenzene	ND		ug/m3	1.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
m,p-Xylenes	ND		ppbv	0.80	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
m,p-Xylenes	ND		ug/m3	3.5	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
o-Xylene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
o-Xylene	ND		ug/m3	1.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Styrene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Styrene	ND		ug/m3	1.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromoform	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Bromoform	ND		ug/m3	4.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
4-Ethyltoluene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
4-Ethyltoluene	ND		ug/m3	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,3-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,4-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Benzyl chloride	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Benzyl chloride	ND		ug/m3	2.1	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Hexachlorobutadiene	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Hexachlorobutadiene	ND		ug/m3	4.3	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Xylene (total)	ND		ppbv	0.40	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Xylene (total)	ND		ug/m3	1.7	2	286240	03/25/22 17:58	03/25/22 17:58	DJL
Surrogates				**Limits**					
Bromofluorobenzene	116%		%REC	60-140	2	286240	03/25/22 17:58	03/25/22 17:58	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

Sample ID: SV-3	Lab ID: 460113-004	Collected: 03/23/22 11:14
	Matrix: Air	

460113-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Helium	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Monoxide	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**4.0**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Carbon Dioxide	**40,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**18**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Oxygen/Argon	**180,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Methane	ND		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Methane	ND		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**78**		Mol %	0.20	2	286139	03/24/22	03/24/22	MPD
Nitrogen	**780,000**		ppmv	2,000	2	286139	03/24/22	03/24/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1-Difluoroethane	ND		ug/m3	5.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 12	**0.42**		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 12	**2.1**		ug/m3	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 114	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 114	ND		ug/m3	2.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloromethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloromethane	ND		ug/m3	0.83	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Vinyl Chloride	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Vinyl Chloride	ND		ug/m3	1.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromomethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromomethane	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloroethane	ND		ug/m3	1.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Trichlorofluoromethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Trichlorofluoromethane	ND		ug/m3	2.2	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 113	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Freon 113	ND		ug/m3	3.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Acetone	**3.3**		ppbv	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Acetone	**7.8**		ug/m3	4.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Carbon Disulfide	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Carbon Disulfide	ND		ug/m3	1.2	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Isopropanol (IPA)	ND		ppbv	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Isopropanol (IPA)	ND		ug/m3	4.9	2	286240	03/25/22 18:47	03/25/22 18:47	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Methylene Chloride	ND		ug/m3	1.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
MTBE	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
MTBE	ND		ug/m3	1.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
n-Hexane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
n-Hexane	ND		ug/m3	1.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Vinyl Acetate	ND		ppbv	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Vinyl Acetate	ND		ug/m3	7.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
2-Butanone	ND		ppbv	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
2-Butanone	ND		ug/m3	5.9	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloroform	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chloroform	ND		ug/m3	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,1-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Carbon Tetrachloride	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Carbon Tetrachloride	ND		ug/m3	2.5	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Benzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Benzene	ND		ug/m3	1.3	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichloroethane	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Trichloroethene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Trichloroethene	ND		ug/m3	2.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichloropropane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichloropropane	ND		ug/m3	1.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromodichloromethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromodichloromethane	ND		ug/m3	2.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Toluene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Toluene	ND		ug/m3	1.5	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,2-Trichloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Tetrachloroethene	**1.3**		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Tetrachloroethene	**8.9**		ug/m3	2.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
2-Hexanone	ND		ppbv	1.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
2-Hexanone	ND		ug/m3	4.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 460113

460113-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Dibromochloromethane	ND		ug/m3	3.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dibromoethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dibromoethane	ND		ug/m3	3.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Chlorobenzene	ND		ug/m3	1.8	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Ethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Ethylbenzene	ND		ug/m3	1.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
m,p-Xylenes	ND		ppbv	0.80	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
m,p-Xylenes	ND		ug/m3	3.5	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
o-Xylene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
o-Xylene	ND		ug/m3	1.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Styrene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Styrene	ND		ug/m3	1.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromoform	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Bromoform	ND		ug/m3	4.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
4-Ethyltoluene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
4-Ethyltoluene	ND		ug/m3	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,3-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,4-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Benzyl chloride	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Benzyl chloride	ND		ug/m3	2.1	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Hexachlorobutadiene	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Hexachlorobutadiene	ND		ug/m3	4.3	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Xylene (total)	ND		ppbv	0.40	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Xylene (total)	ND		ug/m3	1.7	2	286240	03/25/22 18:47	03/25/22 18:47	DJL
Surrogates				**Limits**					
Bromofluorobenzene	115%		%REC	60-140	2	286240	03/25/22 18:47	03/25/22 18:47	DJL

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC979271	**Batch:** 286139
Matrix: Air	**Method:** ASTM D1946	**Prep Method:** METHOD

QC979271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Helium	9.914	10.00	mol %	99%		85-115
Carbon Monoxide	6.944	7.000	mol %	99%		85-115
Carbon Dioxide	14.88	15.00	mol %	99%		85-115
Oxygen/Argon	4.066	4.000	mol %	102%		85-115
Methane	4.135	4.000	mol %	103%		85-115

Type: Lab Control Sample Duplicate	**Lab ID:** QC979272	**Batch:** 286139
Matrix: Air	**Method:** ASTM D1946	**Prep Method:** METHOD

QC979272 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Helium	9.957	10.00	mol %	100%		85-115	0	10
Carbon Monoxide	6.917	7.000	mol %	99%		85-115	0	10
Carbon Dioxide	14.86	15.00	mol %	99%		85-115	0	10
Oxygen/Argon	4.050	4.000	mol %	101%		85-115	0	10
Methane	4.109	4.000	mol %	103%		85-115	1	10

Type: Blank	**Lab ID:** QC979273	**Batch:** 286139
Matrix: Air	**Method:** ASTM D1946	**Prep Method:** METHOD

QC979273 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Helium	ND		mol %	0.10	03/24/22	03/24/22
Carbon Monoxide	ND		mol %	0.10	03/24/22	03/24/22
Carbon Dioxide	ND		mol %	0.10	03/24/22	03/24/22
Oxygen/Argon	ND		mol %	0.10	03/24/22	03/24/22
Methane	ND		mol %	0.10	03/24/22	03/24/22
Nitrogen	ND		mol %	0.10	03/24/22	03/24/22

Type: Sample Duplicate	**Lab ID:** QC979274	**Batch:** 286139
Matrix (Source ID): Air (460052-001)	**Method:** ASTM D1946	**Prep Method:** METHOD

QC979274 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %			20	2
Carbon Monoxide	ND	ND	mol %			20	2
Carbon Dioxide	4.928	4.929	mol %		0	20	2
Oxygen/Argon	15.92	15.92	mol %		0	20	2
Methane	ND	0.002000	mol %		0	20	2
Nitrogen	79.15	79.15	mol %		0	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC979275**	**Batch:**	**286139**
Matrix (Source ID):	**Air (460113-001)**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC979275 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %			20	2
Carbon Monoxide	ND	ND	mol %			20	2
Carbon Dioxide	3.527	3.529	mol %		0	20	2
Oxygen/Argon	17.63	17.64	mol %		0	20	2
Methane	ND	ND	mol %			20	2
Nitrogen	78.85	78.83	mol %		0	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC979595**	**Batch:**	**286240**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC979595 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	9.526	10.00	ppbv	95%		70-130
Freon 12	8.484	10.00	ppbv	85%		70-130
Freon 114	9.141	10.00	ppbv	91%		70-130
Chloromethane	8.250	10.00	ppbv	83%		70-130
Vinyl Chloride	8.696	10.00	ppbv	87%		70-130
Bromomethane	8.916	10.00	ppbv	89%		70-130
Chloroethane	8.311	10.00	ppbv	83%		70-130
Trichlorofluoromethane	8.839	10.00	ppbv	88%		70-130
1,1-Dichloroethene	8.627	10.00	ppbv	86%		70-130
Freon 113	8.970	10.00	ppbv	90%		70-130
Acetone	7.765	10.00	ppbv	78%		70-130
Carbon Disulfide	9.711	10.00	ppbv	97%		70-130
Isopropanol (IPA)	8.378	10.00	ppbv	84%		70-130
Methylene Chloride	8.082	10.00	ppbv	81%		70-130
trans-1,2-Dichloroethene	8.706	10.00	ppbv	87%		70-130
MTBE	8.580	10.00	ppbv	86%		70-130
n-Hexane	8.550	10.00	ppbv	86%		70-130
1,1-Dichloroethane	8.829	10.00	ppbv	88%		70-130
Vinyl Acetate	8.241	10.00	ppbv	82%		70-130
cis-1,2-Dichloroethene	8.712	10.00	ppbv	87%		70-130
2-Butanone	9.280	10.00	ppbv	93%		70-130
Chloroform	8.992	10.00	ppbv	90%		70-130
1,1,1-Trichloroethane	9.180	10.00	ppbv	92%		70-130
Carbon Tetrachloride	9.522	10.00	ppbv	95%		70-130
Benzene	8.995	10.00	ppbv	90%		70-130
1,2-Dichloroethane	8.447	10.00	ppbv	84%		70-130
Trichloroethene	9.737	10.00	ppbv	97%		70-130
1,2-Dichloropropane	8.354	10.00	ppbv	84%		70-130
Bromodichloromethane	9.063	10.00	ppbv	91%		70-130
cis-1,3-Dichloropropene	9.650	10.00	ppbv	97%		70-130
4-Methyl-2-Pentanone	9.540	10.00	ppbv	95%		70-130
Toluene	8.502	10.00	ppbv	85%		70-130
trans-1,3-Dichloropropene	10.00	10.00	ppbv	100%		70-130
1,1,2-Trichloroethane	9.080	10.00	ppbv	91%		70-130
Tetrachloroethene	9.888	10.00	ppbv	99%		70-130
2-Hexanone	9.763	10.00	ppbv	98%		70-130
Dibromochloromethane	9.928	10.00	ppbv	99%		70-130
1,2-Dibromoethane	9.549	10.00	ppbv	95%		70-130
Chlorobenzene	8.966	10.00	ppbv	90%		70-130
Ethylbenzene	9.383	10.00	ppbv	94%		70-130
m,p-Xylenes	17.73	20.00	ppbv	89%		70-130
o-Xylene	8.953	10.00	ppbv	90%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC979595 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Styrene	10.17	10.00	ppbv	102%		70-130
Bromoform	10.89	10.00	ppbv	109%		70-130
1,1,2,2-Tetrachloroethane	9.468	10.00	ppbv	95%		70-130
1,1,1,2-Tetrachloroethane	10.14	10.00	ppbv	101%		70-130
4-Ethyltoluene	9.701	10.00	ppbv	97%		70-130
1,3,5-Trimethylbenzene	9.570	10.00	ppbv	96%		70-130
1,2,4-Trimethylbenzene	8.313	10.00	ppbv	83%	b	70-130
1,3-Dichlorobenzene	9.791	10.00	ppbv	98%		70-130
1,4-Dichlorobenzene	9.404	10.00	ppbv	94%		70-130
Benzyl chloride	9.587	10.00	ppbv	96%	b	70-130
1,2-Dichlorobenzene	9.687	10.00	ppbv	97%		70-130
1,2,4-Trichlorobenzene	8.965	10.00	ppbv	90%	b	70-130
Hexachlorobutadiene	10.25	10.00	ppbv	103%		70-130
Surrogates						
Bromofluorobenzene	10.82	10.00	ppbv	108%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC979596**	**Batch:**	**286240**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC979596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	9.002	10.00	ppbv	90%		70-130	6	25
Freon 12	8.444	10.00	ppbv	84%		70-130	0	25
Freon 114	9.124	10.00	ppbv	91%		70-130	0	25
Chloromethane	8.321	10.00	ppbv	83%		70-130	1	25
Vinyl Chloride	8.744	10.00	ppbv	87%		70-130	1	25
Bromomethane	8.795	10.00	ppbv	88%		70-130	1	25
Chloroethane	8.457	10.00	ppbv	85%		70-130	2	25
Trichlorofluoromethane	8.623	10.00	ppbv	86%		70-130	2	25
1,1-Dichloroethene	8.195	10.00	ppbv	82%		70-130	5	25
Freon 113	8.765	10.00	ppbv	88%		70-130	2	25
Acetone	7.933	10.00	ppbv	79%		70-130	2	25
Carbon Disulfide	9.611	10.00	ppbv	96%		70-130	1	25
Isopropanol (IPA)	8.662	10.00	ppbv	87%		70-130	3	25
Methylene Chloride	7.467	10.00	ppbv	75%		70-130	8	25
trans-1,2-Dichloroethene	8.599	10.00	ppbv	86%		70-130	1	25
MTBE	8.544	10.00	ppbv	85%		70-130	0	25
n-Hexane	8.544	10.00	ppbv	85%		70-130	0	25
1,1-Dichloroethane	8.669	10.00	ppbv	87%		70-130	2	25
Vinyl Acetate	8.314	10.00	ppbv	83%		70-130	1	25
cis-1,2-Dichloroethene	8.585	10.00	ppbv	86%		70-130	1	25
2-Butanone	9.126	10.00	ppbv	91%		70-130	2	25
Chloroform	8.918	10.00	ppbv	89%		70-130	1	25
1,1,1-Trichloroethane	9.083	10.00	ppbv	91%		70-130	1	25
Carbon Tetrachloride	9.418	10.00	ppbv	94%		70-130	1	25
Benzene	8.888	10.00	ppbv	89%		70-130	1	25
1,2-Dichloroethane	8.494	10.00	ppbv	85%		70-130	1	25
Trichloroethene	9.642	10.00	ppbv	96%		70-130	1	25
1,2-Dichloropropane	8.227	10.00	ppbv	82%		70-130	2	25
Bromodichloromethane	9.068	10.00	ppbv	91%		70-130	0	25
cis-1,3-Dichloropropene	9.772	10.00	ppbv	98%		70-130	1	25
4-Methyl-2-Pentanone	9.572	10.00	ppbv	96%		70-130	0	25
Toluene	8.506	10.00	ppbv	85%		70-130	0	25
trans-1,3-Dichloropropene	9.440	10.00	ppbv	94%		70-130	6	25
1,1,2-Trichloroethane	9.182	10.00	ppbv	92%		70-130	1	25
Tetrachloroethene	9.931	10.00	ppbv	99%		70-130	0	25
2-Hexanone	9.669	10.00	ppbv	97%		70-130	1	25
Dibromochloromethane	9.888	10.00	ppbv	99%		70-130	0	25
1,2-Dibromoethane	9.541	10.00	ppbv	95%		70-130	0	25
Chlorobenzene	9.368	10.00	ppbv	94%		70-130	4	25
Ethylbenzene	9.403	10.00	ppbv	94%		70-130	0	25
m,p-Xylenes	17.82	20.00	ppbv	89%		70-130	0	25

ENTHALPY ANALYTICAL

Batch QC

QC979596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
o-Xylene	9.023	10.00	ppbv	90%		70-130	1	25
Styrene	10.26	10.00	ppbv	103%		70-130	1	25
Bromoform	10.90	10.00	ppbv	109%		70-130	0	25
1,1,2,2-Tetrachloroethane	9.445	10.00	ppbv	94%		70-130	0	25
1,1,1,2-Tetrachloroethane	10.03	10.00	ppbv	100%		70-130	1	25
4-Ethyltoluene	9.855	10.00	ppbv	99%		70-130	2	25
1,3,5-Trimethylbenzene	9.618	10.00	ppbv	96%		70-130	0	25
1,2,4-Trimethylbenzene	8.510	10.00	ppbv	85%	b	70-130	2	25
1,3-Dichlorobenzene	9.789	10.00	ppbv	98%		70-130	0	25
1,4-Dichlorobenzene	9.584	10.00	ppbv	96%		70-130	2	25
Benzyl chloride	9.564	10.00	ppbv	96%	b	70-130	0	25
1,2-Dichlorobenzene	9.846	10.00	ppbv	98%		70-130	2	25
1,2,4-Trichlorobenzene	9.656	10.00	ppbv	97%	b	70-130	7	25
Hexachlorobutadiene	10.59	10.00	ppbv	106%		70-130	3	25
Surrogates								
Bromofluorobenzene	10.93	10.00	ppbv	109%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC979597**	**Batch:**	**286240**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC979597 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	03/25/22 13:21	03/25/22 13:21
Freon 12	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Freon 114	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Chloromethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Vinyl Chloride	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Bromomethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Chloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Trichlorofluoromethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1-Dichloroethene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Freon 113	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Acetone	ND		ppbv	1.0	03/25/22 13:21	03/25/22 13:21
Carbon Disulfide	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Isopropanol (IPA)	ND		ppbv	1.0	03/25/22 13:21	03/25/22 13:21
Methylene Chloride	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
trans-1,2-Dichloroethene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
MTBE	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
n-Hexane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1-Dichloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Vinyl Acetate	ND		ppbv	1.0	03/25/22 13:21	03/25/22 13:21
cis-1,2-Dichloroethene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
2-Butanone	ND		ppbv	1.0	03/25/22 13:21	03/25/22 13:21
Chloroform	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1,1-Trichloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Carbon Tetrachloride	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Benzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2-Dichloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Trichloroethene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2-Dichloropropane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Bromodichloromethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
cis-1,3-Dichloropropene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
4-Methyl-2-Pentanone	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Toluene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
trans-1,3-Dichloropropene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1,2-Trichloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Tetrachloroethene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
2-Hexanone	ND		ppbv	0.50	03/25/22 13:21	03/25/22 13:21
Dibromochloromethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2-Dibromoethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Chlorobenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Ethylbenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
m,p-Xylenes	ND		ppbv	0.40	03/25/22 13:21	03/25/22 13:21
o-Xylene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21

ENTHALPY ANALYTICAL

Batch QC

QC979597 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Styrene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Bromoform	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
4-Ethyltoluene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,3,5-Trimethylbenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2,4-Trimethylbenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,3-Dichlorobenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,4-Dichlorobenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Benzyl chloride	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2-Dichlorobenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
1,2,4-Trichlorobenzene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Hexachlorobutadiene	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Xylene (total)	ND		ppbv	0.20	03/25/22 13:21	03/25/22 13:21
Surrogates				**Limits**		
Bromofluorobenzene	115%		%REC	60-140	03/25/22 13:21	03/25/22 13:21

ND Not Detected
b See narrative