

**From:** [Pawlina, Joanna \(DEM\)](#)  
**To:** [Marie Knapp](#)  
**Cc:** [Blauvelt, Ashley \(DEM\)](#); [Owens, Kelly \(DEM\)](#); [Tim Thies](#)  
**Subject:** RE: Rogers High School Excavation Soil Samples  
**Date:** Friday, June 2, 2023 2:48:00 PM  
**Attachments:** [2023-01-24 Soil Analytical NETL 3A12020 EDD.xlsx](#)  
[2023-01-24 Soil Analytical NETL 3A12020.pdf](#)  
[2023-02-03 Soil Analytical NETL 3A30042 EDD.xlsx](#)  
[2023-02-03 Soil Analytical NETL 3A30042.pdf](#)  
[2023-02-09 Soil Analytical NETL 3A31066 EDD.xlsx](#)  
[2023-02-09 Soil Analytical NETL 3A31066.pdf](#)  
[2023-02-10 Soil Analytical NETL 3B01053 EDD.xlsx](#)  
[2023-02-10 Soil Analytical NETL 3B01053.pdf](#)  
[2023-02-27 Soil Analytical NETL 3B14068 EDD.xlsx](#)  
[2023-02-27 Soil Analytical NETL 3B14068.pdf](#)  
[2023-03-01 Soil Analytical NETL 3B15047 EDD.xlsx](#)  
[2023-03-01 Soil Analytical NETL 3B15047.pdf](#)  
[2023-03-02 Soil Analytical NETL 3B17036 EDD.xlsx](#)  
[2023-03-02 Soil Analytical NETL 3B17036.pdf](#)  
[2023-03-17 Soil Analytical NETL 3C09048 EDD.xlsx](#)  
[2023-03-17 Soil Analytical NETL 3C09048.pdf](#)  
[2023-03-21 Soil Analytical NETL Revised 3C09048 EDD.xlsx](#)  
[2023-03-21 Soil Analytical NETL Revised 3C09048.pdf](#)  
[2023-03-28 Soil Analytical NETL 3C22073 EDD.xlsx](#)  
[2023-03-28 Soil Analytical NETL 3C22073.pdf](#)  
[2023-04-05 Soil Analytical NETL 3C28070 EDD.xlsx](#)  
[2023-04-05 Soil Analytical NETL 3C28070.pdf](#)  
[2023-04-11 Soil Analytical NETL 3C31056 EDD.xlsx](#)  
[2023-04-11 Soil Analytical NETL 3C31056.pdf](#)  
[2023-01-04 - 21106.00 Rev Dig & Haul Proposed Sample Locations.pdf](#)  
[image001.png](#)

Hi Marie,

I received the results from the school building foundation sampling last week. This set of sampling data are referred to as the “Confirmatory Sampling” which are the ones collected post-excavation along the sidewalls and at the bottom of the excavation area. Please see attached laboratory analytical data reports from the 3<sup>rd</sup> party lab and the lab summary tables for the confirmatory sampling.

The Confirmatory Sampling was conducted from January through April of 2023, with some additional confirmatory samples still needing to be collected. Pare stated that the reason why more samples still need to be collected is because that area of the excavation is not able to be sampled at this time. Also, samples were also not taken where they encountered ledge (layer of rock). I would like to note that one sidewall sample (157) came back with a petroleum concentration above the Residential Direct Exposure Criteria of 500 ppm. After discovery, the contractor over-excavated that area and resampled. The re-sample came back as non-detect for petroleum, indicating that the petroleum impacted soil in this area has been excavated, and that report is included, and the sample labeled as 157A.

There seems to be some misunderstanding on our part as to which set of sampling data that you’re requesting. I believe I have emailed over all of the data that the Department has received to date but to make sure, I’ve put together a table of summarizing all of the sampling events, their corresponding lab reports, and the date the I emailed them. Please let me know if there is anything in this table that you do not have record of, and I will send it over. To be clear, this is all of the data we have on file for this project.

Sampling Event:	Phase II ESA - Pre-excavation Characterization		Stockpile Characterization		Confirmatory Sampling - Building Foundation	
Sampling Period:	Jan-Mar 2022		Mar-23		Jan-Apr 2023	
3rd Party Lab:	New England Testing Laboratory (NETL)		NETL		NETL	
	WO#	Report Date	WO#	Report Date	WO#	Report Date
	2B01034	2/8/2022	3C30057	4/13/2023	3A12020	1/24/2023
	2B02020	2/9/2022			3A30042	2/3/2023
	2B03031	2/10/2022			3A31066	2/9/2023
	2C02069	3/14/2022			3B01053	2/10/2023
	2C02070	3/14/2022			3B14068	2/27/2023
	2C02071	3/14/2022			3B15047	3/1/2023
	2C02068	3/17/2022			3B17036	3/2/2023
					3C09048	3/17/2023
					3C09048 (& revised)	3/21/2023
					3C22073	3/28/2023
					3C28070	4/5/2023
					3C31056	4/11/2023

Additionally, the Department has required the contractor to install dust monitors to better evaluate the dispersion of dust, along with additional regular watering, as previously discussed. The contractor has agreed to **water active work areas and roadways 3x a day and the stockpile 1x a day**. Logs of when the watering has taken place are to be kept every day.

To answer your question about pages 225-235 of the 4/13/23 report, those pages are for quality control purposes. It is the lab’s own internal quality control tests to ensure that their testing equipment is running appropriately. All lab reports should have a Quality Assurance/Quality Control section near the end of the report.

Please let me know if you have any additional questions or concerns.

Thank you,

Joanna



**Rhode Island Department of  
Environmental Management**  
Office of Land Revitalization and  
Sustainable Materials Management

**Joanna Pawlina**, Environmental Scientist  
RI Department of Environmental Management  
Office of Land Revitalization and Sustainable Materials Management  
Site Remediation Program  
235 Promenade Street  
Providence, RI 02908  
(401) 222-2797 ext. 2777117  
[joanna.pawlina@dem.ri.gov](mailto:joanna.pawlina@dem.ri.gov)

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**From:** Marie Knapp <mariesmithknapp@gmail.com>  
**Sent:** Wednesday, May 24, 2023 9:56 AM  
**To:** Pawlina, Joanna (DEM) <Joanna.Pawlina@dem.ri.gov>  
**Subject:** Rogers High School Excavation Soil Samples

**This Message Is From an External Sender**

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Hi Joanna:

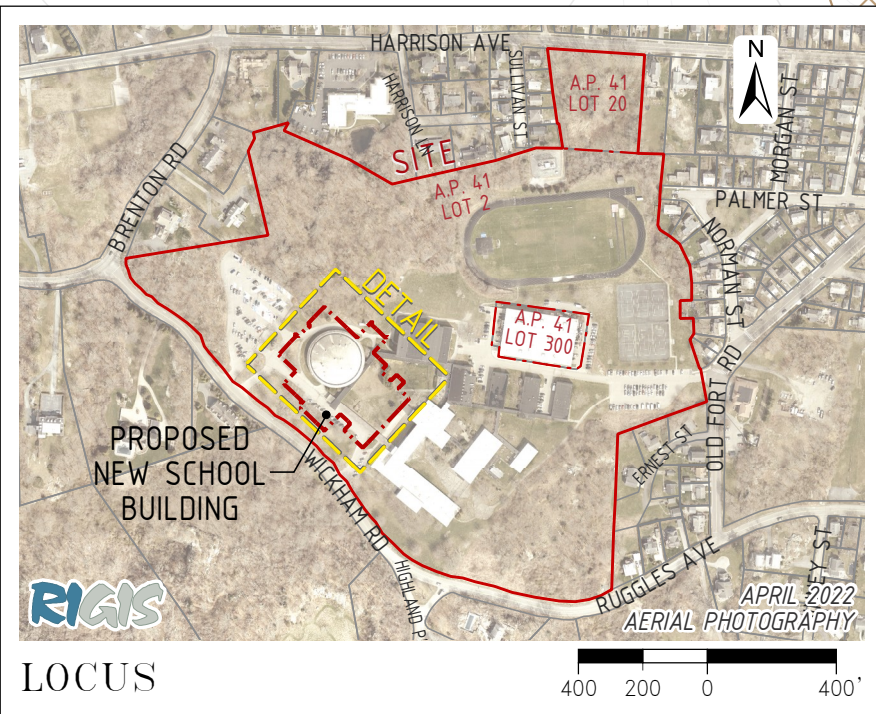
Thanks for your recent time on the phone. Always interesting to speak with you!

Can the neighborhood group please get results for the soil samples taken during the initial excavation?  
The construction company mentioned samples were taken during excavation.

Thank you for the 4-13-23 report from New England Testing Laboratories.  
Can you please explain what pages 225-235 are?  
They do not appear to correlate with the Stockpile Summary Table.

Thanks for your help,

Marie

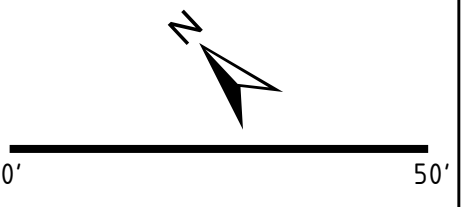


LOCUS  
400 200 0 400'

BUILDING DIMENSIONS ARE PROVIDED FOR REFERENCE PURPOSES ONLY AND ARE APPROXIMATE. THIS PLAN IS NOT TO BE USED FOR CONSTRUCTION.



ENGINEERS - SCIENTISTS - PLANNERS  
8 BLACKSTONE VALLEY PLACE  
LINCOLN, RI 02865  
401-334-4100



### FOUNDATION SAMPLING PLAN

WILLIAM S. ROGERS HIGH SCHOOL  
15 WICKHAM ROAD & 109 OLD FORT ROAD  
NEWPORT, RHODE ISLAND

#### LEGEND

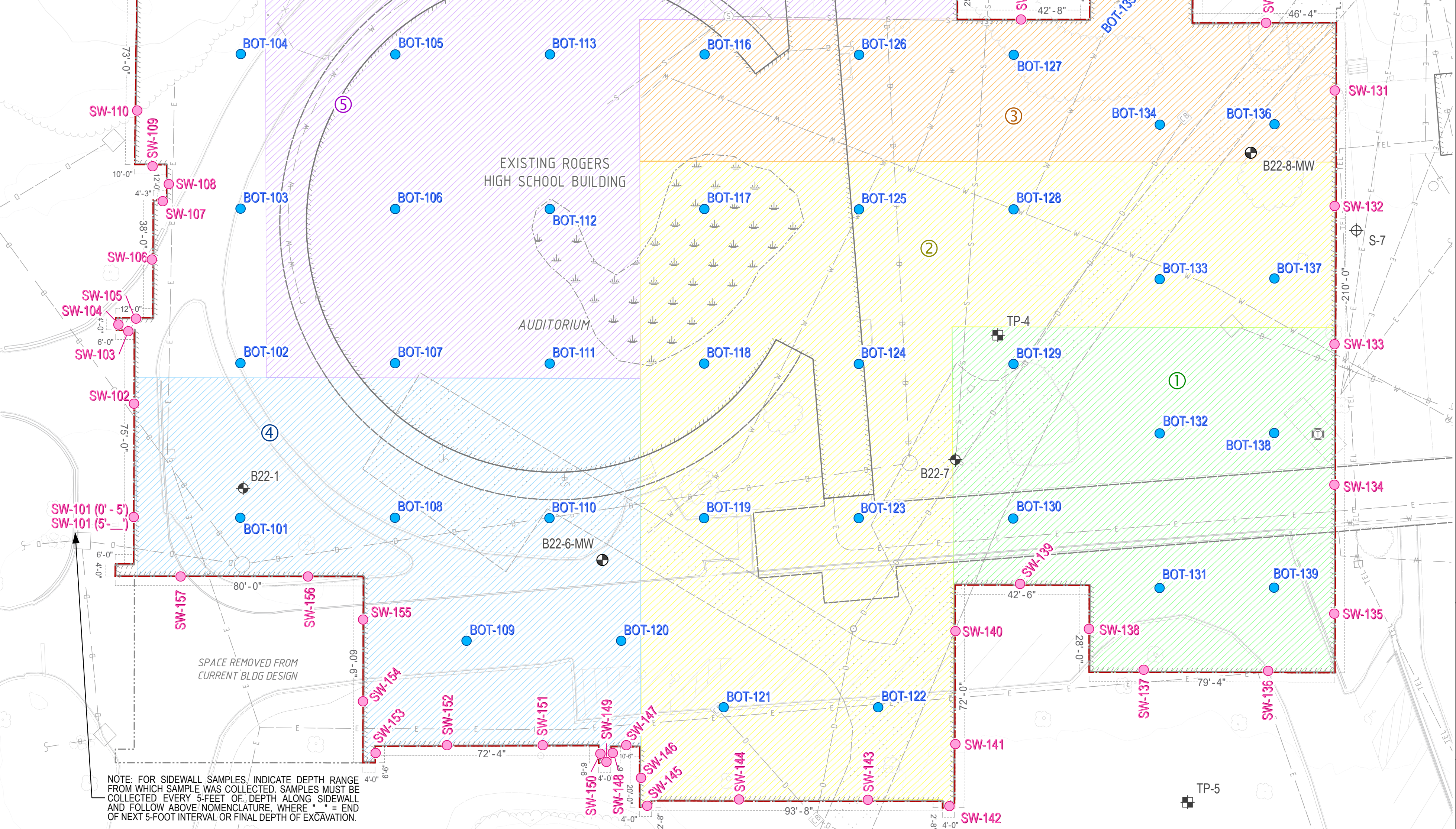
- PROPOSED NEW SCHOOL BUILDING PERIMETER
- ANTICIPATED ORDER OF EXCAVATION
- PROPOSED SAMPLE LOCATIONS**
  - BOTTOM SAMPLES (39 TOTAL)
  - SIDEWALL SAMPLES (57 PER 5' OF DEPTH)
- EXISTING SAMPLING LOCATIONS**
  - MONITORING WELL
  - SOIL BORING
  - SURFICIAL SOIL SAMPLE
  - TEST PIT
  - SOIL BORINGS PERFORMED BY GEI IN DEC 2019
- EXISTING FEATURES**
  - EXISTING SITE BUILDING
  - EXISTING BUILDING OVERHANG
  - ASPHALT PAVEMENT
  - TREELINE
  - INDIVIDUAL TREES/SHRUBS
  - FENCE
- HISTORICAL AND/OR UNVERIFIED UTILITIES**
  - DRAIN LINE
  - WATER LINE
  - SEWER LINE
  - UNDERGROUND ELECTRICAL
  - UTILITY MANHOLES, CATCH BASINS, ETC.
- HISTORICAL FEATURES**
  - FORMER QUARRY
  - FORMER ROAD TO MILITARY BASE
  - HISTORICAL WETLANDS (FILLED)
  - TRANSFORMER
- ELEVATION CONTOURS**
  - MINOR (2-FT INTERVAL)
  - MAJOR (10-FT INTERVAL)



FIGURE 1

PARE PROJECT: 21106.00  
DATE: DEC 2022  
DRAWN BY: AWB

**PROPOSED NEW BUILDING PERIMETER:**  
1,660'-0" ±  
**AREA:**  
96,500 FT² ±



NOTE: FOR SIDEWALL SAMPLES, INDICATE DEPTH RANGE FROM WHICH SAMPLE WAS COLLECTED. SAMPLES MUST BE COLLECTED EVERY 5-FOOT OF DEPTH ALONG SIDEWALL AND FOLLOW ABOVE NOMENCLATURE, WHERE " " = END OF NEXT 5-FOOT INTERVAL OR FINAL DEPTH OF EXCAVATION.



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3A12020**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 24-January-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 01/12/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3A12020. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3A12020-01	BOT-139	Soil	01/11/2023	01/12/2023
3A12020-02	BOT-138	Soil	01/11/2023	01/12/2023
3A12020-03	BOT-132	Soil	01/11/2023	01/12/2023
3A12020-04	BOT-130	Soil	01/11/2023	01/12/2023
3A12020-05	BOT-131	Soil	01/11/2023	01/12/2023
3A12020-06	BOT-129	Soil	01/11/2023	01/12/2023
3A12020-07	BOT-137	Soil	01/11/2023	01/12/2023
3A12020-08	BOT-133	Soil	01/11/2023	01/12/2023
3A12020-09	BOT-128	Soil	01/11/2023	01/12/2023
3A12020-10	BOT-125	Soil	01/11/2023	01/12/2023
3A12020-11	BOT-136	Soil	01/11/2023	01/12/2023
3A12020-12	BOT-135	Soil	01/11/2023	01/12/2023
3A12020-13	BOT-127	Soil	01/11/2023	01/12/2023
3A12020-14	DUP-1	Soil	01/11/2023	01/12/2023
3A12020-15	Trip Blank	Soil	01/11/2023	01/12/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-125 (Lab Number: 3A12020-10)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-127 (Lab Number: 3A12020-13)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-128 (Lab Number: 3A12020-09)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-129 (Lab Number: 3A12020-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-130 (Lab Number: 3A12020-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-131 (Lab Number: 3A12020-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **BOT-132 (Lab Number: 3A12020-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-133 (Lab Number: 3A12020-08)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-135 (Lab Number: 3A12020-12)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-136 (Lab Number: 3A12020-11)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-137 (Lab Number: 3A12020-07)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-138 (Lab Number: 3A12020-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-139 (Lab Number: 3A12020-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **DUP-1 (Lab Number: 3A12020-14)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **Trip Blank (Lab Number: 3A12020-15)**

#### **Analysis**

Volatile Organic Compounds

#### **Method**

EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*



## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

VOC 8260: Samples "BOT-132" and "BOT-128" were analyzed using the methanol preserved vials provided by the client due to matrix interference.

8270: The samples "BOT-139" and "DUP-1" have one surrogate outside quality control limits due to matrix interference.

### Results: Total Metals

**Sample: BOT-139**

**Lab Number: 3A12020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.64		1.15	mg/kg	01/13/23	01/17/23
Lead	159		0.57	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-138**

**Lab Number: 3A12020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.35		1.25	mg/kg	01/13/23	01/17/23
Lead	237		0.62	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-132**

**Lab Number: 3A12020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	3.90		1.28	mg/kg	01/13/23	01/17/23
Lead	27.9		0.64	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-130**

**Lab Number: 3A12020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.12		1.22	mg/kg	01/13/23	01/17/23
Lead	51.9		0.61	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-131**

**Lab Number: 3A12020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.79		1.22	mg/kg	01/13/23	01/17/23
Lead	539		0.61	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-129**

**Lab Number: 3A12020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.56		1.18	mg/kg	01/13/23	01/17/23
Lead	27.8		0.59	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-137**

**Lab Number: 3A12020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.8		1.23	mg/kg	01/13/23	01/17/23
Lead	14.9		0.61	mg/kg	01/13/23	01/17/23



### Results: Total Metals

**Sample: BOT-133**

**Lab Number: 3A12020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.3		1.22	mg/kg	01/13/23	01/17/23
Lead	10.5		0.61	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-128**

**Lab Number: 3A12020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	12.9		1.15	mg/kg	01/13/23	01/17/23
Lead	12.7		0.57	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-125**

**Lab Number: 3A12020-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.57		1.16	mg/kg	01/13/23	01/17/23
Lead	12.6		0.58	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-136**

**Lab Number: 3A12020-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.2		1.20	mg/kg	01/13/23	01/17/23
Lead	11.9		0.60	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-135**

**Lab Number: 3A12020-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.0		1.16	mg/kg	01/13/23	01/17/23
Lead	11.4		0.58	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: BOT-127**

**Lab Number: 3A12020-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	15.8		1.25	mg/kg	01/13/23	01/17/23
Lead	17.2		0.63	mg/kg	01/13/23	01/17/23

### Results: Total Metals

**Sample: DUP-1**

**Lab Number: 3A12020-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	10.3		1.23	mg/kg	01/13/23	01/17/23
Lead	11.8		0.61	mg/kg	01/13/23	01/17/23

## Results: Volatile Organic Compounds

**Sample: BOT-139**

**Lab Number: 3A12020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		70	ug/kg	01/12/23	01/12/23
Benzene	ND		6	ug/kg	01/12/23	01/12/23
Bromobenzene	ND		6	ug/kg	01/12/23	01/12/23
Bromochloromethane	ND		6	ug/kg	01/12/23	01/12/23
Bromodichloromethane	ND		6	ug/kg	01/12/23	01/12/23
Bromoform	ND		6	ug/kg	01/12/23	01/12/23
Bromomethane	ND		6	ug/kg	01/12/23	01/12/23
2-Butanone	ND		6	ug/kg	01/12/23	01/12/23
tert-Butyl alcohol	ND		6	ug/kg	01/12/23	01/12/23
sec-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
n-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
tert-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	01/12/23	01/12/23
Carbon Disulfide	ND		6	ug/kg	01/12/23	01/12/23
Carbon Tetrachloride	ND		6	ug/kg	01/12/23	01/12/23
Chlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
Chloroethane	ND		6	ug/kg	01/12/23	01/12/23
Chloroform	ND		6	ug/kg	01/12/23	01/12/23
Chloromethane	ND		6	ug/kg	01/12/23	01/12/23
4-Chlorotoluene	ND		6	ug/kg	01/12/23	01/12/23
2-Chlorotoluene	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	01/12/23	01/12/23
Dibromochloromethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	01/12/23	01/12/23
Dibromomethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,4-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloroethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichloroethane	ND		6	ug/kg	01/12/23	01/12/23
trans-1,2-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
cis-1,2-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
2,2-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
cis-1,3-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
trans-1,3-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	01/12/23	01/12/23
Diethyl ether	ND		6	ug/kg	01/12/23	01/12/23
1,4-Dioxane	ND		116	ug/kg	01/12/23	01/12/23
Ethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Hexachlorobutadiene	ND		6	ug/kg	01/12/23	01/12/23
2-Hexanone	ND		6	ug/kg	01/12/23	01/12/23
Isopropylbenzene	ND		6	ug/kg	01/12/23	01/12/23
p-Isopropyltoluene	ND		6	ug/kg	01/12/23	01/12/23
Methylene Chloride	ND		46	ug/kg	01/12/23	01/12/23
4-Methyl-2-pentanone	ND		6	ug/kg	01/12/23	01/12/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-139 (Continued)**

**Lab Number: 3A12020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	01/12/23	01/12/23
n-Propylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Styrene	ND		6	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/12/23	01/12/23
Tetrachloroethene	ND		6	ug/kg	01/12/23	01/12/23
Tetrahydrofuran	ND		6	ug/kg	01/12/23	01/12/23
Toluene	ND		6	ug/kg	01/12/23	01/12/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,1,2-Trichloroethane	ND		6	ug/kg	01/12/23	01/12/23
1,1,1-Trichloroethane	ND		6	ug/kg	01/12/23	01/12/23
Trichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,2,3-Trichloropropane	ND		6	ug/kg	01/12/23	01/12/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Vinyl Chloride	ND		6	ug/kg	01/12/23	01/12/23
o-Xylene	ND		6	ug/kg	01/12/23	01/12/23
m&p-Xylene	ND		12	ug/kg	01/12/23	01/12/23
Total xylenes	ND		6	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/12/23	01/12/23
tert-Amyl methyl ether	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
Ethyl tert-butyl ether	ND		6	ug/kg	01/12/23	01/12/23
Diisopropyl ether	ND		6	ug/kg	01/12/23	01/12/23
Trichlorofluoromethane	ND		6	ug/kg	01/12/23	01/12/23
Dichlorodifluoromethane	ND		6	ug/kg	01/12/23	01/12/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>97.7%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>111%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>Toluene-d8</i>	<i>96.4%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-138**

**Lab Number: 3A12020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		60	ug/kg	01/12/23	01/12/23
Benzene	ND		5	ug/kg	01/12/23	01/12/23
Bromobenzene	ND		5	ug/kg	01/12/23	01/12/23
Bromochloromethane	ND		5	ug/kg	01/12/23	01/12/23
Bromodichloromethane	ND		5	ug/kg	01/12/23	01/12/23
Bromoform	ND		5	ug/kg	01/12/23	01/12/23
Bromomethane	ND		5	ug/kg	01/12/23	01/12/23
2-Butanone	ND		5	ug/kg	01/12/23	01/12/23
tert-Butyl alcohol	ND		5	ug/kg	01/12/23	01/12/23
sec-Butylbenzene	ND		5	ug/kg	01/12/23	01/12/23
n-Butylbenzene	ND		5	ug/kg	01/12/23	01/12/23
tert-Butylbenzene	ND		5	ug/kg	01/12/23	01/12/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/12/23	01/12/23
Carbon Disulfide	ND		5	ug/kg	01/12/23	01/12/23
Carbon Tetrachloride	ND		5	ug/kg	01/12/23	01/12/23
Chlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
Chloroethane	ND		5	ug/kg	01/12/23	01/12/23
Chloroform	ND		5	ug/kg	01/12/23	01/12/23
Chloromethane	ND		5	ug/kg	01/12/23	01/12/23
4-Chlorotoluene	ND		5	ug/kg	01/12/23	01/12/23
2-Chlorotoluene	ND		5	ug/kg	01/12/23	01/12/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/12/23	01/12/23
Dibromochloromethane	ND		5	ug/kg	01/12/23	01/12/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/12/23	01/12/23
Dibromomethane	ND		5	ug/kg	01/12/23	01/12/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
1,1-Dichloroethane	ND		5	ug/kg	01/12/23	01/12/23
1,2-Dichloroethane	ND		5	ug/kg	01/12/23	01/12/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/12/23	01/12/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/12/23	01/12/23
1,1-Dichloroethene	ND		5	ug/kg	01/12/23	01/12/23
1,2-Dichloropropane	ND		5	ug/kg	01/12/23	01/12/23
2,2-Dichloropropane	ND		5	ug/kg	01/12/23	01/12/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/12/23	01/12/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/12/23	01/12/23
1,1-Dichloropropene	ND		5	ug/kg	01/12/23	01/12/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/12/23	01/12/23
Diethyl ether	ND		5	ug/kg	01/12/23	01/12/23
1,4-Dioxane	ND		101	ug/kg	01/12/23	01/12/23
Ethylbenzene	ND		5	ug/kg	01/12/23	01/12/23
Hexachlorobutadiene	ND		5	ug/kg	01/12/23	01/12/23
2-Hexanone	ND		5	ug/kg	01/12/23	01/12/23
Isopropylbenzene	ND		5	ug/kg	01/12/23	01/12/23
p-Isopropyltoluene	ND		5	ug/kg	01/12/23	01/12/23
Methylene Chloride	ND		40	ug/kg	01/12/23	01/12/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/12/23	01/12/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-138 (Continued)**

**Lab Number: 3A12020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/12/23	01/12/23
n-Propylbenzene	ND		5	ug/kg	01/12/23	01/12/23
Styrene	ND		5	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/12/23	01/12/23
Tetrachloroethene	ND		5	ug/kg	01/12/23	01/12/23
Tetrahydrofuran	ND		5	ug/kg	01/12/23	01/12/23
Toluene	ND		5	ug/kg	01/12/23	01/12/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/12/23	01/12/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/12/23	01/12/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/12/23	01/12/23
Trichloroethene	ND		5	ug/kg	01/12/23	01/12/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/12/23	01/12/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/12/23	01/12/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/12/23	01/12/23
Vinyl Chloride	ND		5	ug/kg	01/12/23	01/12/23
o-Xylene	ND		5	ug/kg	01/12/23	01/12/23
m&p-Xylene	ND		10	ug/kg	01/12/23	01/12/23
Total xylenes	ND		5	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/12/23	01/12/23
tert-Amyl methyl ether	ND		5	ug/kg	01/12/23	01/12/23
1,3-Dichloropropane	ND		5	ug/kg	01/12/23	01/12/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/12/23	01/12/23
Diisopropyl ether	ND		5	ug/kg	01/12/23	01/12/23
Trichlorofluoromethane	ND		5	ug/kg	01/12/23	01/12/23
Dichlorodifluoromethane	ND		5	ug/kg	01/12/23	01/12/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>96.9%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>Toluene-d8</i>	<i>95.4%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-132**

**Lab Number: 3A12020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		164	ug/kg	01/18/23	01/18/23
Benzene	ND		55	ug/kg	01/18/23	01/18/23
Bromobenzene	ND		55	ug/kg	01/18/23	01/18/23
Bromochloromethane	ND		55	ug/kg	01/18/23	01/18/23
Bromodichloromethane	ND		55	ug/kg	01/18/23	01/18/23
Bromoform	ND		55	ug/kg	01/18/23	01/18/23
Bromomethane	ND		55	ug/kg	01/18/23	01/18/23
2-Butanone	ND		437	ug/kg	01/18/23	01/18/23
tert-Butyl alcohol	ND		273	ug/kg	01/18/23	01/18/23
sec-Butylbenzene	ND		55	ug/kg	01/18/23	01/18/23
n-Butylbenzene	ND		55	ug/kg	01/18/23	01/18/23
tert-Butylbenzene	ND		55	ug/kg	01/18/23	01/18/23
Methyl t-butyl ether (MTBE)	ND		55	ug/kg	01/18/23	01/18/23
Carbon Disulfide	ND		55	ug/kg	01/18/23	01/18/23
Carbon Tetrachloride	ND		55	ug/kg	01/18/23	01/18/23
Chlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
Chloroethane	ND		55	ug/kg	01/18/23	01/18/23
Chloroform	ND		55	ug/kg	01/18/23	01/18/23
Chloromethane	ND		55	ug/kg	01/18/23	01/18/23
4-Chlorotoluene	ND		55	ug/kg	01/18/23	01/18/23
2-Chlorotoluene	ND		55	ug/kg	01/18/23	01/18/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		55	ug/kg	01/18/23	01/18/23
Dibromochloromethane	ND		55	ug/kg	01/18/23	01/18/23
1,2-Dibromoethane (EDB)	ND		55	ug/kg	01/18/23	01/18/23
Dibromomethane	ND		55	ug/kg	01/18/23	01/18/23
1,2-Dichlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
1,3-Dichlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
1,4-Dichlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
1,1-Dichloroethane	ND		55	ug/kg	01/18/23	01/18/23
1,2-Dichloroethane	ND		55	ug/kg	01/18/23	01/18/23
trans-1,2-Dichloroethene	ND		55	ug/kg	01/18/23	01/18/23
cis-1,2-Dichloroethene	ND		55	ug/kg	01/18/23	01/18/23
1,1-Dichloroethene	ND		55	ug/kg	01/18/23	01/18/23
1,2-Dichloropropane	ND		55	ug/kg	01/18/23	01/18/23
2,2-Dichloropropane	ND		55	ug/kg	01/18/23	01/18/23
cis-1,3-Dichloropropene	ND		55	ug/kg	01/18/23	01/18/23
trans-1,3-Dichloropropene	ND		55	ug/kg	01/18/23	01/18/23
1,1-Dichloropropene	ND		55	ug/kg	01/18/23	01/18/23
1,3-Dichloropropene (cis + trans)	ND		109	ug/kg	01/18/23	01/18/23
Diethyl ether	ND		273	ug/kg	01/18/23	01/18/23
1,4-Dioxane	ND		5460	ug/kg	01/18/23	01/18/23
Ethylbenzene	ND		55	ug/kg	01/18/23	01/18/23
Hexachlorobutadiene	ND		55	ug/kg	01/18/23	01/18/23
2-Hexanone	ND		273	ug/kg	01/18/23	01/18/23
Isopropylbenzene	ND		55	ug/kg	01/18/23	01/18/23
p-Isopropyltoluene	ND		55	ug/kg	01/18/23	01/18/23
Methylene Chloride	ND		328	ug/kg	01/18/23	01/18/23
4-Methyl-2-pentanone	ND		273	ug/kg	01/18/23	01/18/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-132 (Continued)**

**Lab Number: 3A12020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		55	ug/kg	01/18/23	01/18/23
n-Propylbenzene	ND		55	ug/kg	01/18/23	01/18/23
Styrene	ND		55	ug/kg	01/18/23	01/18/23
1,1,1,2-Tetrachloroethane	ND		55	ug/kg	01/18/23	01/18/23
Tetrachloroethene	ND		55	ug/kg	01/18/23	01/18/23
Tetrahydrofuran	ND		273	ug/kg	01/18/23	01/18/23
Toluene	ND		55	ug/kg	01/18/23	01/18/23
1,2,4-Trichlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
1,2,3-Trichlorobenzene	ND		55	ug/kg	01/18/23	01/18/23
1,1,2-Trichloroethane	ND		55	ug/kg	01/18/23	01/18/23
1,1,1-Trichloroethane	ND		55	ug/kg	01/18/23	01/18/23
Trichloroethene	ND		55	ug/kg	01/18/23	01/18/23
1,2,3-Trichloropropane	ND		55	ug/kg	01/18/23	01/18/23
1,3,5-Trimethylbenzene	ND		55	ug/kg	01/18/23	01/18/23
1,2,4-Trimethylbenzene	ND		55	ug/kg	01/18/23	01/18/23
Vinyl Chloride	ND		55	ug/kg	01/18/23	01/18/23
o-Xylene	ND		55	ug/kg	01/18/23	01/18/23
m&p-Xylene	ND		109	ug/kg	01/18/23	01/18/23
Total xylenes	ND		55	ug/kg	01/18/23	01/18/23
1,1,1,2-Tetrachloroethane	ND		55	ug/kg	01/18/23	01/18/23
tert-Amyl methyl ether	ND		55	ug/kg	01/18/23	01/18/23
1,3-Dichloropropane	ND		55	ug/kg	01/18/23	01/18/23
Ethyl tert-butyl ether	ND		55	ug/kg	01/18/23	01/18/23
Diisopropyl ether	ND		55	ug/kg	01/18/23	01/18/23
Trichlorofluoromethane	ND		55	ug/kg	01/18/23	01/18/23
Dichlorodifluoromethane	ND		55	ug/kg	01/18/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>108%</i>		<i>70-130</i>		01/18/23	01/18/23
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		01/18/23	01/18/23
<i>Toluene-d8</i>	<i>99.8%</i>		<i>70-130</i>		01/18/23	01/18/23

## Results: Volatile Organic Compounds

**Sample: BOT-130**

**Lab Number: 3A12020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		73	ug/kg	01/12/23	01/12/23
Benzene	ND		6	ug/kg	01/12/23	01/12/23
Bromobenzene	ND		6	ug/kg	01/12/23	01/12/23
Bromochloromethane	ND		6	ug/kg	01/12/23	01/12/23
Bromodichloromethane	ND		6	ug/kg	01/12/23	01/12/23
Bromoform	ND		6	ug/kg	01/12/23	01/12/23
Bromomethane	ND		6	ug/kg	01/12/23	01/12/23
2-Butanone	ND		6	ug/kg	01/12/23	01/12/23
tert-Butyl alcohol	ND		6	ug/kg	01/12/23	01/12/23
sec-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
n-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
tert-Butylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	01/12/23	01/12/23
Carbon Disulfide	ND		6	ug/kg	01/12/23	01/12/23
Carbon Tetrachloride	ND		6	ug/kg	01/12/23	01/12/23
Chlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
Chloroethane	ND		6	ug/kg	01/12/23	01/12/23
Chloroform	ND		6	ug/kg	01/12/23	01/12/23
Chloromethane	ND		6	ug/kg	01/12/23	01/12/23
4-Chlorotoluene	ND		6	ug/kg	01/12/23	01/12/23
2-Chlorotoluene	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	01/12/23	01/12/23
Dibromochloromethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	01/12/23	01/12/23
Dibromomethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,4-Dichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloroethane	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichloroethane	ND		6	ug/kg	01/12/23	01/12/23
trans-1,2-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
cis-1,2-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,2-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
2,2-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
cis-1,3-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
trans-1,3-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
1,1-Dichloropropene	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	01/12/23	01/12/23
Diethyl ether	ND		6	ug/kg	01/12/23	01/12/23
1,4-Dioxane	ND		121	ug/kg	01/12/23	01/12/23
Ethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Hexachlorobutadiene	ND		6	ug/kg	01/12/23	01/12/23
2-Hexanone	ND		6	ug/kg	01/12/23	01/12/23
Isopropylbenzene	ND		6	ug/kg	01/12/23	01/12/23
p-Isopropyltoluene	ND		6	ug/kg	01/12/23	01/12/23
Methylene Chloride	ND		49	ug/kg	01/12/23	01/12/23
4-Methyl-2-pentanone	ND		6	ug/kg	01/12/23	01/12/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-130 (Continued)**

**Lab Number: 3A12020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	01/12/23	01/12/23
n-Propylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Styrene	ND		6	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/12/23	01/12/23
Tetrachloroethene	ND		6	ug/kg	01/12/23	01/12/23
Tetrahydrofuran	ND		6	ug/kg	01/12/23	01/12/23
Toluene	ND		6	ug/kg	01/12/23	01/12/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	01/12/23	01/12/23
1,1,2-Trichloroethane	ND		6	ug/kg	01/12/23	01/12/23
1,1,1-Trichloroethane	ND		6	ug/kg	01/12/23	01/12/23
Trichloroethene	ND		6	ug/kg	01/12/23	01/12/23
1,2,3-Trichloropropane	ND		6	ug/kg	01/12/23	01/12/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	01/12/23	01/12/23
Vinyl Chloride	ND		6	ug/kg	01/12/23	01/12/23
o-Xylene	ND		6	ug/kg	01/12/23	01/12/23
m&p-Xylene	ND		12	ug/kg	01/12/23	01/12/23
Total xylenes	ND		6	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/12/23	01/12/23
tert-Amyl methyl ether	ND		6	ug/kg	01/12/23	01/12/23
1,3-Dichloropropane	ND		6	ug/kg	01/12/23	01/12/23
Ethyl tert-butyl ether	ND		6	ug/kg	01/12/23	01/12/23
Diisopropyl ether	ND		6	ug/kg	01/12/23	01/12/23
Trichlorofluoromethane	ND		6	ug/kg	01/12/23	01/12/23
Dichlorodifluoromethane	ND		6	ug/kg	01/12/23	01/12/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>80.4%</i>		<i>70-130</i>		01/12/23	01/12/23
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		01/12/23	01/12/23
<i>Toluene-d8</i>	<i>94.0%</i>		<i>70-130</i>		01/12/23	01/12/23

## Results: Volatile Organic Compounds

**Sample: BOT-131**

**Lab Number: 3A12020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		88	ug/kg	01/12/23	01/12/23
Benzene	ND		7	ug/kg	01/12/23	01/12/23
Bromobenzene	ND		7	ug/kg	01/12/23	01/12/23
Bromochloromethane	ND		7	ug/kg	01/12/23	01/12/23
Bromodichloromethane	ND		7	ug/kg	01/12/23	01/12/23
Bromoform	ND		7	ug/kg	01/12/23	01/12/23
Bromomethane	ND		7	ug/kg	01/12/23	01/12/23
2-Butanone	ND		7	ug/kg	01/12/23	01/12/23
tert-Butyl alcohol	ND		7	ug/kg	01/12/23	01/12/23
sec-Butylbenzene	ND		7	ug/kg	01/12/23	01/12/23
n-Butylbenzene	ND		7	ug/kg	01/12/23	01/12/23
tert-Butylbenzene	ND		7	ug/kg	01/12/23	01/12/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	01/12/23	01/12/23
Carbon Disulfide	ND		7	ug/kg	01/12/23	01/12/23
Carbon Tetrachloride	ND		7	ug/kg	01/12/23	01/12/23
Chlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
Chloroethane	ND		7	ug/kg	01/12/23	01/12/23
Chloroform	ND		7	ug/kg	01/12/23	01/12/23
Chloromethane	ND		7	ug/kg	01/12/23	01/12/23
4-Chlorotoluene	ND		7	ug/kg	01/12/23	01/12/23
2-Chlorotoluene	ND		7	ug/kg	01/12/23	01/12/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	01/12/23	01/12/23
Dibromochloromethane	ND		7	ug/kg	01/12/23	01/12/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	01/12/23	01/12/23
Dibromomethane	ND		7	ug/kg	01/12/23	01/12/23
1,2-Dichlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
1,3-Dichlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
1,4-Dichlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
1,1-Dichloroethane	ND		7	ug/kg	01/12/23	01/12/23
1,2-Dichloroethane	ND		7	ug/kg	01/12/23	01/12/23
trans-1,2-Dichloroethene	ND		7	ug/kg	01/12/23	01/12/23
cis-1,2-Dichloroethene	ND		7	ug/kg	01/12/23	01/12/23
1,1-Dichloroethene	ND		7	ug/kg	01/12/23	01/12/23
1,2-Dichloropropane	ND		7	ug/kg	01/12/23	01/12/23
2,2-Dichloropropane	ND		7	ug/kg	01/12/23	01/12/23
cis-1,3-Dichloropropene	ND		7	ug/kg	01/12/23	01/12/23
trans-1,3-Dichloropropene	ND		7	ug/kg	01/12/23	01/12/23
1,1-Dichloropropene	ND		7	ug/kg	01/12/23	01/12/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	01/12/23	01/12/23
Diethyl ether	ND		7	ug/kg	01/12/23	01/12/23
1,4-Dioxane	ND		146	ug/kg	01/12/23	01/12/23
Ethylbenzene	ND		7	ug/kg	01/12/23	01/12/23
Hexachlorobutadiene	ND		7	ug/kg	01/12/23	01/12/23
2-Hexanone	ND		7	ug/kg	01/12/23	01/12/23
Isopropylbenzene	ND		7	ug/kg	01/12/23	01/12/23
p-Isopropyltoluene	ND		7	ug/kg	01/12/23	01/12/23
Methylene Chloride	ND		58	ug/kg	01/12/23	01/12/23
4-Methyl-2-pentanone	ND		7	ug/kg	01/12/23	01/12/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-131 (Continued)**

**Lab Number: 3A12020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	01/12/23	01/12/23
n-Propylbenzene	ND		7	ug/kg	01/12/23	01/12/23
Styrene	ND		7	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/12/23	01/12/23
Tetrachloroethene	ND		7	ug/kg	01/12/23	01/12/23
Tetrahydrofuran	ND		7	ug/kg	01/12/23	01/12/23
Toluene	ND		7	ug/kg	01/12/23	01/12/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	01/12/23	01/12/23
1,1,2-Trichloroethane	ND		7	ug/kg	01/12/23	01/12/23
1,1,1-Trichloroethane	ND		7	ug/kg	01/12/23	01/12/23
Trichloroethene	ND		7	ug/kg	01/12/23	01/12/23
1,2,3-Trichloropropane	ND		7	ug/kg	01/12/23	01/12/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	01/12/23	01/12/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	01/12/23	01/12/23
Vinyl Chloride	ND		7	ug/kg	01/12/23	01/12/23
o-Xylene	ND		7	ug/kg	01/12/23	01/12/23
m&p-Xylene	ND		15	ug/kg	01/12/23	01/12/23
Total xylenes	ND		7	ug/kg	01/12/23	01/12/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/12/23	01/12/23
tert-Amyl methyl ether	ND		7	ug/kg	01/12/23	01/12/23
1,3-Dichloropropane	ND		7	ug/kg	01/12/23	01/12/23
Ethyl tert-butyl ether	ND		7	ug/kg	01/12/23	01/12/23
Diisopropyl ether	ND		7	ug/kg	01/12/23	01/12/23
Trichlorofluoromethane	ND		7	ug/kg	01/12/23	01/12/23
Dichlorodifluoromethane	ND		7	ug/kg	01/12/23	01/12/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>92.3%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>
<i>Toluene-d8</i>	<i>93.3%</i>		<i>70-130</i>		<i>01/12/23</i>	<i>01/12/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-129**

**Lab Number: 3A12020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		63	ug/kg	01/12/23	01/13/23
Benzene	ND		5	ug/kg	01/12/23	01/13/23
Bromobenzene	ND		5	ug/kg	01/12/23	01/13/23
Bromochloromethane	ND		5	ug/kg	01/12/23	01/13/23
Bromodichloromethane	ND		5	ug/kg	01/12/23	01/13/23
Bromoform	ND		5	ug/kg	01/12/23	01/13/23
Bromomethane	ND		5	ug/kg	01/12/23	01/13/23
2-Butanone	ND		5	ug/kg	01/12/23	01/13/23
tert-Butyl alcohol	ND		5	ug/kg	01/12/23	01/13/23
sec-Butylbenzene	ND		5	ug/kg	01/12/23	01/13/23
n-Butylbenzene	ND		5	ug/kg	01/12/23	01/13/23
tert-Butylbenzene	ND		5	ug/kg	01/12/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/12/23	01/13/23
Carbon Disulfide	ND		5	ug/kg	01/12/23	01/13/23
Carbon Tetrachloride	ND		5	ug/kg	01/12/23	01/13/23
Chlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
Chloroethane	ND		5	ug/kg	01/12/23	01/13/23
Chloroform	ND		5	ug/kg	01/12/23	01/13/23
Chloromethane	ND		5	ug/kg	01/12/23	01/13/23
4-Chlorotoluene	ND		5	ug/kg	01/12/23	01/13/23
2-Chlorotoluene	ND		5	ug/kg	01/12/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/12/23	01/13/23
Dibromochloromethane	ND		5	ug/kg	01/12/23	01/13/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/12/23	01/13/23
Dibromomethane	ND		5	ug/kg	01/12/23	01/13/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
1,1-Dichloroethane	ND		5	ug/kg	01/12/23	01/13/23
1,2-Dichloroethane	ND		5	ug/kg	01/12/23	01/13/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/12/23	01/13/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/12/23	01/13/23
1,1-Dichloroethene	ND		5	ug/kg	01/12/23	01/13/23
1,2-Dichloropropane	ND		5	ug/kg	01/12/23	01/13/23
2,2-Dichloropropane	ND		5	ug/kg	01/12/23	01/13/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/12/23	01/13/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/12/23	01/13/23
1,1-Dichloropropene	ND		5	ug/kg	01/12/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/12/23	01/13/23
Diethyl ether	ND		5	ug/kg	01/12/23	01/13/23
1,4-Dioxane	ND		105	ug/kg	01/12/23	01/13/23
Ethylbenzene	ND		5	ug/kg	01/12/23	01/13/23
Hexachlorobutadiene	ND		5	ug/kg	01/12/23	01/13/23
2-Hexanone	ND		5	ug/kg	01/12/23	01/13/23
Isopropylbenzene	ND		5	ug/kg	01/12/23	01/13/23
p-Isopropyltoluene	ND		5	ug/kg	01/12/23	01/13/23
Methylene Chloride	ND		42	ug/kg	01/12/23	01/13/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/12/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-129 (Continued)**

**Lab Number: 3A12020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/12/23	01/13/23
n-Propylbenzene	ND		5	ug/kg	01/12/23	01/13/23
Styrene	ND		5	ug/kg	01/12/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/12/23	01/13/23
Tetrachloroethene	ND		5	ug/kg	01/12/23	01/13/23
Tetrahydrofuran	ND		5	ug/kg	01/12/23	01/13/23
Toluene	ND		5	ug/kg	01/12/23	01/13/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/12/23	01/13/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/12/23	01/13/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/12/23	01/13/23
Trichloroethene	ND		5	ug/kg	01/12/23	01/13/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/12/23	01/13/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/12/23	01/13/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/12/23	01/13/23
Vinyl Chloride	ND		5	ug/kg	01/12/23	01/13/23
o-Xylene	ND		5	ug/kg	01/12/23	01/13/23
m&p-Xylene	ND		11	ug/kg	01/12/23	01/13/23
Total xylenes	ND		5	ug/kg	01/12/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/12/23	01/13/23
tert-Amyl methyl ether	ND		5	ug/kg	01/12/23	01/13/23
1,3-Dichloropropane	ND		5	ug/kg	01/12/23	01/13/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/12/23	01/13/23
Diisopropyl ether	ND		5	ug/kg	01/12/23	01/13/23
Trichlorofluoromethane	ND		5	ug/kg	01/12/23	01/13/23
Dichlorodifluoromethane	ND		5	ug/kg	01/12/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.1%</i>		<i>70-130</i>		01/12/23	01/13/23
<i>1,2-Dichloroethane-d4</i>	<i>118%</i>		<i>70-130</i>		01/12/23	01/13/23
<i>Toluene-d8</i>	<i>104%</i>		<i>70-130</i>		01/12/23	01/13/23

## Results: Volatile Organic Compounds

**Sample: BOT-137**

**Lab Number: 3A12020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	01/16/23	01/13/23
Benzene	ND		6	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		6	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		6	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		6	ug/kg	01/16/23	01/13/23
Bromoform	ND		6	ug/kg	01/16/23	01/13/23
Bromomethane	ND		6	ug/kg	01/16/23	01/13/23
2-Butanone	ND		6	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		6	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		6	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		6	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
Chloroethane	ND		6	ug/kg	01/16/23	01/13/23
Chloroform	ND		6	ug/kg	01/16/23	01/13/23
Chloromethane	ND		6	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		6	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		6	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		6	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		114	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		6	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		6	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		6	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		6	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		6	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		6	ug/kg	01/16/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-137 (Continued)**

**Lab Number: 3A12020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Styrene	ND		6	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		6	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		6	ug/kg	01/16/23	01/13/23
Toluene	ND		6	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		6	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		6	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		6	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		6	ug/kg	01/16/23	01/13/23
o-Xylene	ND		6	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		11	ug/kg	01/16/23	01/13/23
Total xylenes	ND		6	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		6	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		6	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		6	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		6	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		01/16/23	01/13/23
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		01/16/23	01/13/23
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		01/16/23	01/13/23

## Results: Volatile Organic Compounds

**Sample: BOT-133**

**Lab Number: 3A12020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	01/16/23	01/13/23
Benzene	ND		6	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		6	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		6	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		6	ug/kg	01/16/23	01/13/23
Bromoform	ND		6	ug/kg	01/16/23	01/13/23
Bromomethane	ND		6	ug/kg	01/16/23	01/13/23
2-Butanone	ND		6	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		6	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		6	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		6	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
Chloroethane	ND		6	ug/kg	01/16/23	01/13/23
Chloroform	ND		6	ug/kg	01/16/23	01/13/23
Chloromethane	ND		6	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		6	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		6	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		6	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		112	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		6	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		6	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		6	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		6	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		6	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		6	ug/kg	01/16/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-133 (Continued)**

**Lab Number: 3A12020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Styrene	ND		6	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		6	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		6	ug/kg	01/16/23	01/13/23
Toluene	ND		6	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		6	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		6	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		6	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		6	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		6	ug/kg	01/16/23	01/13/23
o-Xylene	ND		6	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		11	ug/kg	01/16/23	01/13/23
Total xylenes	ND		6	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		6	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		6	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		6	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		6	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		6	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		6	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>97.0%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>Toluene-d8</i>	<i>92.3%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-128**

**Lab Number: 3A12020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		128	ug/kg	01/18/23	01/18/23
Benzene	ND		43	ug/kg	01/18/23	01/18/23
Bromobenzene	ND		43	ug/kg	01/18/23	01/18/23
Bromochloromethane	ND		43	ug/kg	01/18/23	01/18/23
Bromodichloromethane	ND		43	ug/kg	01/18/23	01/18/23
Bromoform	ND		43	ug/kg	01/18/23	01/18/23
Bromomethane	ND		43	ug/kg	01/18/23	01/18/23
2-Butanone	ND		341	ug/kg	01/18/23	01/18/23
tert-Butyl alcohol	ND		213	ug/kg	01/18/23	01/18/23
sec-Butylbenzene	ND		43	ug/kg	01/18/23	01/18/23
n-Butylbenzene	ND		43	ug/kg	01/18/23	01/18/23
tert-Butylbenzene	ND		43	ug/kg	01/18/23	01/18/23
Methyl t-butyl ether (MTBE)	ND		43	ug/kg	01/18/23	01/18/23
Carbon Disulfide	ND		43	ug/kg	01/18/23	01/18/23
Carbon Tetrachloride	ND		43	ug/kg	01/18/23	01/18/23
Chlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
Chloroethane	ND		43	ug/kg	01/18/23	01/18/23
Chloroform	ND		43	ug/kg	01/18/23	01/18/23
Chloromethane	ND		43	ug/kg	01/18/23	01/18/23
4-Chlorotoluene	ND		43	ug/kg	01/18/23	01/18/23
2-Chlorotoluene	ND		43	ug/kg	01/18/23	01/18/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		43	ug/kg	01/18/23	01/18/23
Dibromochloromethane	ND		43	ug/kg	01/18/23	01/18/23
1,2-Dibromoethane (EDB)	ND		43	ug/kg	01/18/23	01/18/23
Dibromomethane	ND		43	ug/kg	01/18/23	01/18/23
1,2-Dichlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
1,3-Dichlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
1,4-Dichlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
1,1-Dichloroethane	ND		43	ug/kg	01/18/23	01/18/23
1,2-Dichloroethane	ND		43	ug/kg	01/18/23	01/18/23
trans-1,2-Dichloroethene	ND		43	ug/kg	01/18/23	01/18/23
cis-1,2-Dichloroethene	ND		43	ug/kg	01/18/23	01/18/23
1,1-Dichloroethene	ND		43	ug/kg	01/18/23	01/18/23
1,2-Dichloropropane	ND		43	ug/kg	01/18/23	01/18/23
2,2-Dichloropropane	ND		43	ug/kg	01/18/23	01/18/23
cis-1,3-Dichloropropene	ND		43	ug/kg	01/18/23	01/18/23
trans-1,3-Dichloropropene	ND		43	ug/kg	01/18/23	01/18/23
1,1-Dichloropropene	ND		43	ug/kg	01/18/23	01/18/23
1,3-Dichloropropene (cis + trans)	ND		85	ug/kg	01/18/23	01/18/23
Diethyl ether	ND		213	ug/kg	01/18/23	01/18/23
1,4-Dioxane	ND		4270	ug/kg	01/18/23	01/18/23
Ethylbenzene	ND		43	ug/kg	01/18/23	01/18/23
Hexachlorobutadiene	ND		43	ug/kg	01/18/23	01/18/23
2-Hexanone	ND		213	ug/kg	01/18/23	01/18/23
Isopropylbenzene	ND		43	ug/kg	01/18/23	01/18/23
p-Isopropyltoluene	ND		43	ug/kg	01/18/23	01/18/23
Methylene Chloride	ND		256	ug/kg	01/18/23	01/18/23
4-Methyl-2-pentanone	ND		213	ug/kg	01/18/23	01/18/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-128 (Continued)**

**Lab Number: 3A12020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		43	ug/kg	01/18/23	01/18/23
n-Propylbenzene	ND		43	ug/kg	01/18/23	01/18/23
Styrene	ND		43	ug/kg	01/18/23	01/18/23
1,1,1,2-Tetrachloroethane	ND		43	ug/kg	01/18/23	01/18/23
Tetrachloroethene	ND		43	ug/kg	01/18/23	01/18/23
Tetrahydrofuran	ND		213	ug/kg	01/18/23	01/18/23
Toluene	ND		43	ug/kg	01/18/23	01/18/23
1,2,4-Trichlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
1,2,3-Trichlorobenzene	ND		43	ug/kg	01/18/23	01/18/23
1,1,2-Trichloroethane	ND		43	ug/kg	01/18/23	01/18/23
1,1,1-Trichloroethane	ND		43	ug/kg	01/18/23	01/18/23
Trichloroethene	ND		43	ug/kg	01/18/23	01/18/23
1,2,3-Trichloropropane	ND		43	ug/kg	01/18/23	01/18/23
1,3,5-Trimethylbenzene	ND		43	ug/kg	01/18/23	01/18/23
1,2,4-Trimethylbenzene	ND		43	ug/kg	01/18/23	01/18/23
Vinyl Chloride	ND		43	ug/kg	01/18/23	01/18/23
o-Xylene	ND		43	ug/kg	01/18/23	01/18/23
m&p-Xylene	ND		85	ug/kg	01/18/23	01/18/23
Total xylenes	ND		43	ug/kg	01/18/23	01/18/23
1,1,1,2-Tetrachloroethane	ND		43	ug/kg	01/18/23	01/18/23
tert-Amyl methyl ether	ND		43	ug/kg	01/18/23	01/18/23
1,3-Dichloropropane	ND		43	ug/kg	01/18/23	01/18/23
Ethyl tert-butyl ether	ND		43	ug/kg	01/18/23	01/18/23
Diisopropyl ether	ND		43	ug/kg	01/18/23	01/18/23
Trichlorofluoromethane	ND		43	ug/kg	01/18/23	01/18/23
Dichlorodifluoromethane	ND		43	ug/kg	01/18/23	01/18/23
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Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>104%</i>		<i>70-130</i>		01/18/23	01/18/23
<i>1,2-Dichloroethane-d4</i>	<i>99.1%</i>		<i>70-130</i>		01/18/23	01/18/23
<i>Toluene-d8</i>	<i>97.0%</i>		<i>70-130</i>		01/18/23	01/18/23

## Results: Volatile Organic Compounds

**Sample: BOT-125**

**Lab Number: 3A12020-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	01/16/23	01/13/23
Benzene	ND		5	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		5	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromoform	ND		5	ug/kg	01/16/23	01/13/23
Bromomethane	ND		5	ug/kg	01/16/23	01/13/23
2-Butanone	ND		5	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		5	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		5	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		5	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
Chloroethane	ND		5	ug/kg	01/16/23	01/13/23
Chloroform	ND		5	ug/kg	01/16/23	01/13/23
Chloromethane	ND		5	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		104	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		5	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		5	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		5	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		5	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		5	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/16/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-125 (Continued)**

**Lab Number: 3A12020-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Styrene	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		5	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		5	ug/kg	01/16/23	01/13/23
Toluene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		5	ug/kg	01/16/23	01/13/23
o-Xylene	ND		5	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		10	ug/kg	01/16/23	01/13/23
Total xylenes	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		5	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>96.3%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>101%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-136**

**Lab Number: 3A12020-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		7	ug/kg	01/16/23	01/13/23
Benzene	ND		7	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		7	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		7	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		7	ug/kg	01/16/23	01/13/23
Bromoform	ND		7	ug/kg	01/16/23	01/13/23
Bromomethane	ND		7	ug/kg	01/16/23	01/13/23
2-Butanone	ND		7	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		7	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		7	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		7	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		7	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		7	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		7	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
Chloroethane	ND		7	ug/kg	01/16/23	01/13/23
Chloroform	ND		7	ug/kg	01/16/23	01/13/23
Chloromethane	ND		7	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		7	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		7	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		7	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		7	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		7	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		7	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		7	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		7	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		7	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		7	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		7	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		7	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		7	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		7	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		7	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		130	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		7	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		7	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		7	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		7	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		7	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		7	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		7	ug/kg	01/16/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-136 (Continued)**

**Lab Number: 3A12020-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		7	ug/kg	01/16/23	01/13/23
Styrene	ND		7	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		7	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		7	ug/kg	01/16/23	01/13/23
Toluene	ND		7	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		7	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		7	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		7	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		7	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		7	ug/kg	01/16/23	01/13/23
o-Xylene	ND		7	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		13	ug/kg	01/16/23	01/13/23
Total xylenes	ND		7	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		7	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		7	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		7	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		7	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		7	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		7	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>97.9%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>73.1%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-135**

**Lab Number: 3A12020-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	01/16/23	01/13/23
Benzene	ND		5	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		5	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromoform	ND		5	ug/kg	01/16/23	01/13/23
Bromomethane	ND		5	ug/kg	01/16/23	01/13/23
2-Butanone	ND		5	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		5	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		5	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		5	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
Chloroethane	ND		5	ug/kg	01/16/23	01/13/23
Chloroform	ND		5	ug/kg	01/16/23	01/13/23
Chloromethane	ND		5	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		99	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		5	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		5	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		5	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		5	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		5	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/16/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-135 (Continued)**

**Lab Number: 3A12020-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Styrene	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		5	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		5	ug/kg	01/16/23	01/13/23
Toluene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		5	ug/kg	01/16/23	01/13/23
o-Xylene	ND		5	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		10	ug/kg	01/16/23	01/13/23
Total xylenes	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		5	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>98.1%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>
<i>Toluene-d8</i>	<i>106%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/13/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-127**

**Lab Number: 3A12020-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	01/16/23	01/13/23
Benzene	ND		5	ug/kg	01/16/23	01/13/23
Bromobenzene	ND		5	ug/kg	01/16/23	01/13/23
Bromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromodichloromethane	ND		5	ug/kg	01/16/23	01/13/23
Bromoform	ND		5	ug/kg	01/16/23	01/13/23
Bromomethane	ND		5	ug/kg	01/16/23	01/13/23
2-Butanone	ND		5	ug/kg	01/16/23	01/13/23
tert-Butyl alcohol	ND		5	ug/kg	01/16/23	01/13/23
sec-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
n-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
tert-Butylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/16/23	01/13/23
Carbon Disulfide	ND		5	ug/kg	01/16/23	01/13/23
Carbon Tetrachloride	ND		5	ug/kg	01/16/23	01/13/23
Chlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
Chloroethane	ND		5	ug/kg	01/16/23	01/13/23
Chloroform	ND		5	ug/kg	01/16/23	01/13/23
Chloromethane	ND		5	ug/kg	01/16/23	01/13/23
4-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
2-Chlorotoluene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/16/23	01/13/23
Dibromochloromethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/16/23	01/13/23
Dibromomethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloroethane	ND		5	ug/kg	01/16/23	01/13/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
2,2-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,1-Dichloropropene	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/16/23	01/13/23
Diethyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,4-Dioxane	ND		100	ug/kg	01/16/23	01/13/23
Ethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Hexachlorobutadiene	ND		5	ug/kg	01/16/23	01/13/23
2-Hexanone	ND		5	ug/kg	01/16/23	01/13/23
Isopropylbenzene	ND		5	ug/kg	01/16/23	01/13/23
p-Isopropyltoluene	ND		5	ug/kg	01/16/23	01/13/23
Methylene Chloride	ND		5	ug/kg	01/16/23	01/13/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/16/23	01/13/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-127 (Continued)**

**Lab Number: 3A12020-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/16/23	01/13/23
n-Propylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Styrene	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
Tetrachloroethene	ND		5	ug/kg	01/16/23	01/13/23
Tetrahydrofuran	ND		5	ug/kg	01/16/23	01/13/23
Toluene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/16/23	01/13/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/16/23	01/13/23
Trichloroethene	ND		5	ug/kg	01/16/23	01/13/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/16/23	01/13/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/16/23	01/13/23
Vinyl Chloride	ND		5	ug/kg	01/16/23	01/13/23
o-Xylene	ND		5	ug/kg	01/16/23	01/13/23
m&p-Xylene	ND		10	ug/kg	01/16/23	01/13/23
Total xylenes	ND		5	ug/kg	01/16/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/16/23	01/13/23
tert-Amyl methyl ether	ND		5	ug/kg	01/16/23	01/13/23
1,3-Dichloropropane	ND		5	ug/kg	01/16/23	01/13/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/16/23	01/13/23
Diisopropyl ether	ND		5	ug/kg	01/16/23	01/13/23
Trichlorofluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Dichlorodifluoromethane	ND		5	ug/kg	01/16/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>83.4%</i>		<i>70-130</i>		01/16/23	01/13/23
<i>1,2-Dichloroethane-d4</i>	<i>92.3%</i>		<i>70-130</i>		01/16/23	01/13/23
<i>Toluene-d8</i>	<i>104%</i>		<i>70-130</i>		01/16/23	01/13/23

## Results: Volatile Organic Compounds

**Sample: DUP-1**  
**Lab Number: 3A12020-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		84	ug/kg	01/16/23	01/16/23
Benzene	ND		7	ug/kg	01/16/23	01/16/23
Bromobenzene	ND		7	ug/kg	01/16/23	01/16/23
Bromochloromethane	ND		7	ug/kg	01/16/23	01/16/23
Bromodichloromethane	ND		7	ug/kg	01/16/23	01/16/23
Bromoform	ND		7	ug/kg	01/16/23	01/16/23
Bromomethane	ND		7	ug/kg	01/16/23	01/16/23
2-Butanone	ND		7	ug/kg	01/16/23	01/16/23
tert-Butyl alcohol	ND		7	ug/kg	01/16/23	01/16/23
sec-Butylbenzene	ND		7	ug/kg	01/16/23	01/16/23
n-Butylbenzene	ND		7	ug/kg	01/16/23	01/16/23
tert-Butylbenzene	ND		7	ug/kg	01/16/23	01/16/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	01/16/23	01/16/23
Carbon Disulfide	ND		7	ug/kg	01/16/23	01/16/23
Carbon Tetrachloride	ND		7	ug/kg	01/16/23	01/16/23
Chlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
Chloroethane	ND		7	ug/kg	01/16/23	01/16/23
Chloroform	ND		7	ug/kg	01/16/23	01/16/23
Chloromethane	ND		7	ug/kg	01/16/23	01/16/23
4-Chlorotoluene	ND		7	ug/kg	01/16/23	01/16/23
2-Chlorotoluene	ND		7	ug/kg	01/16/23	01/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	01/16/23	01/16/23
Dibromochloromethane	ND		7	ug/kg	01/16/23	01/16/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	01/16/23	01/16/23
Dibromomethane	ND		7	ug/kg	01/16/23	01/16/23
1,2-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
1,3-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
1,4-Dichlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
1,1-Dichloroethane	ND		7	ug/kg	01/16/23	01/16/23
1,2-Dichloroethane	ND		7	ug/kg	01/16/23	01/16/23
trans-1,2-Dichloroethene	ND		7	ug/kg	01/16/23	01/16/23
cis-1,2-Dichloroethene	ND		7	ug/kg	01/16/23	01/16/23
1,1-Dichloroethene	ND		7	ug/kg	01/16/23	01/16/23
1,2-Dichloropropane	ND		7	ug/kg	01/16/23	01/16/23
2,2-Dichloropropane	ND		7	ug/kg	01/16/23	01/16/23
cis-1,3-Dichloropropene	ND		7	ug/kg	01/16/23	01/16/23
trans-1,3-Dichloropropene	ND		7	ug/kg	01/16/23	01/16/23
1,1-Dichloropropene	ND		7	ug/kg	01/16/23	01/16/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	01/16/23	01/16/23
Diethyl ether	ND		7	ug/kg	01/16/23	01/16/23
1,4-Dioxane	ND		133	ug/kg	01/16/23	01/16/23
Ethylbenzene	ND		7	ug/kg	01/16/23	01/16/23
Hexachlorobutadiene	ND		7	ug/kg	01/16/23	01/16/23
2-Hexanone	ND		7	ug/kg	01/16/23	01/16/23
Isopropylbenzene	ND		7	ug/kg	01/16/23	01/16/23
p-Isopropyltoluene	ND		7	ug/kg	01/16/23	01/16/23
Methylene Chloride	ND		31	ug/kg	01/16/23	01/16/23
4-Methyl-2-pentanone	ND		7	ug/kg	01/16/23	01/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: DUP-1 (Continued)**

**Lab Number: 3A12020-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	01/16/23	01/16/23
n-Propylbenzene	ND		7	ug/kg	01/16/23	01/16/23
Styrene	ND		7	ug/kg	01/16/23	01/16/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/16/23	01/16/23
Tetrachloroethene	ND		7	ug/kg	01/16/23	01/16/23
Tetrahydrofuran	ND		7	ug/kg	01/16/23	01/16/23
Toluene	ND		7	ug/kg	01/16/23	01/16/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	01/16/23	01/16/23
1,1,2-Trichloroethane	ND		7	ug/kg	01/16/23	01/16/23
1,1,1-Trichloroethane	ND		7	ug/kg	01/16/23	01/16/23
Trichloroethene	ND		7	ug/kg	01/16/23	01/16/23
1,2,3-Trichloropropane	ND		7	ug/kg	01/16/23	01/16/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	01/16/23	01/16/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	01/16/23	01/16/23
Vinyl Chloride	ND		7	ug/kg	01/16/23	01/16/23
o-Xylene	ND		7	ug/kg	01/16/23	01/16/23
m&p-Xylene	ND		13	ug/kg	01/16/23	01/16/23
Total xylenes	ND		7	ug/kg	01/16/23	01/16/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	01/16/23	01/16/23
tert-Amyl methyl ether	ND		7	ug/kg	01/16/23	01/16/23
1,3-Dichloropropane	ND		7	ug/kg	01/16/23	01/16/23
Ethyl tert-butyl ether	ND		7	ug/kg	01/16/23	01/16/23
Diisopropyl ether	ND		7	ug/kg	01/16/23	01/16/23
Trichlorofluoromethane	ND		7	ug/kg	01/16/23	01/16/23
Dichlorodifluoromethane	ND		7	ug/kg	01/16/23	01/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>91.9%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>91.0%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/16/23</i>
<i>Toluene-d8</i>	<i>107%</i>		<i>70-130</i>		<i>01/16/23</i>	<i>01/16/23</i>

## Results: Volatile Organic Compounds

**Sample: Trip Blank**  
**Lab Number: 3A12020-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	01/13/23	01/13/23
Benzene	ND		5	ug/kg	01/13/23	01/13/23
Bromobenzene	ND		5	ug/kg	01/13/23	01/13/23
Bromochloromethane	ND		5	ug/kg	01/13/23	01/13/23
Bromodichloromethane	ND		5	ug/kg	01/13/23	01/13/23
Bromoform	ND		5	ug/kg	01/13/23	01/13/23
Bromomethane	ND		5	ug/kg	01/13/23	01/13/23
2-Butanone	ND		5	ug/kg	01/13/23	01/13/23
tert-Butyl alcohol	ND		5	ug/kg	01/13/23	01/13/23
sec-Butylbenzene	ND		5	ug/kg	01/13/23	01/13/23
n-Butylbenzene	ND		5	ug/kg	01/13/23	01/13/23
tert-Butylbenzene	ND		5	ug/kg	01/13/23	01/13/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	01/13/23	01/13/23
Carbon Disulfide	ND		5	ug/kg	01/13/23	01/13/23
Carbon Tetrachloride	ND		5	ug/kg	01/13/23	01/13/23
Chlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
Chloroethane	ND		5	ug/kg	01/13/23	01/13/23
Chloroform	ND		5	ug/kg	01/13/23	01/13/23
Chloromethane	ND		5	ug/kg	01/13/23	01/13/23
4-Chlorotoluene	ND		5	ug/kg	01/13/23	01/13/23
2-Chlorotoluene	ND		5	ug/kg	01/13/23	01/13/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	01/13/23	01/13/23
Dibromochloromethane	ND		5	ug/kg	01/13/23	01/13/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	01/13/23	01/13/23
Dibromomethane	ND		5	ug/kg	01/13/23	01/13/23
1,2-Dichlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
1,3-Dichlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
1,4-Dichlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
1,1-Dichloroethane	ND		5	ug/kg	01/13/23	01/13/23
1,2-Dichloroethane	ND		5	ug/kg	01/13/23	01/13/23
trans-1,2-Dichloroethene	ND		5	ug/kg	01/13/23	01/13/23
cis-1,2-Dichloroethene	ND		5	ug/kg	01/13/23	01/13/23
1,1-Dichloroethene	ND		5	ug/kg	01/13/23	01/13/23
1,2-Dichloropropane	ND		5	ug/kg	01/13/23	01/13/23
2,2-Dichloropropane	ND		5	ug/kg	01/13/23	01/13/23
cis-1,3-Dichloropropene	ND		5	ug/kg	01/13/23	01/13/23
trans-1,3-Dichloropropene	ND		5	ug/kg	01/13/23	01/13/23
1,1-Dichloropropene	ND		5	ug/kg	01/13/23	01/13/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	01/13/23	01/13/23
Diethyl ether	ND		5	ug/kg	01/13/23	01/13/23
1,4-Dioxane	ND		100	ug/kg	01/13/23	01/13/23
Ethylbenzene	ND		5	ug/kg	01/13/23	01/13/23
Hexachlorobutadiene	ND		5	ug/kg	01/13/23	01/13/23
2-Hexanone	ND		5	ug/kg	01/13/23	01/13/23
Isopropylbenzene	ND		5	ug/kg	01/13/23	01/13/23
p-Isopropyltoluene	ND		5	ug/kg	01/13/23	01/13/23
Methylene Chloride	ND		2	ug/kg	01/13/23	01/13/23
4-Methyl-2-pentanone	ND		5	ug/kg	01/13/23	01/13/23

## Results: Volatile Organic Compounds (Continued)

**Sample: Trip Blank (Continued)**

**Lab Number: 3A12020-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	01/13/23	01/13/23
n-Propylbenzene	ND		5	ug/kg	01/13/23	01/13/23
Styrene	ND		5	ug/kg	01/13/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/13/23	01/13/23
Tetrachloroethene	ND		5	ug/kg	01/13/23	01/13/23
Tetrahydrofuran	ND		5	ug/kg	01/13/23	01/13/23
Toluene	ND		5	ug/kg	01/13/23	01/13/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	01/13/23	01/13/23
1,1,2-Trichloroethane	ND		5	ug/kg	01/13/23	01/13/23
1,1,1-Trichloroethane	ND		5	ug/kg	01/13/23	01/13/23
Trichloroethene	ND		5	ug/kg	01/13/23	01/13/23
1,2,3-Trichloropropane	ND		5	ug/kg	01/13/23	01/13/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	01/13/23	01/13/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	01/13/23	01/13/23
Vinyl Chloride	ND		5	ug/kg	01/13/23	01/13/23
o-Xylene	ND		5	ug/kg	01/13/23	01/13/23
m&p-Xylene	ND		10	ug/kg	01/13/23	01/13/23
Total xylenes	ND		5	ug/kg	01/13/23	01/13/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	01/13/23	01/13/23
tert-Amyl methyl ether	ND		5	ug/kg	01/13/23	01/13/23
1,3-Dichloropropane	ND		5	ug/kg	01/13/23	01/13/23
Ethyl tert-butyl ether	ND		5	ug/kg	01/13/23	01/13/23
Diisopropyl ether	ND		5	ug/kg	01/13/23	01/13/23
Trichlorofluoromethane	ND		5	ug/kg	01/13/23	01/13/23
Dichlorodifluoromethane	ND		5	ug/kg	01/13/23	01/13/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>105%</i>		<i>70-130</i>		01/13/23	01/13/23
<i>1,2-Dichloroethane-d4</i>	<i>104%</i>		<i>70-130</i>		01/13/23	01/13/23
<i>Toluene-d8</i>	<i>103%</i>		<i>70-130</i>		01/13/23	01/13/23

## Results: Semivolatile organic compounds

**Sample: BOT-139**

**Lab Number: 3A12020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		1160	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		1160	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		1160	ug/kg	01/17/23	01/23/23
Anthracene	ND		1160	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		1160	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		1160	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		1160	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		1160	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		1160	ug/kg	01/17/23	01/23/23
Chrysene	ND		1160	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		1160	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		1160	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		1160	ug/kg	01/17/23	01/23/23
Fluorene	ND		1160	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		1160	ug/kg	01/17/23	01/23/23
Naphthalene	ND		1160	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		1160	ug/kg	01/17/23	01/23/23
Pyrene	ND		1160	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	111%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	143%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	123%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-138**

**Lab Number: 3A12020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		147	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		147	ug/kg	01/17/23	01/23/23
Anthracene	ND		147	ug/kg	01/17/23	01/23/23
<b>Benzo(a)anthracene</b>	<b>165</b>		147	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		147	ug/kg	01/17/23	01/23/23
<b>Benzo(b)fluoranthene</b>	<b>201</b>		147	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		147	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		147	ug/kg	01/17/23	01/23/23
Chrysene	ND		147	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		147	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		147	ug/kg	01/17/23	01/23/23
<b>Fluoranthene</b>	<b>301</b>		147	ug/kg	01/17/23	01/23/23
Fluorene	ND		147	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	01/17/23	01/23/23
Naphthalene	ND		147	ug/kg	01/17/23	01/23/23
<b>Phenanthrene</b>	<b>229</b>		147	ug/kg	01/17/23	01/23/23
<b>Pyrene</b>	<b>321</b>		147	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	51.7%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	76.3%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	63.6%		34-130		01/17/23	01/23/23

**Results: Semivolatile organic compounds****Sample: BOT-132****Lab Number: 3A12020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		156	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		156	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		156	ug/kg	01/17/23	01/23/23
Anthracene	ND		156	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		156	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		156	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		156	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		156	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		156	ug/kg	01/17/23	01/23/23
Chrysene	ND		156	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		156	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		156	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		156	ug/kg	01/17/23	01/23/23
Fluorene	ND		156	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		156	ug/kg	01/17/23	01/23/23
Naphthalene	ND		156	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		156	ug/kg	01/17/23	01/23/23
Pyrene	ND		156	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	68.7%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	85.2%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	73.1%		34-130		01/17/23	01/23/23



## Results: Semivolatile organic compounds

**Sample: BOT-130**

**Lab Number: 3A12020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		149	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		149	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		149	ug/kg	01/17/23	01/23/23
Anthracene	ND		149	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		149	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		149	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		149	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		149	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		149	ug/kg	01/17/23	01/23/23
Chrysene	ND		149	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		149	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		149	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		149	ug/kg	01/17/23	01/23/23
Fluorene	ND		149	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		149	ug/kg	01/17/23	01/23/23
Naphthalene	ND		149	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		149	ug/kg	01/17/23	01/23/23
Pyrene	ND		149	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	49.1%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	74.6%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	59.3%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-131**

**Lab Number: 3A12020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		155	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		155	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		155	ug/kg	01/17/23	01/23/23
Anthracene	ND		155	ug/kg	01/17/23	01/23/23
<b>Benzo(a)anthracene</b>	<b>221</b>		155	ug/kg	01/17/23	01/23/23
<b>Benzo(a)pyrene</b>	<b>199</b>		155	ug/kg	01/17/23	01/23/23
<b>Benzo(b)fluoranthene</b>	<b>322</b>		155	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		155	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		155	ug/kg	01/17/23	01/23/23
<b>Chrysene</b>	<b>220</b>		155	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		155	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		155	ug/kg	01/17/23	01/23/23
<b>Fluoranthene</b>	<b>384</b>		155	ug/kg	01/17/23	01/23/23
Fluorene	ND		155	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		155	ug/kg	01/17/23	01/23/23
Naphthalene	ND		155	ug/kg	01/17/23	01/23/23
<b>Phenanthrene</b>	<b>208</b>		155	ug/kg	01/17/23	01/23/23
<b>Pyrene</b>	<b>485</b>		155	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	71.9%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	104%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	83.2%		34-130		01/17/23	01/23/23

**Results: Semivolatile organic compounds****Sample: BOT-129****Lab Number: 3A12020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		143	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		143	ug/kg	01/17/23	01/23/23
Anthracene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Chrysene	ND		143	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		143	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		143	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Fluorene	ND		143	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	01/17/23	01/23/23
Naphthalene	ND		143	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		143	ug/kg	01/17/23	01/23/23
Pyrene	ND		143	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	55.8%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	83.4%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	65.4%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-137**

**Lab Number: 3A12020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		145	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		145	ug/kg	01/17/23	01/23/23
Anthracene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Chrysene	ND		145	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		145	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		145	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Fluorene	ND		145	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	01/17/23	01/23/23
Naphthalene	ND		145	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		145	ug/kg	01/17/23	01/23/23
Pyrene	ND		145	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	53.8%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	73.3%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	58.7%		34-130		01/17/23	01/23/23

**Results: Semivolatile organic compounds****Sample: BOT-133****Lab Number: 3A12020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		148	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		148	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		148	ug/kg	01/17/23	01/23/23
Anthracene	ND		148	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		148	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		148	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		148	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		148	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		148	ug/kg	01/17/23	01/23/23
Chrysene	ND		148	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		148	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		148	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		148	ug/kg	01/17/23	01/23/23
Fluorene	ND		148	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		148	ug/kg	01/17/23	01/23/23
Naphthalene	ND		148	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		148	ug/kg	01/17/23	01/23/23
Pyrene	ND		148	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.5%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	70.3%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	55.2%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-128**

**Lab Number: 3A12020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		143	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		143	ug/kg	01/17/23	01/23/23
Anthracene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		143	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Chrysene	ND		143	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		143	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		143	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		143	ug/kg	01/17/23	01/23/23
Fluorene	ND		143	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	01/17/23	01/23/23
Naphthalene	ND		143	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		143	ug/kg	01/17/23	01/23/23
Pyrene	ND		143	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	41.4%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	48.1%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	43.4%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-125**

**Lab Number: 3A12020-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		146	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		146	ug/kg	01/17/23	01/23/23
Anthracene	ND		146	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		146	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		146	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		146	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		146	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		146	ug/kg	01/17/23	01/23/23
Chrysene	ND		146	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		146	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		146	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		146	ug/kg	01/17/23	01/23/23
Fluorene	ND		146	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	01/17/23	01/23/23
Naphthalene	ND		146	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		146	ug/kg	01/17/23	01/23/23
Pyrene	ND		146	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	41.2%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	66.4%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	50.2%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-136**

**Lab Number: 3A12020-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	01/17/23	01/20/23
Acenaphthene	ND		145	ug/kg	01/17/23	01/20/23
Acenaphthylene	ND		145	ug/kg	01/17/23	01/20/23
Anthracene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(a)anthracene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(a)pyrene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(b)fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(g,h,i)perylene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(k)fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Chrysene	ND		145	ug/kg	01/17/23	01/20/23
Dibenz(a,h)anthracene	ND		145	ug/kg	01/17/23	01/20/23
Dibenzofuran	ND		145	ug/kg	01/17/23	01/20/23
Fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Fluorene	ND		145	ug/kg	01/17/23	01/20/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	01/17/23	01/20/23
Naphthalene	ND		145	ug/kg	01/17/23	01/20/23
Phenanthrene	ND		145	ug/kg	01/17/23	01/20/23
Pyrene	ND		145	ug/kg	01/17/23	01/20/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	50.4%		30-126		01/17/23	01/20/23
<i>p-Terphenyl-d14</i>	77.3%		47-130		01/17/23	01/20/23
<i>2-Fluorobiphenyl</i>	59.3%		34-130		01/17/23	01/20/23



## Results: Semivolatile organic compounds

**Sample: BOT-135**

**Lab Number: 3A12020-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	01/17/23	01/23/23
Acenaphthene	ND		145	ug/kg	01/17/23	01/23/23
Acenaphthylene	ND		145	ug/kg	01/17/23	01/23/23
Anthracene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(a)anthracene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(a)pyrene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(b)fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(g,h,i)perylene	ND		145	ug/kg	01/17/23	01/23/23
Benzo(k)fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Chrysene	ND		145	ug/kg	01/17/23	01/23/23
Dibenz(a,h)anthracene	ND		145	ug/kg	01/17/23	01/23/23
Dibenzofuran	ND		145	ug/kg	01/17/23	01/23/23
Fluoranthene	ND		145	ug/kg	01/17/23	01/23/23
Fluorene	ND		145	ug/kg	01/17/23	01/23/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	01/17/23	01/23/23
Naphthalene	ND		145	ug/kg	01/17/23	01/23/23
Phenanthrene	ND		145	ug/kg	01/17/23	01/23/23
Pyrene	ND		145	ug/kg	01/17/23	01/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.9%		30-126		01/17/23	01/23/23
<i>p-Terphenyl-d14</i>	75.9%		47-130		01/17/23	01/23/23
<i>2-Fluorobiphenyl</i>	62.1%		34-130		01/17/23	01/23/23

## Results: Semivolatile organic compounds

**Sample: BOT-127**

**Lab Number: 3A12020-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	01/17/23	01/20/23
Acenaphthene	ND		145	ug/kg	01/17/23	01/20/23
Acenaphthylene	ND		145	ug/kg	01/17/23	01/20/23
Anthracene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(a)anthracene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(a)pyrene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(b)fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(g,h,i)perylene	ND		145	ug/kg	01/17/23	01/20/23
Benzo(k)fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Chrysene	ND		145	ug/kg	01/17/23	01/20/23
Dibenz(a,h)anthracene	ND		145	ug/kg	01/17/23	01/20/23
Dibenzofuran	ND		145	ug/kg	01/17/23	01/20/23
Fluoranthene	ND		145	ug/kg	01/17/23	01/20/23
Fluorene	ND		145	ug/kg	01/17/23	01/20/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	01/17/23	01/20/23
Naphthalene	ND		145	ug/kg	01/17/23	01/20/23
Phenanthrene	ND		145	ug/kg	01/17/23	01/20/23
Pyrene	ND		145	ug/kg	01/17/23	01/20/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	40.8%		30-126		01/17/23	01/20/23
<i>p-Terphenyl-d14</i>	80.8%		47-130		01/17/23	01/20/23
<i>2-Fluorobiphenyl</i>	45.4%		34-130		01/17/23	01/20/23

## Results: Semivolatile organic compounds

**Sample: DUP-1**

**Lab Number: 3A12020-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	01/17/23	01/20/23
Acenaphthene	ND		147	ug/kg	01/17/23	01/20/23
Acenaphthylene	ND		147	ug/kg	01/17/23	01/20/23
Anthracene	ND		147	ug/kg	01/17/23	01/20/23
Benzo(a)anthracene	ND		147	ug/kg	01/17/23	01/20/23
Benzo(a)pyrene	ND		147	ug/kg	01/17/23	01/20/23
Benzo(b)fluoranthene	ND		147	ug/kg	01/17/23	01/20/23
Benzo(g,h,i)perylene	ND		147	ug/kg	01/17/23	01/20/23
Benzo(k)fluoranthene	ND		147	ug/kg	01/17/23	01/20/23
Chrysene	ND		147	ug/kg	01/17/23	01/20/23
Dibenz(a,h)anthracene	ND		147	ug/kg	01/17/23	01/20/23
Dibenzofuran	ND		147	ug/kg	01/17/23	01/20/23
Fluoranthene	ND		147	ug/kg	01/17/23	01/20/23
Fluorene	ND		147	ug/kg	01/17/23	01/20/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	01/17/23	01/20/23
Naphthalene	ND		147	ug/kg	01/17/23	01/20/23
Phenanthrene	ND		147	ug/kg	01/17/23	01/20/23
Pyrene	ND		147	ug/kg	01/17/23	01/20/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.7%		30-126		01/17/23	01/20/23
<i>p-Terphenyl-d14</i>	134%		47-130		01/17/23	01/20/23
<i>2-Fluorobiphenyl</i>	56.8%		34-130		01/17/23	01/20/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-139****Lab Number: 3A12020-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>392</b>		151	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-138****Lab Number: 3A12020-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>108%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-132****Lab Number: 3A12020-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>45</b>		31	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>85.8%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-130****Lab Number: 3A12020-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>121%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-131****Lab Number: 3A12020-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>162</b>		32	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>91.2%</i>		<i>50-130</i>		01/16/23	01/17/23



**Results: Total Petroleum Hydrocarbons****Sample: BOT-129****Lab Number: 3A12020-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-137****Lab Number: 3A12020-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>110%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-133****Lab Number: 3A12020-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/16/23	01/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>92.4%</i>		<i>50-130</i>		01/16/23	01/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-128****Lab Number: 3A12020-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	01/17/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>91.9%</i>		<i>50-130</i>		01/17/23	01/18/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-125****Lab Number: 3A12020-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/17/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	86.2%		50-130		01/17/23	01/18/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-136****Lab Number: 3A12020-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	01/17/23	01/19/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>63.1%</i>		<i>50-130</i>		01/17/23	01/19/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-135****Lab Number: 3A12020-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	01/17/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>70.3%</i>		<i>50-130</i>		01/17/23	01/18/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-127****Lab Number: 3A12020-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	01/17/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>89.9%</i>		<i>50-130</i>		01/17/23	01/18/23



**Results: Total Petroleum Hydrocarbons****Sample: DUP-1****Lab Number: 3A12020-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	01/17/23	01/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>92.0%</i>		<i>50-130</i>		01/17/23	01/18/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0537 - Metals Digestion Soils</b>										
<b>Blank (B3A0537-BLK1)</b>										
					Prepared: 01/13/23 Analyzed: 01/17/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3A0537-BS1)</b>										
					Prepared: 01/13/23 Analyzed: 01/17/23					
Arsenic	21.0		1.00	mg/kg	20.0		105	85-115		
Lead	97.4		0.50	mg/kg	100		97.4	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0532 - EPA 5035</b>										
<b>Blank (B3A0532-BLK1)</b>					Prepared & Analyzed: 01/12/23					
Acetone	ND		60	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		40	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0532 - EPA 5035 (Continued)</b>										
<b>Blank (B3A0532-BLK1)</b>					Prepared & Analyzed: 01/12/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			47.6	ug/kg	50.0		95.3	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			49.8	ug/kg	50.0		99.6	70-130		
<i>Surrogate: Toluene-d8</i>			49.1	ug/kg	50.0		98.2	70-130		
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<b>LCS (B3A0532-BS1)</b>					Prepared & Analyzed: 01/12/23					
Acetone	20			ug/kg	50.0		40.1	60-140		
Benzene	47			ug/kg	50.0		94.3	70-130		
Bromobenzene	44			ug/kg	50.0		87.6	70-130		
Bromochloromethane	44			ug/kg	50.0		87.3	70-130		
Bromodichloromethane	48			ug/kg	50.0		95.5	70-130		
Bromoform	41			ug/kg	50.0		82.1	70-130		
Bromomethane	41			ug/kg	50.0		82.0	60-140		
2-Butanone	28			ug/kg	50.0		56.7	60-140		
tert-Butyl alcohol	45			ug/kg	50.0		90.8	70-130		
sec-Butylbenzene	49			ug/kg	50.0		97.3	70-130		
n-Butylbenzene	50			ug/kg	50.0		99.0	70-130		
tert-Butylbenzene	47			ug/kg	50.0		94.4	70-130		
Methyl t-butyl ether (MTBE)	50			ug/kg	50.0		100	70-130		
Carbon Disulfide	49			ug/kg	50.0		97.3	50-150		
Carbon Tetrachloride	47			ug/kg	50.0		93.5	70-130		
Chlorobenzene	46			ug/kg	50.0		92.1	70-130		
Chloroethane	47			ug/kg	50.0		93.9	60-140		
Chloroform	47			ug/kg	50.0		93.1	70-130		
Chloromethane	43			ug/kg	50.0		85.9	60-140		
4-Chlorotoluene	47			ug/kg	50.0		94.7	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.8	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.2	70-130		
Dibromochloromethane	49			ug/kg	50.0		97.2	70-130		
1,2-Dibromoethane (EDB)	47			ug/kg	50.0		94.7	70-130		
Dibromomethane	48			ug/kg	50.0		96.4	60-140		
1,2-Dichlorobenzene	47			ug/kg	50.0		95.0	70-130		
1,3-Dichlorobenzene	48			ug/kg	50.0		96.3	70-130		
1,4-Dichlorobenzene	48			ug/kg	50.0		96.2	70-130		
1,1-Dichloroethane	45			ug/kg	50.0		90.0	70-130		
1,2-Dichloroethane	45			ug/kg	50.0		89.5	70-130		
trans-1,2-Dichloroethene	48			ug/kg	50.0		96.3	70-130		
cis-1,2-Dichloroethene	44			ug/kg	50.0		88.2	70-130		
1,1-Dichloroethene	43			ug/kg	50.0		86.4	70-130		
1,2-Dichloropropane	44			ug/kg	50.0		87.5	70-130		
2,2-Dichloropropane	45			ug/kg	50.0		89.8	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0532 - EPA 5035 (Continued)</b>										
<b>LCS (B3A0532-BS1)</b>					Prepared & Analyzed: 01/12/23					
cis-1,3-Dichloropropene	46			ug/kg	50.0		92.7	70-130		
trans-1,3-Dichloropropene	47			ug/kg	50.0		94.9	70-130		
1,1-Dichloropropene	43			ug/kg	50.0		87.0	70-130		
Diethyl ether	42			ug/kg	50.0		85.0	60-140		
1,4-Dioxane	248			ug/kg	250		99.3	0-200		
Ethylbenzene	47			ug/kg	50.0		94.2	70-130		
Hexachlorobutadiene	41			ug/kg	50.0		82.8	70-130		
2-Hexanone	39			ug/kg	50.0		77.5	70-130		
Isopropylbenzene	47			ug/kg	50.0		94.3	70-130		
p-Isopropyltoluene	47			ug/kg	50.0		94.8	70-130		
Methylene Chloride	51			ug/kg	50.0		102	60-140		
4-Methyl-2-pentanone	39			ug/kg	50.0		77.3	70-130		
Naphthalene	47			ug/kg	50.0		93.1	70-130		
n-Propylbenzene	48			ug/kg	50.0		96.8	70-130		
Styrene	49			ug/kg	50.0		97.1	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.6	70-130		
Tetrachloroethene	41			ug/kg	50.0		81.7	70-130		
Tetrahydrofuran	41			ug/kg	50.0		82.8	50-150		
Toluene	44			ug/kg	50.0		88.8	70-130		
1,2,4-Trichlorobenzene	42			ug/kg	50.0		84.8	70-130		
1,2,3-Trichlorobenzene	43			ug/kg	50.0		85.8	70-130		
1,1,2-Trichloroethane	49			ug/kg	50.0		97.3	70-130		
1,1,1-Trichloroethane	45			ug/kg	50.0		90.6	70-130		
Trichloroethene	48			ug/kg	50.0		95.8	70-130		
1,2,3-Trichloropropane	49			ug/kg	50.0		98.0	70-130		
1,3,5-Trimethylbenzene	47			ug/kg	50.0		94.5	70-130		
1,2,4-Trimethylbenzene	47			ug/kg	50.0		94.6	70-130		
Vinyl Chloride	54			ug/kg	50.0		108	60-140		
o-Xylene	48			ug/kg	50.0		95.7	70-130		
m&p-Xylene	95			ug/kg	100		94.5	70-130		
1,1,2,2-Tetrachloroethane	49			ug/kg	50.0		98.3	70-130		
tert-Amyl methyl ether	52			ug/kg	50.0		104	70-130		
1,3-Dichloropropane	49			ug/kg	50.0		97.0	70-130		
Ethyl tert-butyl ether	46			ug/kg	50.0		91.9	70-130		
Trichlorofluoromethane	51			ug/kg	50.0		102	70-130		
Dichlorodifluoromethane	62			ug/kg	50.0		125	60-140		
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Surrogate: 4-Bromofluorobenzene			49.8	ug/kg	50.0		99.6	70-130		
Surrogate: 1,2-Dichloroethane-d4			47.2	ug/kg	50.0		94.5	70-130		
Surrogate: Toluene-d8			50.9	ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0532 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 01/12/23					
<b>LCS Dup (B3A0532-BSD1)</b>										
Acetone	18			ug/kg	50.0		35.0	60-140	13.6	30
Benzene	41			ug/kg	50.0		81.7	70-130	14.3	20
Bromobenzene	39			ug/kg	50.0		78.7	70-130	10.6	20
Bromochloromethane	43			ug/kg	50.0		86.7	70-130	0.689	20
Bromodichloromethane	41			ug/kg	50.0		82.1	70-130	15.1	20
Bromoform	40			ug/kg	50.0		80.1	70-130	2.46	20
Bromomethane	42			ug/kg	50.0		83.9	60-140	2.27	30
2-Butanone	27			ug/kg	50.0		53.9	60-140	5.06	30
tert-Butyl alcohol	48			ug/kg	50.0		95.2	70-130	4.75	20
sec-Butylbenzene	44			ug/kg	50.0		87.2	70-130	10.9	20
n-Butylbenzene	45			ug/kg	50.0		89.2	70-130	10.5	20
tert-Butylbenzene	43			ug/kg	50.0		85.7	70-130	9.71	20
Methyl t-butyl ether (MTBE)	48			ug/kg	50.0		95.6	70-130	4.82	20
Carbon Disulfide	44			ug/kg	50.0		88.4	50-150	9.61	40
Carbon Tetrachloride	42			ug/kg	50.0		83.2	70-130	11.7	20
Chlorobenzene	43			ug/kg	50.0		85.9	70-130	7.01	20
Chloroethane	42			ug/kg	50.0		84.2	60-140	11.0	30
Chloroform	45			ug/kg	50.0		89.7	70-130	3.74	20
Chloromethane	40			ug/kg	50.0		80.8	60-140	6.12	30
4-Chlorotoluene	43			ug/kg	50.0		86.9	70-130	8.59	20
2-Chlorotoluene	43			ug/kg	50.0		86.9	70-130	8.76	20
1,2-Dibromo-3-chloropropane (DBCP)	43			ug/kg	50.0		86.2	70-130	4.58	20
Dibromochloromethane	42			ug/kg	50.0		84.6	70-130	13.8	20
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		85.0	70-130	10.7	20
Dibromomethane	43			ug/kg	50.0		86.9	60-140	10.4	30
1,2-Dichlorobenzene	43			ug/kg	50.0		86.2	70-130	9.69	20
1,3-Dichlorobenzene	43			ug/kg	50.0		86.9	70-130	10.3	20
1,4-Dichlorobenzene	44			ug/kg	50.0		87.2	70-130	9.86	20
1,1-Dichloroethane	41			ug/kg	50.0		82.3	70-130	8.96	20
1,2-Dichloroethane	42			ug/kg	50.0		83.2	70-130	7.25	20
trans-1,2-Dichloroethene	43			ug/kg	50.0		86.9	70-130	10.3	20
cis-1,2-Dichloroethene	42			ug/kg	50.0		83.4	70-130	5.60	20
1,1-Dichloroethene	40			ug/kg	50.0		80.4	70-130	7.22	20
1,2-Dichloropropane	41			ug/kg	50.0		82.9	70-130	5.40	20
2,2-Dichloropropane	40			ug/kg	50.0		80.8	70-130	10.6	20
cis-1,3-Dichloropropene	42			ug/kg	50.0		83.2	70-130	10.7	20
trans-1,3-Dichloropropene	44			ug/kg	50.0		87.4	70-130	8.27	20
1,1-Dichloropropene	41			ug/kg	50.0		81.5	70-130	6.48	20
Diethyl ether	41			ug/kg	50.0		81.1	60-140	4.70	30
1,4-Dioxane	256			ug/kg	250		102	0-200	3.17	50
Ethylbenzene	43			ug/kg	50.0		86.4	70-130	8.59	20
Hexachlorobutadiene	38			ug/kg	50.0		76.2	70-130	8.33	20
2-Hexanone	35			ug/kg	50.0		70.8	70-130	8.96	20
Isopropylbenzene	43			ug/kg	50.0		86.1	70-130	9.14	20
p-Isopropyltoluene	44			ug/kg	50.0		87.2	70-130	8.44	20
Methylene Chloride	52			ug/kg	50.0		103	60-140	1.47	30
4-Methyl-2-pentanone	38			ug/kg	50.0		76.7	70-130	0.701	20
Naphthalene	46			ug/kg	50.0		92.0	70-130	1.21	20
n-Propylbenzene	44			ug/kg	50.0		88.5	70-130	9.00	20
Styrene	43			ug/kg	50.0		86.2	70-130	11.9	20
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		87.1	70-130	5.13	20
Tetrachloroethene	40			ug/kg	50.0		79.2	70-130	3.13	20
Tetrahydrofuran	43			ug/kg	50.0		85.8	50-150	3.49	40
Toluene	41			ug/kg	50.0		81.6	70-130	8.45	20
1,2,4-Trichlorobenzene	39			ug/kg	50.0		78.9	70-130	7.21	20
1,2,3-Trichlorobenzene	41			ug/kg	50.0		81.9	70-130	4.65	20
1,1,2-Trichloroethane	44			ug/kg	50.0		88.6	70-130	8.33	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0532 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3A0532-BSD1)</b>					Prepared & Analyzed: 01/12/23					
1,1,1-Trichloroethane	41			ug/kg	50.0		82.9	70-130	8.92	20
Trichloroethene	41			ug/kg	50.0		81.3	70-130	16.4	20
1,2,3-Trichloropropane	46			ug/kg	50.0		91.4	70-130	6.97	20
1,3,5-Trimethylbenzene	43			ug/kg	50.0		85.8	70-130	9.61	20
1,2,4-Trimethylbenzene	43			ug/kg	50.0		85.8	70-130	9.80	20
Vinyl Chloride	49			ug/kg	50.0		98.6	60-140	9.10	30
o-Xylene	42			ug/kg	50.0		84.3	70-130	12.7	20
m&p-Xylene	87			ug/kg	100		87.2	70-130	8.10	20
1,1,2,2-Tetrachloroethane	46			ug/kg	50.0		91.5	70-130	7.12	20
tert-Amyl methyl ether	48			ug/kg	50.0		96.8	70-130	7.40	20
1,3-Dichloropropane	44			ug/kg	50.0		87.9	70-130	9.82	20
Ethyl tert-butyl ether	42			ug/kg	50.0		84.4	70-130	8.60	20
Trichlorofluoromethane	46			ug/kg	50.0		91.1	70-130	11.6	20
Dichlorodifluoromethane	55			ug/kg	50.0		111	60-140	11.8	30
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Surrogate: 4-Bromofluorobenzene			50.7	ug/kg	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4			45.7	ug/kg	50.0		91.4	70-130		
Surrogate: Toluene-d8			51.3	ug/kg	50.0		103	70-130		

**Batch: B3A0604 - EPA 5035**

**Blank (B3A0604-BLK1)**

Prepared: 01/16/23 Analyzed: 01/13/23

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0604 - EPA 5035 (Continued)</b>										
<b>Blank (B3A0604-BLK1)</b>										
					Prepared: 01/16/23 Analyzed: 01/13/23					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>50.5</i>	<i>ug/kg</i>	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>98.9</i>	<i>70-130</i>		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0604 - EPA 5035 (Continued)</b>										
<b>LCS (B3A0604-BS1)</b>										
					Prepared: 01/16/23 Analyzed: 01/13/23					
Acetone	42			ug/kg	50.0		84.4	60-140		
Benzene	45			ug/kg	50.0		90.1	70-130		
Bromobenzene	48			ug/kg	50.0		96.3	70-130		
Bromochloromethane	46			ug/kg	50.0		92.4	70-130		
Bromodichloromethane	47			ug/kg	50.0		93.0	70-130		
Bromoform	47			ug/kg	50.0		93.6	70-130		
Bromomethane	37			ug/kg	50.0		73.9	60-140		
2-Butanone	176			ug/kg	50.0		352	60-140		
tert-Butyl alcohol	35			ug/kg	50.0		70.4	70-130		
sec-Butylbenzene	52			ug/kg	50.0		104	70-130		
n-Butylbenzene	52			ug/kg	50.0		105	70-130		
tert-Butylbenzene	51			ug/kg	50.0		102	70-130		
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		97.4	70-130		
Carbon Disulfide	38			ug/kg	50.0		75.9	50-150		
Carbon Tetrachloride	40			ug/kg	50.0		80.3	70-130		
Chlorobenzene	47			ug/kg	50.0		94.2	70-130		
Chloroethane	14			ug/kg	50.0		28.1	60-140		
Chloroform	45			ug/kg	50.0		90.6	70-130		
Chloromethane	60			ug/kg	50.0		120	60-140		
4-Chlorotoluene	49			ug/kg	50.0		97.4	70-130		
2-Chlorotoluene	48			ug/kg	50.0		96.7	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		88.5	70-130		
Dibromochloromethane	46			ug/kg	50.0		91.8	70-130		
1,2-Dibromoethane (EDB)	46			ug/kg	50.0		91.6	70-130		
Dibromomethane	45			ug/kg	50.0		90.9	60-140		
1,2-Dichlorobenzene	49			ug/kg	50.0		98.4	70-130		
1,3-Dichlorobenzene	49			ug/kg	50.0		97.8	70-130		
1,4-Dichlorobenzene	48			ug/kg	50.0		96.5	70-130		
1,1-Dichloroethane	45			ug/kg	50.0		89.6	70-130		
1,2-Dichloroethane	45			ug/kg	50.0		90.1	70-130		
trans-1,2-Dichloroethene	48			ug/kg	50.0		95.8	70-130		
cis-1,2-Dichloroethene	45			ug/kg	50.0		90.9	70-130		
1,1-Dichloroethene	36			ug/kg	50.0		72.9	70-130		
1,2-Dichloropropane	46			ug/kg	50.0		92.3	70-130		
2,2-Dichloropropane	46			ug/kg	50.0		91.9	70-130		
cis-1,3-Dichloropropene	48			ug/kg	50.0		95.9	70-130		
trans-1,3-Dichloropropene	47			ug/kg	50.0		94.4	70-130		
1,1-Dichloropropene	47			ug/kg	50.0		93.7	70-130		
Diethyl ether	39			ug/kg	50.0		77.9	60-140		
1,4-Dioxane	241			ug/kg	250		96.3	0-200		
Ethylbenzene	48			ug/kg	50.0		96.4	70-130		
Hexachlorobutadiene	53			ug/kg	50.0		105	70-130		
2-Hexanone	49			ug/kg	50.0		98.0	70-130		
Isopropylbenzene	50			ug/kg	50.0		99.9	70-130		
p-Isopropyltoluene	51			ug/kg	50.0		102	70-130		
Methylene Chloride	32			ug/kg	50.0		64.2	60-140		
4-Methyl-2-pentanone	47			ug/kg	50.0		94.6	70-130		
Naphthalene	48			ug/kg	50.0		95.6	70-130		
n-Propylbenzene	51			ug/kg	50.0		101	70-130		
Styrene	48			ug/kg	50.0		96.8	70-130		
1,1,1,2-Tetrachloroethane	47			ug/kg	50.0		95.0	70-130		
Tetrachloroethene	47			ug/kg	50.0		94.4	70-130		
Tetrahydrofuran	49			ug/kg	50.0		97.9	50-150		
Toluene	54			ug/kg	50.0		107	70-130		
1,2,4-Trichlorobenzene	51			ug/kg	50.0		102	70-130		
1,2,3-Trichlorobenzene	49			ug/kg	50.0		97.9	70-130		
1,1,2-Trichloroethane	46			ug/kg	50.0		92.7	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0604 - EPA 5035 (Continued)</b>										
<b>LCS (B3A0604-BS1)</b>										
					Prepared: 01/16/23 Analyzed: 01/13/23					
1,1,1-Trichloroethane	46			ug/kg	50.0		91.5	70-130		
Trichloroethene	44			ug/kg	50.0		87.4	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		93.6	70-130		
1,3,5-Trimethylbenzene	50			ug/kg	50.0		100	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		97.8	70-130		
Vinyl Chloride	48			ug/kg	50.0		96.5	60-140		
o-Xylene	48			ug/kg	50.0		96.0	70-130		
m&p-Xylene	97			ug/kg	100		96.8	70-130		
1,1,2,2-Tetrachloroethane	45			ug/kg	50.0		90.1	70-130		
tert-Amyl methyl ether	50			ug/kg	50.0		99.5	70-130		
1,3-Dichloropropane	46			ug/kg	50.0		91.4	70-130		
Ethyl tert-butyl ether	51			ug/kg	50.0		103	70-130		
Trichlorofluoromethane	14			ug/kg	50.0		28.9	70-130		
Dichlorodifluoromethane	97			ug/kg	50.0		194	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>50.0</i>	ug/kg	<i>50.0</i>		<i>100</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>49.0</i>	ug/kg	<i>50.0</i>		<i>98.0</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.5</i>	ug/kg	<i>50.0</i>		<i>99.0</i>	<i>70-130</i>		
<hr/>										
<b>LCS Dup (B3A0604-BSD1)</b>										
					Prepared: 01/16/23 Analyzed: 01/13/23					
Acetone	35			ug/kg	50.0		70.9	60-140	17.4	30
Benzene	44			ug/kg	50.0		87.9	70-130	2.52	20
Bromobenzene	48			ug/kg	50.0		95.2	70-130	1.19	20
Bromochloromethane	46			ug/kg	50.0		91.9	70-130	0.542	20
Bromodichloromethane	46			ug/kg	50.0		91.1	70-130	2.13	20
Bromoform	47			ug/kg	50.0		94.4	70-130	0.809	20
Bromomethane	65			ug/kg	50.0		129	60-140	54.4	30
2-Butanone	44			ug/kg	50.0		88.5	60-140	120	30
tert-Butyl alcohol	37			ug/kg	50.0		73.4	70-130	4.06	20
sec-Butylbenzene	51			ug/kg	50.0		102	70-130	1.98	20
n-Butylbenzene	53			ug/kg	50.0		105	70-130	0.400	20
tert-Butylbenzene	50			ug/kg	50.0		100	70-130	1.72	20
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		98.1	70-130	0.716	20
Carbon Disulfide	43			ug/kg	50.0		86.6	50-150	13.1	40
Carbon Tetrachloride	41			ug/kg	50.0		82.6	70-130	2.83	20
Chlorobenzene	47			ug/kg	50.0		93.1	70-130	1.20	20
Chloroethane	44			ug/kg	50.0		88.5	60-140	104	30
Chloroform	43			ug/kg	50.0		86.9	70-130	4.24	20
Chloromethane	47			ug/kg	50.0		94.2	60-140	24.0	30
4-Chlorotoluene	48			ug/kg	50.0		96.0	70-130	1.41	20
2-Chlorotoluene	48			ug/kg	50.0		95.4	70-130	1.42	20
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/kg	50.0		91.0	70-130	2.85	20
Dibromochloromethane	46			ug/kg	50.0		93.0	70-130	1.26	20
1,2-Dibromoethane (EDB)	47			ug/kg	50.0		94.7	70-130	3.35	20
Dibromomethane	45			ug/kg	50.0		89.9	60-140	1.11	30
1,2-Dichlorobenzene	49			ug/kg	50.0		97.9	70-130	0.509	20
1,3-Dichlorobenzene	47			ug/kg	50.0		94.7	70-130	3.24	20
1,4-Dichlorobenzene	48			ug/kg	50.0		95.2	70-130	1.38	20
1,1-Dichloroethane	45			ug/kg	50.0		89.4	70-130	0.246	20
1,2-Dichloroethane	44			ug/kg	50.0		88.8	70-130	1.50	20
trans-1,2-Dichloroethene	48			ug/kg	50.0		96.8	70-130	1.02	20
cis-1,2-Dichloroethene	45			ug/kg	50.0		90.0	70-130	0.995	20
1,1-Dichloroethene	43			ug/kg	50.0		86.1	70-130	16.6	20
1,2-Dichloropropane	45			ug/kg	50.0		90.1	70-130	2.35	20
2,2-Dichloropropane	45			ug/kg	50.0		90.1	70-130	1.98	20
cis-1,3-Dichloropropene	45			ug/kg	50.0		90.9	70-130	5.37	20
trans-1,3-Dichloropropene	47			ug/kg	50.0		93.1	70-130	1.43	20
1,1-Dichloropropene	48			ug/kg	50.0		97.0	70-130	3.40	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0604 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3A0604-BSD1)</b>										
					Prepared: 01/16/23 Analyzed: 01/13/23					
Diethyl ether	47			ug/kg	50.0		94.9	60-140	19.6	30
1,4-Dioxane	248			ug/kg	250		99.2	0-200	2.90	50
Ethylbenzene	47			ug/kg	50.0		93.5	70-130	3.03	20
Hexachlorobutadiene	51			ug/kg	50.0		102	70-130	2.51	20
2-Hexanone	46			ug/kg	50.0		92.2	70-130	6.14	20
Isopropylbenzene	49			ug/kg	50.0		99.0	70-130	0.905	20
p-Isopropyltoluene	50			ug/kg	50.0		101	70-130	1.42	20
Methylene Chloride	34			ug/kg	50.0		67.7	60-140	5.28	30
4-Methyl-2-pentanone	45			ug/kg	50.0		89.9	70-130	5.14	20
Naphthalene	49			ug/kg	50.0		97.6	70-130	2.11	20
n-Propylbenzene	50			ug/kg	50.0		100	70-130	1.43	20
Styrene	48			ug/kg	50.0		95.4	70-130	1.50	20
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		92.7	70-130	2.43	20
Tetrachloroethene	49			ug/kg	50.0		98.7	70-130	4.54	20
Tetrahydrofuran	48			ug/kg	50.0		96.3	50-150	1.59	40
Toluene	47			ug/kg	50.0		93.8	70-130	13.6	20
1,2,4-Trichlorobenzene	50			ug/kg	50.0		99.2	70-130	2.45	20
1,2,3-Trichlorobenzene	50			ug/kg	50.0		99.4	70-130	1.52	20
1,1,2-Trichloroethane	45			ug/kg	50.0		91.0	70-130	1.87	20
1,1,1-Trichloroethane	46			ug/kg	50.0		91.9	70-130	0.458	20
Trichloroethene	44			ug/kg	50.0		88.6	70-130	1.43	20
1,2,3-Trichloropropane	46			ug/kg	50.0		91.4	70-130	2.31	20
1,3,5-Trimethylbenzene	49			ug/kg	50.0		98.8	70-130	1.65	20
1,2,4-Trimethylbenzene	48			ug/kg	50.0		95.3	70-130	2.61	20
Vinyl Chloride	47			ug/kg	50.0		93.8	60-140	2.82	30
o-Xylene	48			ug/kg	50.0		95.0	70-130	1.01	20
m&p-Xylene	95			ug/kg	100		95.0	70-130	1.86	20
1,1,2,2-Tetrachloroethane	46			ug/kg	50.0		91.4	70-130	1.41	20
tert-Amyl methyl ether	48			ug/kg	50.0		96.5	70-130	3.10	20
1,3-Dichloropropane	45			ug/kg	50.0		90.3	70-130	1.19	20
Ethyl tert-butyl ether	48			ug/kg	50.0		96.5	70-130	6.28	20
Trichlorofluoromethane	41			ug/kg	50.0		81.3	70-130	95.0	20
Dichlorodifluoromethane	99			ug/kg	50.0		198	60-140	1.92	30
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Surrogate: 4-Bromofluorobenzene			49.8	ug/kg	50.0		99.5	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.4	ug/kg	50.0		96.7	70-130		
Surrogate: Toluene-d8			49.8	ug/kg	50.0		99.7	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0610 - EPA 5035</b>										
<b>Blank (B3A0610-BLK1)</b>					Prepared & Analyzed: 01/13/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0610 - EPA 5035 (Continued)</b>										
<b>Blank (B3A0610-BLK1)</b>					Prepared & Analyzed: 01/13/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>45.7</i>	ug/kg	<i>50.0</i>		<i>91.4</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>49.3</i>	ug/kg	<i>50.0</i>		<i>98.7</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>53.0</i>	ug/kg	<i>50.0</i>		<i>106</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3A0610-BS1)</b>					Prepared & Analyzed: 01/13/23					
Acetone	42			ug/kg	50.0		83.3	60-140		
Benzene	48			ug/kg	50.0		95.4	70-130		
Bromobenzene	48			ug/kg	50.0		96.7	70-130		
Bromochloromethane	50			ug/kg	50.0		100	70-130		
Bromodichloromethane	57			ug/kg	50.0		113	70-130		
Bromoform	49			ug/kg	50.0		98.4	70-130		
Bromomethane	45			ug/kg	50.0		89.9	60-140		
2-Butanone	44			ug/kg	50.0		88.6	60-140		
tert-Butyl alcohol	45			ug/kg	50.0		89.1	70-130		
sec-Butylbenzene	47			ug/kg	50.0		94.2	70-130		
n-Butylbenzene	48			ug/kg	50.0		96.3	70-130		
tert-Butylbenzene	48			ug/kg	50.0		96.2	70-130		
Methyl t-butyl ether (MTBE)	56			ug/kg	50.0		112	70-130		
Carbon Disulfide	48			ug/kg	50.0		96.3	50-150		
Carbon Tetrachloride	54			ug/kg	50.0		107	70-130		
Chlorobenzene	47			ug/kg	50.0		93.6	70-130		
Chloroethane	47			ug/kg	50.0		94.9	60-140		
Chloroform	54			ug/kg	50.0		107	70-130		
Chloromethane	49			ug/kg	50.0		97.5	60-140		
4-Chlorotoluene	51			ug/kg	50.0		102	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.6	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	36			ug/kg	50.0		72.1	70-130		
Dibromochloromethane	56			ug/kg	50.0		112	70-130		
1,2-Dibromoethane (EDB)	52			ug/kg	50.0		104	70-130		
Dibromomethane	54			ug/kg	50.0		109	60-140		
1,2-Dichlorobenzene	47			ug/kg	50.0		94.0	70-130		
1,3-Dichlorobenzene	48			ug/kg	50.0		95.1	70-130		
1,4-Dichlorobenzene	46			ug/kg	50.0		91.0	70-130		
1,1-Dichloroethane	49			ug/kg	50.0		97.5	70-130		
1,2-Dichloroethane	58			ug/kg	50.0		116	70-130		
trans-1,2-Dichloroethene	48			ug/kg	50.0		95.7	70-130		
cis-1,2-Dichloroethene	49			ug/kg	50.0		97.5	70-130		
1,1-Dichloroethene	46			ug/kg	50.0		91.1	70-130		
1,2-Dichloropropane	48			ug/kg	50.0		95.4	70-130		
2,2-Dichloropropane	55			ug/kg	50.0		109	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0610 - EPA 5035 (Continued)</b>										
<b>LCS (B3A0610-BS1)</b>					Prepared & Analyzed: 01/13/23					
cis-1,3-Dichloropropene	52			ug/kg	50.0		103	70-130		
trans-1,3-Dichloropropene	55			ug/kg	50.0		110	70-130		
1,1-Dichloropropene	46			ug/kg	50.0		92.5	70-130		
Diethyl ether	54			ug/kg	50.0		109	60-140		
1,4-Dioxane	227			ug/kg	250		90.8	0-200		
Ethylbenzene	48			ug/kg	50.0		96.0	70-130		
Hexachlorobutadiene	37			ug/kg	50.0		73.7	70-130		
2-Hexanone	54			ug/kg	50.0		108	70-130		
Isopropylbenzene	48			ug/kg	50.0		96.1	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		95.4	70-130		
Methylene Chloride	51			ug/kg	50.0		102	60-140		
4-Methyl-2-pentanone	57			ug/kg	50.0		113	70-130		
Naphthalene	24			ug/kg	50.0		47.5	70-130		
n-Propylbenzene	49			ug/kg	50.0		98.0	70-130		
Styrene	49			ug/kg	50.0		97.1	70-130		
1,1,1,2-Tetrachloroethane	52			ug/kg	50.0		103	70-130		
Tetrachloroethene	49			ug/kg	50.0		97.2	70-130		
Tetrahydrofuran	51			ug/kg	50.0		102	50-150		
Toluene	49			ug/kg	50.0		97.5	70-130		
1,2,4-Trichlorobenzene	30			ug/kg	50.0		59.4	70-130		
1,2,3-Trichlorobenzene	19			ug/kg	50.0		37.6	70-130		
1,1,2-Trichloroethane	48			ug/kg	50.0		95.0	70-130		
1,1,1-Trichloroethane	55			ug/kg	50.0		111	70-130		
Trichloroethene	50			ug/kg	50.0		99.7	70-130		
1,2,3-Trichloropropane	52			ug/kg	50.0		103	70-130		
1,3,5-Trimethylbenzene	49			ug/kg	50.0		98.9	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		98.6	70-130		
Vinyl Chloride	44			ug/kg	50.0		87.0	60-140		
o-Xylene	48			ug/kg	50.0		95.3	70-130		
m&p-Xylene	95			ug/kg	100		94.5	70-130		
1,1,2,2-Tetrachloroethane	49			ug/kg	50.0		98.0	70-130		
tert-Amyl methyl ether	55			ug/kg	50.0		110	70-130		
1,3-Dichloropropane	53			ug/kg	50.0		107	70-130		
Ethyl tert-butyl ether	56			ug/kg	50.0		113	70-130		
Trichlorofluoromethane	49			ug/kg	50.0		98.7	70-130		
Dichlorodifluoromethane	59			ug/kg	50.0		117	60-140		
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Surrogate: 4-Bromofluorobenzene			53.5	ug/kg	50.0		107	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.7	ug/kg	50.0		99.3	70-130		
Surrogate: Toluene-d8			52.7	ug/kg	50.0		105	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0610 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 01/13/23					
<b>LCS Dup (B3A0610-BSD1)</b>										
Acetone	36			ug/kg	50.0		71.4	60-140	15.5	30
Benzene	48			ug/kg	50.0		96.2	70-130	0.835	20
Bromobenzene	47			ug/kg	50.0		93.5	70-130	3.39	20
Bromochloromethane	49			ug/kg	50.0		98.1	70-130	2.20	20
Bromodichloromethane	54			ug/kg	50.0		108	70-130	4.89	20
Bromoform	48			ug/kg	50.0		96.9	70-130	1.56	20
Bromomethane	48			ug/kg	50.0		95.8	60-140	6.38	30
2-Butanone	41			ug/kg	50.0		82.0	60-140	7.76	30
tert-Butyl alcohol	40			ug/kg	50.0		80.3	70-130	10.4	20
sec-Butylbenzene	47			ug/kg	50.0		94.4	70-130	0.255	20
n-Butylbenzene	49			ug/kg	50.0		97.1	70-130	0.807	20
tert-Butylbenzene	47			ug/kg	50.0		94.7	70-130	1.57	20
Methyl t-butyl ether (MTBE)	56			ug/kg	50.0		111	70-130	0.377	20
Carbon Disulfide	48			ug/kg	50.0		95.1	50-150	1.23	40
Carbon Tetrachloride	52			ug/kg	50.0		103	70-130	3.81	20
Chlorobenzene	46			ug/kg	50.0		92.8	70-130	0.944	20
Chloroethane	47			ug/kg	50.0		94.6	60-140	0.253	30
Chloroform	52			ug/kg	50.0		105	70-130	2.51	20
Chloromethane	51			ug/kg	50.0		101	60-140	4.02	30
4-Chlorotoluene	50			ug/kg	50.0		100	70-130	1.91	20
2-Chlorotoluene	47			ug/kg	50.0		93.7	70-130	0.977	20
1,2-Dibromo-3-chloropropane (DBCP)	36			ug/kg	50.0		72.8	70-130	0.938	20
Dibromochloromethane	55			ug/kg	50.0		110	70-130	1.83	20
1,2-Dibromoethane (EDB)	52			ug/kg	50.0		103	70-130	0.713	20
Dibromomethane	53			ug/kg	50.0		107	60-140	1.67	30
1,2-Dichlorobenzene	46			ug/kg	50.0		92.9	70-130	1.18	20
1,3-Dichlorobenzene	47			ug/kg	50.0		93.5	70-130	1.70	20
1,4-Dichlorobenzene	46			ug/kg	50.0		91.5	70-130	0.592	20
1,1-Dichloroethane	49			ug/kg	50.0		97.8	70-130	0.307	20
1,2-Dichloroethane	55			ug/kg	50.0		110	70-130	5.30	20
trans-1,2-Dichloroethene	48			ug/kg	50.0		95.3	70-130	0.377	20
cis-1,2-Dichloroethene	48			ug/kg	50.0		96.8	70-130	0.803	20
1,1-Dichloroethene	46			ug/kg	50.0		91.8	70-130	0.765	20
1,2-Dichloropropane	48			ug/kg	50.0		96.3	70-130	0.981	20
2,2-Dichloropropane	53			ug/kg	50.0		105	70-130	3.58	20
cis-1,3-Dichloropropene	53			ug/kg	50.0		106	70-130	2.96	20
trans-1,3-Dichloropropene	55			ug/kg	50.0		111	70-130	0.907	20
1,1-Dichloropropene	46			ug/kg	50.0		92.6	70-130	0.173	20
Diethyl ether	56			ug/kg	50.0		111	60-140	2.07	30
1,4-Dioxane	271			ug/kg	250		108	0-200	17.7	50
Ethylbenzene	47			ug/kg	50.0		94.5	70-130	1.64	20
Hexachlorobutadiene	38			ug/kg	50.0		75.7	70-130	2.65	20
2-Hexanone	51			ug/kg	50.0		102	70-130	5.58	20
Isopropylbenzene	47			ug/kg	50.0		94.0	70-130	2.19	20
p-Isopropyltoluene	48			ug/kg	50.0		96.0	70-130	0.627	20
Methylene Chloride	51			ug/kg	50.0		103	60-140	0.998	30
4-Methyl-2-pentanone	58			ug/kg	50.0		115	70-130	1.92	20
Naphthalene	27			ug/kg	50.0		53.1	70-130	11.2	20
n-Propylbenzene	49			ug/kg	50.0		97.2	70-130	0.799	20
Styrene	48			ug/kg	50.0		95.8	70-130	1.31	20
1,1,1,2-Tetrachloroethane	50			ug/kg	50.0		99.2	70-130	3.90	20
Tetrachloroethene	48			ug/kg	50.0		95.9	70-130	1.37	20
Tetrahydrofuran	52			ug/kg	50.0		104	50-150	1.71	40
Toluene	48			ug/kg	50.0		96.9	70-130	0.576	20
1,2,4-Trichlorobenzene	33			ug/kg	50.0		65.2	70-130	9.44	20
1,2,3-Trichlorobenzene	23			ug/kg	50.0		45.9	70-130	19.9	20
1,1,2-Trichloroethane	48			ug/kg	50.0		96.5	70-130	1.57	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0610 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3A0610-BSD1)</b>					Prepared & Analyzed: 01/13/23					
1,1,1-Trichloroethane	53			ug/kg	50.0		106	70-130	4.07	20
Trichloroethene	50			ug/kg	50.0		101	70-130	1.04	20
1,2,3-Trichloropropane	51			ug/kg	50.0		102	70-130	0.894	20
1,3,5-Trimethylbenzene	49			ug/kg	50.0		97.7	70-130	1.18	20
1,2,4-Trimethylbenzene	48			ug/kg	50.0		97.0	70-130	1.68	20
Vinyl Chloride	45			ug/kg	50.0		89.5	60-140	2.85	30
o-Xylene	47			ug/kg	50.0		93.5	70-130	1.91	20
m&p-Xylene	93			ug/kg	100		93.5	70-130	1.11	20
1,1,2,2-Tetrachloroethane	49			ug/kg	50.0		98.4	70-130	0.367	20
tert-Amyl methyl ether	55			ug/kg	50.0		111	70-130	0.869	20
1,3-Dichloropropane	54			ug/kg	50.0		109	70-130	1.96	20
Ethyl tert-butyl ether	56			ug/kg	50.0		112	70-130	0.981	20
Trichlorofluoromethane	47			ug/kg	50.0		94.5	70-130	4.33	20
Dichlorodifluoromethane	49			ug/kg	50.0		97.5	60-140	18.3	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			52.4	ug/kg	50.0		105	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			48.4	ug/kg	50.0		96.8	70-130		
<i>Surrogate: Toluene-d8</i>			52.2	ug/kg	50.0		104	70-130		

**Batch: B3A0653 - EPA 5035**

**Blank (B3A0653-BLK1)**

Prepared & Analyzed: 01/16/23

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0653 - EPA 5035 (Continued)</b>										
<b>Blank (B3A0653-BLK1)</b>					Prepared & Analyzed: 01/16/23					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>94.4</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>48.5</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.9</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>48.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.3</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0653 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 01/16/23					
<b>LCS (B3A0653-BS1)</b>										
Acetone	35			ug/kg	50.0		70.5	60-140		
Benzene	45			ug/kg	50.0		89.7	70-130		
Bromobenzene	47			ug/kg	50.0		94.7	70-130		
Bromochloromethane	47			ug/kg	50.0		94.7	70-130		
Bromodichloromethane	48			ug/kg	50.0		95.7	70-130		
Bromoform	49			ug/kg	50.0		98.2	70-130		
Bromomethane	88			ug/kg	50.0		176	60-140		
2-Butanone	43			ug/kg	50.0		85.7	60-140		
tert-Butyl alcohol	0			ug/kg	50.0			70-130		
sec-Butylbenzene	49			ug/kg	50.0		97.2	70-130		
n-Butylbenzene	48			ug/kg	50.0		95.9	70-130		
tert-Butylbenzene	49			ug/kg	50.0		97.5	70-130		
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		97.2	70-130		
Carbon Disulfide	39			ug/kg	50.0		77.6	50-150		
Carbon Tetrachloride	44			ug/kg	50.0		87.3	70-130		
Chlorobenzene	46			ug/kg	50.0		91.7	70-130		
Chloroethane	45			ug/kg	50.0		90.9	60-140		
Chloroform	48			ug/kg	50.0		95.1	70-130		
Chloromethane	108			ug/kg	50.0		216	60-140		
4-Chlorotoluene	47			ug/kg	50.0		95.0	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.3	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		89.7	70-130		
Dibromochloromethane	50			ug/kg	50.0		99.8	70-130		
1,2-Dibromoethane (EDB)	48			ug/kg	50.0		95.9	70-130		
Dibromomethane	46			ug/kg	50.0		92.9	60-140		
1,2-Dichlorobenzene	46			ug/kg	50.0		91.7	70-130		
1,3-Dichlorobenzene	47			ug/kg	50.0		94.2	70-130		
1,4-Dichlorobenzene	46			ug/kg	50.0		91.2	70-130		
1,1-Dichloroethane	45			ug/kg	50.0		89.8	70-130		
1,2-Dichloroethane	48			ug/kg	50.0		95.5	70-130		
trans-1,2-Dichloroethene	45			ug/kg	50.0		89.5	70-130		
cis-1,2-Dichloroethene	44			ug/kg	50.0		87.8	70-130		
1,1-Dichloroethene	38			ug/kg	50.0		75.3	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		89.6	70-130		
2,2-Dichloropropane	48			ug/kg	50.0		96.2	70-130		
cis-1,3-Dichloropropene	48			ug/kg	50.0		96.9	70-130		
trans-1,3-Dichloropropene	49			ug/kg	50.0		98.0	70-130		
1,1-Dichloropropene	48			ug/kg	50.0		95.1	70-130		
Diethyl ether	44			ug/kg	50.0		87.0	60-140		
1,4-Dioxane	203			ug/kg	250		81.2	0-200		
Ethylbenzene	48			ug/kg	50.0		95.4	70-130		
Hexachlorobutadiene	45			ug/kg	50.0		89.6	70-130		
2-Hexanone	45			ug/kg	50.0		90.4	70-130		
Isopropylbenzene	49			ug/kg	50.0		97.3	70-130		
p-Isopropyltoluene	49			ug/kg	50.0		98.3	70-130		
Methylene Chloride	29			ug/kg	50.0		58.8	60-140		
4-Methyl-2-pentanone	48			ug/kg	50.0		95.3	70-130		
Naphthalene	45			ug/kg	50.0		89.8	70-130		
n-Propylbenzene	49			ug/kg	50.0		97.4	70-130		
Styrene	48			ug/kg	50.0		95.7	70-130		
1,1,1,2-Tetrachloroethane	47			ug/kg	50.0		94.2	70-130		
Tetrachloroethene	49			ug/kg	50.0		98.3	70-130		
Tetrahydrofuran	52			ug/kg	50.0		105	50-150		
Toluene	47			ug/kg	50.0		93.2	70-130		
1,2,4-Trichlorobenzene	46			ug/kg	50.0		92.0	70-130		
1,2,3-Trichlorobenzene	46			ug/kg	50.0		91.4	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		99.3	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0653 - EPA 5035 (Continued)</b>										
<b>LCS (B3A0653-BS1)</b>					Prepared & Analyzed: 01/16/23					
1,1,1-Trichloroethane	48			ug/kg	50.0		96.3	70-130		
Trichloroethene	43			ug/kg	50.0		85.5	70-130		
1,2,3-Trichloropropane	46			ug/kg	50.0		92.6	70-130		
1,3,5-Trimethylbenzene	49			ug/kg	50.0		98.9	70-130		
1,2,4-Trimethylbenzene	48			ug/kg	50.0		95.4	70-130		
Vinyl Chloride	54			ug/kg	50.0		109	60-140		
o-Xylene	47			ug/kg	50.0		93.8	70-130		
m&p-Xylene	95			ug/kg	100		94.6	70-130		
1,1,2,2-Tetrachloroethane	45			ug/kg	50.0		90.3	70-130		
tert-Amyl methyl ether	50			ug/kg	50.0		101	70-130		
1,3-Dichloropropane	47			ug/kg	50.0		93.4	70-130		
Ethyl tert-butyl ether	52			ug/kg	50.0		105	70-130		
Trichlorofluoromethane	37			ug/kg	50.0		73.9	70-130		
Dichlorodifluoromethane	100			ug/kg	50.0		201	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>50.7</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.0</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.0</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<b>LCS Dup (B3A0653-BSD1)</b>					Prepared & Analyzed: 01/16/23					
Acetone	41			ug/kg	50.0		81.7	60-140	14.8	30
Benzene	51			ug/kg	50.0		102	70-130	13.0	20
Bromobenzene	52			ug/kg	50.0		104	70-130	8.99	20
Bromochloromethane	52			ug/kg	50.0		104	70-130	9.21	20
Bromodichloromethane	54			ug/kg	50.0		108	70-130	12.0	20
Bromoform	53			ug/kg	50.0		107	70-130	8.54	20
Bromomethane	73			ug/kg	50.0		145	60-140	19.2	30
2-Butanone	58			ug/kg	50.0		115	60-140	29.3	30
tert-Butyl alcohol	44			ug/kg	50.0		88.0	70-130	200	20
sec-Butylbenzene	54			ug/kg	50.0		108	70-130	10.8	20
n-Butylbenzene	53			ug/kg	50.0		107	70-130	10.7	20
tert-Butylbenzene	54			ug/kg	50.0		109	70-130	10.9	20
Methyl t-butyl ether (MTBE)	56			ug/kg	50.0		112	70-130	14.3	20
Carbon Disulfide	52			ug/kg	50.0		105	50-150	29.8	40
Carbon Tetrachloride	52			ug/kg	50.0		103	70-130	16.9	20
Chlorobenzene	51			ug/kg	50.0		102	70-130	11.0	20
Chloroethane	54			ug/kg	50.0		109	60-140	17.7	30
Chloroform	52			ug/kg	50.0		103	70-130	8.32	20
Chloromethane	50			ug/kg	50.0		99.9	60-140	73.6	30
4-Chlorotoluene	53			ug/kg	50.0		105	70-130	10.4	20
2-Chlorotoluene	52			ug/kg	50.0		105	70-130	10.4	20
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/kg	50.0		97.4	70-130	8.27	20
Dibromochloromethane	56			ug/kg	50.0		111	70-130	10.6	20
1,2-Dibromoethane (EDB)	55			ug/kg	50.0		110	70-130	13.7	20
Dibromomethane	52			ug/kg	50.0		105	60-140	12.2	30
1,2-Dichlorobenzene	52			ug/kg	50.0		104	70-130	12.3	20
1,3-Dichlorobenzene	52			ug/kg	50.0		105	70-130	10.6	20
1,4-Dichlorobenzene	51			ug/kg	50.0		102	70-130	11.6	20
1,1-Dichloroethane	52			ug/kg	50.0		104	70-130	14.8	20
1,2-Dichloroethane	53			ug/kg	50.0		105	70-130	9.62	20
trans-1,2-Dichloroethene	53			ug/kg	50.0		107	70-130	17.6	20
cis-1,2-Dichloroethene	51			ug/kg	50.0		103	70-130	15.9	20
1,1-Dichloroethene	50			ug/kg	50.0		100	70-130	28.3	20
1,2-Dichloropropane	50			ug/kg	50.0		101	70-130	11.6	20
2,2-Dichloropropane	56			ug/kg	50.0		113	70-130	15.8	20
cis-1,3-Dichloropropene	54			ug/kg	50.0		109	70-130	11.3	20
trans-1,3-Dichloropropene	55			ug/kg	50.0		109	70-130	11.0	20
1,1-Dichloropropene	56			ug/kg	50.0		112	70-130	16.5	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0653 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3A0653-BSD1)</b>					Prepared & Analyzed: 01/16/23					
Diethyl ether	51			ug/kg	50.0		102	60-140	16.0	30
1,4-Dioxane	246			ug/kg	250		98.4	0-200	19.2	50
Ethylbenzene	51			ug/kg	50.0		103	70-130	7.66	20
Hexachlorobutadiene	49			ug/kg	50.0		99.0	70-130	9.95	20
2-Hexanone	53			ug/kg	50.0		106	70-130	15.6	20
Isopropylbenzene	54			ug/kg	50.0		108	70-130	10.2	20
p-Isopropyltoluene	54			ug/kg	50.0		109	70-130	10.0	20
Methylene Chloride	36			ug/kg	50.0		71.2	60-140	19.1	30
4-Methyl-2-pentanone	52			ug/kg	50.0		103	70-130	8.17	20
Naphthalene	51			ug/kg	50.0		101	70-130	12.1	20
n-Propylbenzene	54			ug/kg	50.0		108	70-130	10.8	20
Styrene	52			ug/kg	50.0		105	70-130	9.25	20
1,1,1,2-Tetrachloroethane	52			ug/kg	50.0		104	70-130	9.46	20
Tetrachloroethene	57			ug/kg	50.0		113	70-130	14.1	20
Tetrahydrofuran	52			ug/kg	50.0		103	50-150	1.44	40
Toluene	54			ug/kg	50.0		109	70-130	15.2	20
1,2,4-Trichlorobenzene	51			ug/kg	50.0		102	70-130	10.4	20
1,2,3-Trichlorobenzene	51			ug/kg	50.0		102	70-130	10.5	20
1,1,2-Trichloroethane	52			ug/kg	50.0		104	70-130	4.66	20
1,1,1-Trichloroethane	54			ug/kg	50.0		108	70-130	11.6	20
Trichloroethene	53			ug/kg	50.0		105	70-130	20.7	20
1,2,3-Trichloropropane	53			ug/kg	50.0		105	70-130	12.6	20
1,3,5-Trimethylbenzene	54			ug/kg	50.0		109	70-130	9.48	20
1,2,4-Trimethylbenzene	53			ug/kg	50.0		107	70-130	11.4	20
Vinyl Chloride	55			ug/kg	50.0		111	60-140	1.68	30
o-Xylene	52			ug/kg	50.0		105	70-130	11.2	20
m&p-Xylene	105			ug/kg	100		105	70-130	10.5	20
1,1,2,2-Tetrachloroethane	50			ug/kg	50.0		99.1	70-130	9.31	20
tert-Amyl methyl ether	54			ug/kg	50.0		109	70-130	7.54	20
1,3-Dichloropropane	52			ug/kg	50.0		105	70-130	11.2	20
Ethyl tert-butyl ether	55			ug/kg	50.0		111	70-130	5.43	20
Trichlorofluoromethane	58			ug/kg	50.0		116	70-130	44.0	20
Dichlorodifluoromethane	121			ug/kg	50.0		242	60-140	18.6	30
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Surrogate: 4-Bromofluorobenzene			50.2	ug/kg	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4			47.4	ug/kg	50.0		94.8	70-130		
Surrogate: Toluene-d8			51.4	ug/kg	50.0		103	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0683 - Purge-Trap</b>										
<b>Blank (B3A0683-BLK1)</b>					Prepared & Analyzed: 01/18/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND		1	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	ND		2	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0683 - Purge-Trap (Continued)</b>										
<b>Blank (B3A0683-BLK1)</b>					Prepared & Analyzed: 01/18/23					
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND		1	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.2</i>	<i>ug/l</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>48.3</i>	<i>ug/l</i>	<i>50.0</i>		<i>96.6</i>	<i>70-130</i>		
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<b>LCS (B3A0683-BS1)</b>					Prepared & Analyzed: 01/18/23					
Acetone	42			ug/l	50.0		83.3	70-130		
Benzene	52			ug/l	50.0		104	70-130		
Bromobenzene	52			ug/l	50.0		104	70-130		
Bromochloromethane	53			ug/l	50.0		105	70-130		
Bromodichloromethane	52			ug/l	50.0		104	70-130		
Bromoform	55			ug/l	50.0		109	70-130		
Bromomethane	59			ug/l	50.0		118	70-130		
2-Butanone	44			ug/l	50.0		87.4	70-130		
tert-Butyl alcohol	48			ug/l	50.0		95.3	70-130		
sec-Butylbenzene	53			ug/l	50.0		106	70-130		
n-Butylbenzene	54			ug/l	50.0		109	70-130		
tert-Butylbenzene	54			ug/l	50.0		107	70-130		
Methyl t-butyl ether (MTBE)	49			ug/l	50.0		97.6	70-130		
Carbon Disulfide	48			ug/l	50.0		97.0	70-130		
Carbon Tetrachloride	51			ug/l	50.0		102	70-130		
Chlorobenzene	53			ug/l	50.0		105	70-130		
Chloroethane	56			ug/l	50.0		113	70-130		
Chloroform	49			ug/l	50.0		98.9	70-130		
Chloromethane	71			ug/l	50.0		142	70-130		
4-Chlorotoluene	52			ug/l	50.0		104	70-130		
2-Chlorotoluene	51			ug/l	50.0		101	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	51			ug/l	50.0		101	70-130		
Dibromochloromethane	52			ug/l	50.0		104	70-130		
1,2-Dibromoethane (EDB)	53			ug/l	50.0		106	70-130		
Dibromomethane	52			ug/l	50.0		104	70-130		
1,2-Dichlorobenzene	53			ug/l	50.0		107	70-130		
1,3-Dichlorobenzene	52			ug/l	50.0		103	70-130		
1,4-Dichlorobenzene	50			ug/l	50.0		100	70-130		
1,1-Dichloroethane	51			ug/l	50.0		103	70-130		
1,2-Dichloroethane	47			ug/l	50.0		94.8	70-130		
trans-1,2-Dichloroethene	52			ug/l	50.0		103	70-130		
cis-1,2-Dichloroethene	53			ug/l	50.0		106	70-130		
1,1-Dichloroethene	52			ug/l	50.0		104	70-130		
1,2-Dichloropropane	55			ug/l	50.0		110	70-130		
2,2-Dichloropropane	51			ug/l	50.0		102	70-130		

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0683 - Purge-Trap (Continued)</b>										
<b>LCS (B3A0683-BS1)</b>					Prepared & Analyzed: 01/18/23					
cis-1,3-Dichloropropene	53			ug/l	50.0		106	70-130		
trans-1,3-Dichloropropene	55			ug/l	50.0		110	70-130		
1,1-Dichloropropene	56			ug/l	50.0		112	70-130		
Diethyl ether	48			ug/l	50.0		96.8	70-130		
1,4-Dioxane	226			ug/l	250		90.3	0-200		
Ethylbenzene	53			ug/l	50.0		107	70-130		
Hexachlorobutadiene	52			ug/l	50.0		103	70-130		
2-Hexanone	44			ug/l	50.0		88.2	70-130		
Isopropylbenzene	53			ug/l	50.0		106	70-130		
p-Isopropyltoluene	53			ug/l	50.0		106	70-130		
Methylene Chloride	55			ug/l	50.0		110	60-140		
4-Methyl-2-pentanone	48			ug/l	50.0		96.6	70-130		
Naphthalene	54			ug/l	50.0		108	70-130		
n-Propylbenzene	53			ug/l	50.0		106	70-130		
Styrene	54			ug/l	50.0		109	70-130		
1,1,1,2-Tetrachloroethane	53			ug/l	50.0		107	70-130		
Tetrachloroethene	52			ug/l	50.0		105	70-130		
Tetrahydrofuran	47			ug/l	50.0		94.7	70-130		
Toluene	52			ug/l	50.0		103	70-130		
1,2,4-Trichlorobenzene	56			ug/l	50.0		111	70-130		
1,2,3-Trichlorobenzene	52			ug/l	50.0		103	70-130		
1,1,2-Trichloroethane	53			ug/l	50.0		106	70-130		
1,1,1-Trichloroethane	50			ug/l	50.0		100	70-130		
Trichloroethene	53			ug/l	50.0		106	70-130		
1,2,3-Trichloropropane	49			ug/l	50.0		98.8	70-130		
1,3,5-Trimethylbenzene	53			ug/l	50.0		107	70-130		
1,2,4-Trimethylbenzene	53			ug/l	50.0		105	70-130		
Vinyl Chloride	61			ug/l	50.0		123	70-130		
o-Xylene	54			ug/l	50.0		108	70-130		
m&p-Xylene	107			ug/l	100		107	70-130		
1,1,2,2-Tetrachloroethane	52			ug/l	50.0		105	70-130		
tert-Amyl methyl ether	49			ug/l	50.0		97.8	70-130		
1,3-Dichloropropane	54			ug/l	50.0		108	70-130		
Ethyl tert-butyl ether	49			ug/l	50.0		98.6	70-130		
Diisopropyl ether	48			ug/l	50.0		96.8	70-130		
Trichlorofluoromethane	44			ug/l	50.0		88.7	70-130		
Dichlorodifluoromethane	96			ug/l	50.0		192	70-130		
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			49.2	ug/l	50.0		98.3	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			49.7	ug/l	50.0		99.4	70-130		
<i>Surrogate: Toluene-d8</i>			49.4	ug/l	50.0		98.7	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0683 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 01/18/23					
<b>LCS Dup (B3A0683-BSD1)</b>										
Acetone	41			ug/l	50.0		81.5	70-130	2.26	30
Benzene	51			ug/l	50.0		102	70-130	1.61	30
Bromobenzene	51			ug/l	50.0		103	70-130	1.22	30
Bromochloromethane	53			ug/l	50.0		105	70-130	0.190	30
Bromodichloromethane	51			ug/l	50.0		102	70-130	2.43	30
Bromoform	52			ug/l	50.0		105	70-130	4.14	30
Bromomethane	62			ug/l	50.0		124	70-130	4.49	30
2-Butanone	42			ug/l	50.0		84.8	70-130	3.04	30
tert-Butyl alcohol	45			ug/l	50.0		90.0	70-130	5.76	30
sec-Butylbenzene	51			ug/l	50.0		103	70-130	3.21	30
n-Butylbenzene	53			ug/l	50.0		107	70-130	2.00	30
tert-Butylbenzene	52			ug/l	50.0		104	70-130	3.52	30
Methyl t-butyl ether (MTBE)	48			ug/l	50.0		96.3	70-130	1.36	30
Carbon Disulfide	49			ug/l	50.0		97.4	70-130	0.432	30
Carbon Tetrachloride	50			ug/l	50.0		99.7	70-130	1.97	30
Chlorobenzene	51			ug/l	50.0		102	70-130	3.46	30
Chloroethane	57			ug/l	50.0		114	70-130	0.706	30
Chloroform	49			ug/l	50.0		98.8	70-130	0.162	30
Chloromethane	71			ug/l	50.0		142	70-130	0.310	30
4-Chlorotoluene	50			ug/l	50.0		100	70-130	3.50	30
2-Chlorotoluene	48			ug/l	50.0		96.4	70-130	4.88	30
1,2-Dibromo-3-chloropropane (DBCP)	50			ug/l	50.0		100	70-130	1.19	30
Dibromochloromethane	52			ug/l	50.0		105	70-130	0.554	30
1,2-Dibromoethane (EDB)	53			ug/l	50.0		106	70-130	0.302	30
Dibromomethane	51			ug/l	50.0		101	70-130	2.48	30
1,2-Dichlorobenzene	52			ug/l	50.0		105	70-130	1.61	30
1,3-Dichlorobenzene	50			ug/l	50.0		99.1	70-130	4.29	30
1,4-Dichlorobenzene	49			ug/l	50.0		98.9	70-130	1.49	30
1,1-Dichloroethane	51			ug/l	50.0		102	70-130	0.840	30
1,2-Dichloroethane	48			ug/l	50.0		96.9	70-130	2.23	30
trans-1,2-Dichloroethene	51			ug/l	50.0		102	70-130	1.35	30
cis-1,2-Dichloroethene	52			ug/l	50.0		105	70-130	0.741	30
1,1-Dichloroethene	52			ug/l	50.0		103	70-130	0.483	30
1,2-Dichloropropane	54			ug/l	50.0		107	70-130	1.92	30
2,2-Dichloropropane	49			ug/l	50.0		98.0	70-130	3.88	30
cis-1,3-Dichloropropene	52			ug/l	50.0		104	70-130	2.02	30
trans-1,3-Dichloropropene	54			ug/l	50.0		108	70-130	2.18	30
1,1-Dichloropropene	55			ug/l	50.0		110	70-130	1.75	30
Diethyl ether	48			ug/l	50.0		95.5	70-130	1.41	30
1,4-Dioxane	240			ug/l	250		95.9	0-200	6.00	40
Ethylbenzene	52			ug/l	50.0		103	70-130	3.68	30
Hexachlorobutadiene	52			ug/l	50.0		105	70-130	1.31	30
2-Hexanone	42			ug/l	50.0		84.7	70-130	4.10	30
Isopropylbenzene	52			ug/l	50.0		103	70-130	2.76	30
p-Isopropyltoluene	51			ug/l	50.0		102	70-130	4.27	30
Methylene Chloride	55			ug/l	50.0		110	60-140	0.746	30
4-Methyl-2-pentanone	48			ug/l	50.0		95.5	70-130	1.08	30
Naphthalene	55			ug/l	50.0		109	70-130	1.29	30
n-Propylbenzene	52			ug/l	50.0		103	70-130	2.62	30
Styrene	52			ug/l	50.0		104	70-130	4.89	30
1,1,1,2-Tetrachloroethane	50			ug/l	50.0		101	70-130	5.54	30
Tetrachloroethene	52			ug/l	50.0		104	70-130	0.249	30
Tetrahydrofuran	44			ug/l	50.0		88.1	70-130	7.22	30
Toluene	51			ug/l	50.0		103	70-130	0.292	30
1,2,4-Trichlorobenzene	54			ug/l	50.0		109	70-130	2.11	30
1,2,3-Trichlorobenzene	56			ug/l	50.0		111	70-130	7.60	30
1,1,2-Trichloroethane	48			ug/l	50.0		96.6	70-130	0.43	30



**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0683 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 01/18/23					
<b>LCS Dup (B3A0683-BSD1)</b>										
1,1,1-Trichloroethane	50			ug/l	50.0		99.8	70-130	0.280	30
Trichloroethene	50			ug/l	50.0		99.9	70-130	5.83	30
1,2,3-Trichloropropane	52			ug/l	50.0		103	70-130	4.24	30
1,3,5-Trimethylbenzene	51			ug/l	50.0		101	70-130	5.59	30
1,2,4-Trimethylbenzene	51			ug/l	50.0		102	70-130	3.38	30
Vinyl Chloride	63			ug/l	50.0		125	70-130	1.78	30
o-Xylene	51			ug/l	50.0		102	70-130	5.15	30
m&p-Xylene	104			ug/l	100		104	70-130	2.87	30
1,1,1,2-Tetrachloroethane	50			ug/l	50.0		101	70-130	3.92	30
tert-Amyl methyl ether	49			ug/l	50.0		97.2	70-130	0.574	30
1,3-Dichloropropane	54			ug/l	50.0		107	70-130	1.22	30
Ethyl tert-butyl ether	49			ug/l	50.0		97.2	70-130	1.43	30
Diisopropyl ether	48			ug/l	50.0		95.7	70-130	1.12	30
Trichlorofluoromethane	45			ug/l	50.0		90.5	70-130	2.03	30
Dichlorodifluoromethane	98			ug/l	50.0		195	70-130	1.40	30
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Surrogate: 4-Bromofluorobenzene			48.7	ug/l	50.0		97.4	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.0	ug/l	50.0		100	70-130		
Surrogate: Toluene-d8			49.8	ug/l	50.0		99.6	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0713 - EPA 3546</b>										
<b>Blank (B3A0713-BLK1)</b>										
					Prepared: 01/17/23 Analyzed: 01/20/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			1910	ug/kg	3310		57.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2450	ug/kg	3310		74.1	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2140	ug/kg	3310		64.7	34-130		
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<b>LCS (B3A0713-BS1)</b>										
					Prepared: 01/17/23 Analyzed: 01/20/23					
2-Methylnaphthalene	1640		129	ug/kg	3310		49.5	40-140		
Acenaphthene	2110		129	ug/kg	3310		63.6	40-140		
Acenaphthylene	2380		129	ug/kg	3310		72.0	40-140		
Anthracene	2600		129	ug/kg	3310		78.6	40-140		
Benzo(a)anthracene	2440		129	ug/kg	3310		73.5	40-140		
Benzo(a)pyrene	2580		129	ug/kg	3310		77.9	40-140		
Benzo(b)fluoranthene	2600		129	ug/kg	3310		78.4	40-140		
Benzo(g,h,i)perylene	2150		129	ug/kg	3310		64.9	40-140		
Benzo(k)fluoranthene	2850		129	ug/kg	3310		86.2	40-140		
Chrysene	2530		129	ug/kg	3310		76.3	40-140		
Dibenz(a,h)anthracene	2290		129	ug/kg	3310		69.0	40-140		
Dibenzofuran	2350		129	ug/kg	3310		71.1	40-140		
Fluoranthene	2470		129	ug/kg	3310		74.7	40-140		
Fluorene	2020		129	ug/kg	3310		61.1	40-140		
Indeno(1,2,3-cd)pyrene	2130		129	ug/kg	3310		64.4	40-140		
Naphthalene	1650		129	ug/kg	3310		49.9	40-140		
Phenanthrene	2540		129	ug/kg	3310		76.7	40-140		
Pyrene	2460		129	ug/kg	3310		74.4	40-140		
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<i>Surrogate: Nitrobenzene-d5</i>			1540	ug/kg	3310		46.5	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			1990	ug/kg	3310		60.1	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1790	ug/kg	3310		53.9	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0713 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3A0713-BSD1)</b>										
					Prepared: 01/17/23 Analyzed: 01/20/23					
2-Methylnaphthalene	1510		129	ug/kg	3310		45.6	40-140	8.03	30
Acenaphthene	1930		129	ug/kg	3310		58.3	40-140	8.80	30
Acenaphthylene	2180		129	ug/kg	3310		65.9	40-140	8.79	30
Anthracene	2300		129	ug/kg	3310		69.6	40-140	12.1	30
Benzo(a)anthracene	2180		129	ug/kg	3310		65.9	40-140	10.9	30
Benzo(a)pyrene	2330		129	ug/kg	3310		70.3	40-140	10.3	30
Benzo(b)fluoranthene	2350		129	ug/kg	3310		70.8	40-140	10.2	30
Benzo(g,h,i)perylene	1950		129	ug/kg	3310		59.0	40-140	9.53	30
Benzo(k)fluoranthene	2460		129	ug/kg	3310		74.3	40-140	14.8	30
Chrysene	2320		129	ug/kg	3310		70.0	40-140	8.69	30
Dibenz(a,h)anthracene	2040		129	ug/kg	3310		61.5	40-140	11.6	30
Dibenzofuran	2200		129	ug/kg	3310		66.4	40-140	6.89	30
Fluoranthene	2240		129	ug/kg	3310		67.6	40-140	9.92	30
Fluorene	1850		129	ug/kg	3310		56.0	40-140	8.78	30
Indeno(1,2,3-cd)pyrene	1900		129	ug/kg	3310		57.3	40-140	11.8	30
Naphthalene	1550		129	ug/kg	3310		46.8	40-140	6.54	30
Phenanthrene	2350		129	ug/kg	3310		71.0	40-140	7.77	30
Pyrene	2220		129	ug/kg	3310		67.2	40-140	10.2	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>1440</i>	<i>ug/kg</i>	<i>3310</i>		<i>43.4</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>1790</i>	<i>ug/kg</i>	<i>3310</i>		<i>54.0</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>1720</i>	<i>ug/kg</i>	<i>3310</i>		<i>52.0</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A0597 - EPA 3546</b>										
<b>Blank (B3A0597-BLK1)</b>					Prepared: 01/16/23 Analyzed: 01/17/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			12.3	mg/kg	16.7		74.0	50-130		
<b>LCS (B3A0597-BS1)</b>					Prepared: 01/16/23 Analyzed: 01/17/23					
Total Petroleum Hydrocarbons	749		27	mg/kg	1330		56.1	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			9.84	mg/kg	16.7		59.0	50-130		
<b>LCS Dup (B3A0597-BSD1)</b>					Prepared: 01/16/23 Analyzed: 01/17/23					
Total Petroleum Hydrocarbons	895		27	mg/kg	1330		67.1	44.7-125	17.8	200
<i>Surrogate: Chlorooctadecane</i>			13.0	mg/kg	16.7		78.0	50-130		
<b>Batch: B3A0679 - EPA 3546</b>										
<b>Blank (B3A0679-BLK1)</b>					Prepared: 01/17/23 Analyzed: 01/18/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			8.12	mg/kg	8.33		97.4	50-130		
<b>LCS (B3A0679-BS1)</b>					Prepared: 01/17/23 Analyzed: 01/18/23					
Total Petroleum Hydrocarbons	563		27	mg/kg	667		84.4	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			8.54	mg/kg	8.33		103	50-130		
<b>LCS Dup (B3A0679-BSD1)</b>					Prepared: 01/17/23 Analyzed: 01/18/23					
Total Petroleum Hydrocarbons	613		27	mg/kg	667		92.0	44.7-125	8.60	200
<i>Surrogate: Chlorooctadecane</i>			7.70	mg/kg	8.33		92.4	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory

59 Greenhill Street  
West Warwick, RI 02893  
1-888-863-8522



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Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		Sample I.D.	Ground ⊙ 56 ft	Elevation Depth	MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS
Client: Pare Corporation, 8 Blackstone Valley PI, Lincoln, RI		Report To: abarton@parecorp.com; mflynn@parecorp.com								AQUEOUS	SOIL	OTHER	TPH 8100M	
Date:	Time:	COMP	GRAB											
1/11/23	8:10am		X	BOT-139	52.6			1 x 40ml 2 x 40ml 1 x Boz	MeOH Stir-bar Non	X	X	X	X	
	10:50am			BOT-138	53.4									
	9:20am			BOT-132	49.5									
	9:45am			BOT-1380	51.3									
	8:35am			BOT-131	51.3									
	11:20am			BOT-129	53.5									
	12:00pm			BOT-137	48.2									
	12:45pm			BOT-135 (& DUP-1)	50.2									
	1:10pm			BOT-128	51.7									
	1:40pm			BOT-125	48.9									
	2:10pm			BOT-136	50.7									
	2:30pm			BOT-135	50.2									
	2:50pm			BOT-127	50.3									
	12:45pm			DUP-1	50.2									
Sampled by (Signature): <i>Orwell Baccamann</i>		Date / Time: 1/12/23 11:30 am	Received by (Signature): <i>[Signature]</i>		Date / Time: 1-12-23 11:30	Laboratory Remarks: Temp. received: _____ Cooled: <input type="checkbox"/>				Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>				
Relinquished by (Signature): <i>[Signature]</i>		Date / Time: 1-12-23 13:20	Received by (Signature): <i>[Signature]</i>		Date / Time: 1/12/23 13:20	<b>x1 Trip Blank</b>				Turnaround (Business Days): <u>Std.</u>				
Relinquished by (Signature):		Date / Time:	Received for Laboratory by (Signature): <i>[Signature]</i>		Date / Time:									

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

*Dh*



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3A30042**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 03-February-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 01/30/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3A30042. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3A30042-01	BOT-121	Soil	01/30/2023	01/30/2023
3A30042-02	BOT-122	Soil	01/30/2023	01/30/2023
3A30042-03	BOT-123	Soil	01/30/2023	01/30/2023
3A30042-04	BOT-119	Soil	01/30/2023	01/30/2023
3A30042-05	BOT-120	Soil	01/30/2023	01/30/2023
3A30042-06	BOT-110	Soil	01/30/2023	01/30/2023



## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-110 (Lab Number: 3A30042-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-119 (Lab Number: 3A30042-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-120 (Lab Number: 3A30042-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-121 (Lab Number: 3A30042-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-122 (Lab Number: 3A30042-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-123 (Lab Number: 3A30042-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

The sample "BOT-121" has one surrogate outside quality control limits due to matrix interference.

VOC 8260: Samples were analyzed using the methanol-preserved vials provided by the client due to matrix interference.

In order to meet client specified reporting limits, the compounds "Vinyl Chloride" and "1,2-Dibromoethane" were estimated down to MDL limits as denoted by a "J" on the reports form.

### Results: Total Metals

**Sample: BOT-121**

**Lab Number: 3A30042-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.08		1.29	mg/kg	01/31/23	02/01/23
Lead	6.74		0.64	mg/kg	01/31/23	02/01/23

### Results: Total Metals

**Sample: BOT-122**

**Lab Number: 3A30042-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.45		1.29	mg/kg	01/31/23	02/01/23
Lead	7.94		0.64	mg/kg	01/31/23	02/01/23

### Results: Total Metals

**Sample: BOT-123**

**Lab Number: 3A30042-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.49		1.22	mg/kg	01/31/23	02/01/23
Lead	8.37		0.61	mg/kg	01/31/23	02/01/23

### Results: Total Metals

**Sample: BOT-119**

**Lab Number: 3A30042-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.36		1.24	mg/kg	01/31/23	02/01/23
Lead	8.90		0.62	mg/kg	01/31/23	02/01/23

### Results: Total Metals

**Sample: BOT-120**

**Lab Number: 3A30042-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	3.39		1.21	mg/kg	01/31/23	02/01/23
Lead	5.17		0.61	mg/kg	01/31/23	02/01/23



### Results: Total Metals

**Sample: BOT-110**

**Lab Number: 3A30042-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.22		1.25	mg/kg	01/31/23	02/01/23
Lead	14.8		0.62	mg/kg	01/31/23	02/01/23

## Results: Volatile Organic Compounds

**Sample: BOT-121**

**Lab Number: 3A30042-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		258	ug/kg	01/31/23	01/31/23
Benzene	ND		52	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		52	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		52	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		52	ug/kg	01/31/23	01/31/23
Bromoform	ND		52	ug/kg	01/31/23	01/31/23
Bromomethane	ND		52	ug/kg	01/31/23	01/31/23
2-Butanone	ND		258	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		258	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		52	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		52	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		52	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		52	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		52	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		52	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
Chloroethane	ND		52	ug/kg	01/31/23	01/31/23
Chloroform	ND		52	ug/kg	01/31/23	01/31/23
Chloromethane	ND		52	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		52	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		52	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		52	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		52	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	9	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		52	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		52	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		52	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		52	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		52	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		52	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		52	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		52	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		52	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		52	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		52	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		103	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		258	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		5160	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		52	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		52	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		258	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		52	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		52	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		103	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		258	ug/kg	01/31/23	01/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-121 (Continued)**

**Lab Number: 3A30042-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		52	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		52	ug/kg	01/31/23	01/31/23
Styrene	ND		52	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		52	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		258	ug/kg	01/31/23	01/31/23
Toluene	ND		52	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		52	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		52	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		52	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		52	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		52	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		52	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		52	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	8	ug/kg	01/31/23	01/31/23
o-Xylene	ND		52	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		103	ug/kg	01/31/23	01/31/23
Total xylenes	ND		52	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		52	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		52	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		52	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		52	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		52	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		52	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		52	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>100%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>99.4%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-122**

**Lab Number: 3A30042-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		214	ug/kg	01/31/23	01/31/23
Benzene	ND		43	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		43	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		43	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		43	ug/kg	01/31/23	01/31/23
Bromoform	ND		43	ug/kg	01/31/23	01/31/23
Bromomethane	ND		43	ug/kg	01/31/23	01/31/23
2-Butanone	ND		214	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		214	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		43	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		43	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		43	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		43	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		43	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		43	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
Chloroethane	ND		43	ug/kg	01/31/23	01/31/23
Chloroform	ND		43	ug/kg	01/31/23	01/31/23
Chloromethane	ND		43	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		43	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		43	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		43	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		43	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	7	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		43	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		43	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		43	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		43	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		43	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		43	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		43	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		43	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		43	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		43	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		43	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		85	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		214	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		4270	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		43	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		43	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		214	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		43	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		43	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		85	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		214	ug/kg	01/31/23	01/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-122 (Continued)**

**Lab Number: 3A30042-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		43	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		43	ug/kg	01/31/23	01/31/23
Styrene	ND		43	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		43	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		43	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		214	ug/kg	01/31/23	01/31/23
Toluene	ND		43	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		43	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		43	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		43	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		43	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		43	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		43	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		43	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	6	ug/kg	01/31/23	01/31/23
o-Xylene	ND		43	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		85	ug/kg	01/31/23	01/31/23
Total xylenes	ND		43	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		43	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		43	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		43	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		43	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		43	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		43	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		43	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>104%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-123**

**Lab Number: 3A30042-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		211	ug/kg	01/31/23	01/31/23
Benzene	ND		42	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		42	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		42	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		42	ug/kg	01/31/23	01/31/23
Bromoform	ND		42	ug/kg	01/31/23	01/31/23
Bromomethane	ND		42	ug/kg	01/31/23	01/31/23
2-Butanone	ND		211	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		211	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		42	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		42	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		42	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		42	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		42	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		42	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
Chloroethane	ND		42	ug/kg	01/31/23	01/31/23
Chloroform	ND		42	ug/kg	01/31/23	01/31/23
Chloromethane	ND		42	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		42	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		42	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		42	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		42	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	7	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		42	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		42	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		42	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		42	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		42	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		42	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		42	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		42	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		42	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		42	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		42	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		84	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		211	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		4210	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		42	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		42	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		211	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		42	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		42	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		84	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		211	ug/kg	01/31/23	01/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-123 (Continued)**

**Lab Number: 3A30042-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		42	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		42	ug/kg	01/31/23	01/31/23
Styrene	ND		42	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		42	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		42	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		211	ug/kg	01/31/23	01/31/23
Toluene	ND		42	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		42	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		42	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		42	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		42	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		42	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		42	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		42	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	6	ug/kg	01/31/23	01/31/23
o-Xylene	ND		42	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		84	ug/kg	01/31/23	01/31/23
Total xylenes	ND		42	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		42	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		42	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		42	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		42	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		42	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		42	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		42	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>100%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>104%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>99.8%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-119**

**Lab Number: 3A30042-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		169	ug/kg	01/31/23	01/31/23
Benzene	ND		34	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		34	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		34	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		34	ug/kg	01/31/23	01/31/23
Bromoform	ND		34	ug/kg	01/31/23	01/31/23
Bromomethane	ND		34	ug/kg	01/31/23	01/31/23
2-Butanone	ND		169	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		169	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		34	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		34	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		34	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		34	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		34	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		34	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
Chloroethane	ND		34	ug/kg	01/31/23	01/31/23
Chloroform	ND		34	ug/kg	01/31/23	01/31/23
Chloromethane	ND		34	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		34	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		34	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		34	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		34	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	6	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		34	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		34	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		34	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		34	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		34	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		34	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		34	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		34	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		34	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		34	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		34	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		68	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		169	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		3380	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		34	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		34	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		169	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		34	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		34	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		68	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		169	ug/kg	01/31/23	01/31/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-119 (Continued)**

**Lab Number: 3A30042-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		34	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		34	ug/kg	01/31/23	01/31/23
Styrene	ND		34	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		34	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		34	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		169	ug/kg	01/31/23	01/31/23
Toluene	ND		34	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		34	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		34	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		34	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		34	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		34	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		34	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		34	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	5	ug/kg	01/31/23	01/31/23
o-Xylene	ND		34	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		68	ug/kg	01/31/23	01/31/23
Total xylenes	ND		34	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		34	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		34	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		34	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		34	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		34	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		34	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		34	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>100%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>102%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>99.6%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-120**

**Lab Number: 3A30042-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		201	ug/kg	01/31/23	01/31/23
Benzene	ND		40	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		40	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		40	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		40	ug/kg	01/31/23	01/31/23
Bromoform	ND		40	ug/kg	01/31/23	01/31/23
Bromomethane	ND		40	ug/kg	01/31/23	01/31/23
2-Butanone	ND		201	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		201	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		40	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		40	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		40	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		40	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		40	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		40	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
Chloroethane	ND		40	ug/kg	01/31/23	01/31/23
Chloroform	ND		40	ug/kg	01/31/23	01/31/23
Chloromethane	ND		40	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		40	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		40	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		40	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		40	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	7	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		40	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		40	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		40	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		40	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		40	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		40	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		40	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		40	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		40	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		40	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		40	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		81	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		201	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		4030	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		40	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		40	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		201	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		40	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		40	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		81	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		201	ug/kg	01/31/23	01/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-120 (Continued)**

**Lab Number: 3A30042-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		40	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		40	ug/kg	01/31/23	01/31/23
Styrene	ND		40	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		40	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		40	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		201	ug/kg	01/31/23	01/31/23
Toluene	ND		40	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		40	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		40	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		40	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		40	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		40	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		40	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		40	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	6	ug/kg	01/31/23	01/31/23
o-Xylene	ND		40	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		81	ug/kg	01/31/23	01/31/23
Total xylenes	ND		40	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		40	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		40	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		40	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		40	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		40	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		40	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		40	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>102%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-110**

**Lab Number: 3A30042-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		153	ug/kg	01/31/23	01/31/23
Benzene	ND		31	ug/kg	01/31/23	01/31/23
Bromobenzene	ND		31	ug/kg	01/31/23	01/31/23
Bromochloromethane	ND		31	ug/kg	01/31/23	01/31/23
Bromodichloromethane	ND		31	ug/kg	01/31/23	01/31/23
Bromoform	ND		31	ug/kg	01/31/23	01/31/23
Bromomethane	ND		31	ug/kg	01/31/23	01/31/23
2-Butanone	ND		153	ug/kg	01/31/23	01/31/23
tert-Butyl alcohol	ND		153	ug/kg	01/31/23	01/31/23
sec-Butylbenzene	ND		31	ug/kg	01/31/23	01/31/23
n-Butylbenzene	ND		31	ug/kg	01/31/23	01/31/23
tert-Butylbenzene	ND		31	ug/kg	01/31/23	01/31/23
Methyl t-butyl ether (MTBE)	ND		31	ug/kg	01/31/23	01/31/23
Carbon Disulfide	ND		31	ug/kg	01/31/23	01/31/23
Carbon Tetrachloride	ND		31	ug/kg	01/31/23	01/31/23
Chlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
Chloroethane	ND		31	ug/kg	01/31/23	01/31/23
Chloroform	ND		31	ug/kg	01/31/23	01/31/23
Chloromethane	ND		31	ug/kg	01/31/23	01/31/23
4-Chlorotoluene	ND		31	ug/kg	01/31/23	01/31/23
2-Chlorotoluene	ND		31	ug/kg	01/31/23	01/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		31	ug/kg	01/31/23	01/31/23
Dibromochloromethane	ND		31	ug/kg	01/31/23	01/31/23
1,2-Dibromoethane (EDB)	ND	J	5	ug/kg	01/31/23	01/31/23
Dibromomethane	ND		31	ug/kg	01/31/23	01/31/23
1,2-Dichlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
1,3-Dichlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
1,4-Dichlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
1,1-Dichloroethane	ND		31	ug/kg	01/31/23	01/31/23
1,2-Dichloroethane	ND		31	ug/kg	01/31/23	01/31/23
trans-1,2-Dichloroethene	ND		31	ug/kg	01/31/23	01/31/23
cis-1,2-Dichloroethene	ND		31	ug/kg	01/31/23	01/31/23
1,1-Dichloroethene	ND		31	ug/kg	01/31/23	01/31/23
1,2-Dichloropropane	ND		31	ug/kg	01/31/23	01/31/23
2,2-Dichloropropane	ND		31	ug/kg	01/31/23	01/31/23
cis-1,3-Dichloropropene	ND		31	ug/kg	01/31/23	01/31/23
trans-1,3-Dichloropropene	ND		31	ug/kg	01/31/23	01/31/23
1,1-Dichloropropene	ND		31	ug/kg	01/31/23	01/31/23
1,3-Dichloropropene (cis + trans)	ND		61	ug/kg	01/31/23	01/31/23
Diethyl ether	ND		153	ug/kg	01/31/23	01/31/23
1,4-Dioxane	ND		3050	ug/kg	01/31/23	01/31/23
Ethylbenzene	ND		31	ug/kg	01/31/23	01/31/23
Hexachlorobutadiene	ND		31	ug/kg	01/31/23	01/31/23
2-Hexanone	ND		153	ug/kg	01/31/23	01/31/23
Isopropylbenzene	ND		31	ug/kg	01/31/23	01/31/23
p-Isopropyltoluene	ND		31	ug/kg	01/31/23	01/31/23
Methylene Chloride	ND		61	ug/kg	01/31/23	01/31/23
4-Methyl-2-pentanone	ND		153	ug/kg	01/31/23	01/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-110 (Continued)**

**Lab Number: 3A30042-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		31	ug/kg	01/31/23	01/31/23
n-Propylbenzene	ND		31	ug/kg	01/31/23	01/31/23
Styrene	ND		31	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		31	ug/kg	01/31/23	01/31/23
Tetrachloroethene	ND		31	ug/kg	01/31/23	01/31/23
Tetrahydrofuran	ND		153	ug/kg	01/31/23	01/31/23
Toluene	ND		31	ug/kg	01/31/23	01/31/23
1,2,4-Trichlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
1,2,3-Trichlorobenzene	ND		31	ug/kg	01/31/23	01/31/23
1,1,2-Trichloroethane	ND		31	ug/kg	01/31/23	01/31/23
1,1,1-Trichloroethane	ND		31	ug/kg	01/31/23	01/31/23
Trichloroethene	ND		31	ug/kg	01/31/23	01/31/23
1,2,3-Trichloropropane	ND		31	ug/kg	01/31/23	01/31/23
1,3,5-Trimethylbenzene	ND		31	ug/kg	01/31/23	01/31/23
1,2,4-Trimethylbenzene	ND		31	ug/kg	01/31/23	01/31/23
Vinyl Chloride	ND	J	5	ug/kg	01/31/23	01/31/23
o-Xylene	ND		31	ug/kg	01/31/23	01/31/23
m&p-Xylene	ND		61	ug/kg	01/31/23	01/31/23
Total xylenes	ND		31	ug/kg	01/31/23	01/31/23
1,1,1,2-Tetrachloroethane	ND		31	ug/kg	01/31/23	01/31/23
tert-Amyl methyl ether	ND		31	ug/kg	01/31/23	01/31/23
1,3-Dichloropropane	ND		31	ug/kg	01/31/23	01/31/23
Ethyl tert-butyl ether	ND		31	ug/kg	01/31/23	01/31/23
Diisopropyl ether	ND		31	ug/kg	01/31/23	01/31/23
Trichlorofluoromethane	ND		31	ug/kg	01/31/23	01/31/23
Dichlorodifluoromethane	ND		31	ug/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>100%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>
<i>Toluene-d8</i>	<i>99.3%</i>		<i>70-130</i>		<i>01/31/23</i>	<i>01/31/23</i>

**Results: Semivolatile organic compounds****Sample: BOT-121****Lab Number: 3A30042-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		154	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		154	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		154	ug/kg	01/31/23	02/01/23
Anthracene	ND		154	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		154	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		154	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		154	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		154	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		154	ug/kg	01/31/23	02/01/23
Chrysene	ND		154	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		154	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		154	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		154	ug/kg	01/31/23	02/01/23
Fluorene	ND		154	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		154	ug/kg	01/31/23	02/01/23
Naphthalene	ND		154	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		154	ug/kg	01/31/23	02/01/23
Pyrene	ND		154	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	84.6%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	135%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	85.6%		34-130		01/31/23	02/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-122**

**Lab Number: 3A30042-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		151	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		151	ug/kg	01/31/23	02/01/23
Anthracene	ND		151	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		151	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		151	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		151	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		151	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		151	ug/kg	01/31/23	02/01/23
Chrysene	ND		151	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		151	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		151	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		151	ug/kg	01/31/23	02/01/23
Fluorene	ND		151	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	01/31/23	02/01/23
Naphthalene	ND		151	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		151	ug/kg	01/31/23	02/01/23
Pyrene	ND		151	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	58.2%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	105%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	61.7%		34-130		01/31/23	02/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-123**

**Lab Number: 3A30042-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		153	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		153	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		153	ug/kg	01/31/23	02/01/23
Anthracene	ND		153	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		153	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		153	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		153	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		153	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		153	ug/kg	01/31/23	02/01/23
Chrysene	ND		153	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		153	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		153	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		153	ug/kg	01/31/23	02/01/23
Fluorene	ND		153	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	01/31/23	02/01/23
Naphthalene	ND		153	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		153	ug/kg	01/31/23	02/01/23
Pyrene	ND		153	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	100%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	127%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	91.1%		34-130		01/31/23	02/01/23



## Results: Semivolatile organic compounds

**Sample: BOT-119**

**Lab Number: 3A30042-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		147	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		147	ug/kg	01/31/23	02/01/23
Anthracene	ND		147	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		147	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		147	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		147	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		147	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		147	ug/kg	01/31/23	02/01/23
Chrysene	ND		147	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		147	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		147	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		147	ug/kg	01/31/23	02/01/23
Fluorene	ND		147	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	01/31/23	02/01/23
Naphthalene	ND		147	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		147	ug/kg	01/31/23	02/01/23
Pyrene	ND		147	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	91.3%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	118%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	81.6%		34-130		01/31/23	02/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-120**

**Lab Number: 3A30042-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		152	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		152	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		152	ug/kg	01/31/23	02/01/23
Anthracene	ND		152	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		152	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		152	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		152	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		152	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		152	ug/kg	01/31/23	02/01/23
Chrysene	ND		152	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		152	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		152	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		152	ug/kg	01/31/23	02/01/23
Fluorene	ND		152	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		152	ug/kg	01/31/23	02/01/23
Naphthalene	ND		152	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		152	ug/kg	01/31/23	02/01/23
Pyrene	ND		152	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	47.1%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	66.3%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	47.2%		34-130		01/31/23	02/01/23

**Results: Semivolatile organic compounds****Sample: BOT-110****Lab Number: 3A30042-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		149	ug/kg	01/31/23	02/01/23
Acenaphthene	ND		149	ug/kg	01/31/23	02/01/23
Acenaphthylene	ND		149	ug/kg	01/31/23	02/01/23
Anthracene	ND		149	ug/kg	01/31/23	02/01/23
Benzo(a)anthracene	ND		149	ug/kg	01/31/23	02/01/23
Benzo(a)pyrene	ND		149	ug/kg	01/31/23	02/01/23
Benzo(b)fluoranthene	ND		149	ug/kg	01/31/23	02/01/23
Benzo(g,h,i)perylene	ND		149	ug/kg	01/31/23	02/01/23
Benzo(k)fluoranthene	ND		149	ug/kg	01/31/23	02/01/23
Chrysene	ND		149	ug/kg	01/31/23	02/01/23
Dibenz(a,h)anthracene	ND		149	ug/kg	01/31/23	02/01/23
Dibenzofuran	ND		149	ug/kg	01/31/23	02/01/23
Fluoranthene	ND		149	ug/kg	01/31/23	02/01/23
Fluorene	ND		149	ug/kg	01/31/23	02/01/23
Indeno(1,2,3-cd)pyrene	ND		149	ug/kg	01/31/23	02/01/23
Naphthalene	ND		149	ug/kg	01/31/23	02/01/23
Phenanthrene	ND		149	ug/kg	01/31/23	02/01/23
Pyrene	ND		149	ug/kg	01/31/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	72.6%		30-126		01/31/23	02/01/23
<i>p-Terphenyl-d14</i>	95.2%		47-130		01/31/23	02/01/23
<i>2-Fluorobiphenyl</i>	65.8%		34-130		01/31/23	02/01/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-121****Lab Number: 3A30042-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		46	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>97.0%</i>		<i>50-130</i>		01/31/23	01/31/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-122****Lab Number: 3A30042-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		40	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>92.1%</i>		<i>50-130</i>		01/31/23	01/31/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-123****Lab Number: 3A30042-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		39	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>118%</i>		<i>50-130</i>		01/31/23	01/31/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-119****Lab Number: 3A30042-04 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Total Petroleum Hydrocarbons	ND		36	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>80.4%</i>		<i>50-130</i>		01/31/23	01/31/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-120****Lab Number: 3A30042-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		40	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>89.0%</i>		<i>50-130</i>		01/31/23	01/31/23



**Results: Total Petroleum Hydrocarbons****Sample: BOT-110****Lab Number: 3A30042-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		36	mg/kg	01/31/23	01/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>88.8%</i>		<i>50-130</i>		01/31/23	01/31/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A1251 - Metals Digestion Soils</b>										
<b>Blank (B3A1251-BLK1)</b>					Prepared & Analyzed: 01/31/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3A1251-BS1)</b>					Prepared & Analyzed: 01/31/23					
Arsenic	19.1		1.00	mg/kg	20.0		95.7	85-115		
Lead	91.3		0.50	mg/kg	100		91.3	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0022 - Purge-Trap</b>										
<b>Blank (B3B0022-BLK1)</b>					Prepared & Analyzed: 01/31/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND	J	0.2	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	ND		2	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0022 - Purge-Trap (Continued)</b>										
<b>Blank (B3B0022-BLK1)</b>					Prepared & Analyzed: 01/31/23					
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND	J	0.2	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			49.9	ug/l	50.0		99.8	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			50.9	ug/l	50.0		102	70-130		
<i>Surrogate: Toluene-d8</i>			49.1	ug/l	50.0		98.2	70-130		
<hr/>										
<b>LCS (B3B0022-BS1)</b>					Prepared & Analyzed: 01/31/23					
Acetone	64			ug/l	50.0		128	70-130		
Benzene	51			ug/l	50.0		101	70-130		
Bromobenzene	52			ug/l	50.0		104	70-130		
Bromochloromethane	56			ug/l	50.0		112	70-130		
Bromodichloromethane	58			ug/l	50.0		115	70-130		
Bromoform	54			ug/l	50.0		109	70-130		
Bromomethane	53			ug/l	50.0		106	70-130		
2-Butanone	57			ug/l	50.0		115	70-130		
tert-Butyl alcohol	52			ug/l	50.0		105	70-130		
sec-Butylbenzene	44			ug/l	50.0		88.6	70-130		
n-Butylbenzene	45			ug/l	50.0		90.5	70-130		
tert-Butylbenzene	46			ug/l	50.0		91.7	70-130		
Methyl t-butyl ether (MTBE)	52			ug/l	50.0		104	70-130		
Carbon Disulfide	36			ug/l	50.0		72.1	70-130		
Carbon Tetrachloride	52			ug/l	50.0		104	70-130		
Chlorobenzene	47			ug/l	50.0		93.4	70-130		
Chloroethane	53			ug/l	50.0		105	70-130		
Chloroform	54			ug/l	50.0		107	70-130		
Chloromethane	49			ug/l	50.0		98.8	70-130		
4-Chlorotoluene	48			ug/l	50.0		96.9	70-130		
2-Chlorotoluene	47			ug/l	50.0		93.1	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	52			ug/l	50.0		104	70-130		
Dibromochloromethane	61			ug/l	50.0		123	70-130		
1,2-Dibromoethane (EDB)	58			ug/l	50.0		116	70-130		
Dibromomethane	55			ug/l	50.0		110	70-130		
1,2-Dichlorobenzene	48			ug/l	50.0		96.6	70-130		
1,3-Dichlorobenzene	48			ug/l	50.0		97.0	70-130		
1,4-Dichlorobenzene	47			ug/l	50.0		93.5	70-130		
1,1-Dichloroethane	52			ug/l	50.0		103	70-130		
1,2-Dichloroethane	52			ug/l	50.0		104	70-130		
trans-1,2-Dichloroethene	52			ug/l	50.0		104	70-130		
cis-1,2-Dichloroethene	56			ug/l	50.0		112	70-130		
1,1-Dichloroethene	50			ug/l	50.0		100	70-130		
1,2-Dichloropropane	54			ug/l	50.0		108	70-130		
2,2-Dichloropropane	51			ug/l	50.0		103	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0022 - Purge-Trap (Continued)</b>										
<b>LCS (B3B0022-BS1)</b>					Prepared & Analyzed: 01/31/23					
cis-1,3-Dichloropropene	54			ug/l	50.0		107	70-130		
trans-1,3-Dichloropropene	53			ug/l	50.0		106	70-130		
1,1-Dichloropropene	45			ug/l	50.0		90.6	70-130		
Diethyl ether	49			ug/l	50.0		97.7	70-130		
1,4-Dioxane	259			ug/l	250		104	0-200		
Ethylbenzene	50			ug/l	50.0		100	70-130		
Hexachlorobutadiene	42			ug/l	50.0		83.4	70-130		
2-Hexanone	48			ug/l	50.0		95.3	70-130		
Isopropylbenzene	48			ug/l	50.0		95.4	70-130		
p-Isopropyltoluene	47			ug/l	50.0		94.5	70-130		
Methylene Chloride	55			ug/l	50.0		110	60-140		
4-Methyl-2-pentanone	52			ug/l	50.0		104	70-130		
Naphthalene	48			ug/l	50.0		95.6	70-130		
n-Propylbenzene	47			ug/l	50.0		94.7	70-130		
Styrene	53			ug/l	50.0		106	70-130		
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		108	70-130		
Tetrachloroethene	51			ug/l	50.0		103	70-130		
Tetrahydrofuran	48			ug/l	50.0		95.9	70-130		
Toluene	51			ug/l	50.0		102	70-130		
1,2,4-Trichlorobenzene	51			ug/l	50.0		103	70-130		
1,2,3-Trichlorobenzene	49			ug/l	50.0		98.5	70-130		
1,1,2-Trichloroethane	57			ug/l	50.0		114	70-130		
1,1,1-Trichloroethane	52			ug/l	50.0		105	70-130		
Trichloroethene	51			ug/l	50.0		102	70-130		
1,2,3-Trichloropropane	53			ug/l	50.0		107	70-130		
1,3,5-Trimethylbenzene	50			ug/l	50.0		100	70-130		
1,2,4-Trimethylbenzene	50			ug/l	50.0		101	70-130		
Vinyl Chloride	52			ug/l	50.0		103	70-130		
o-Xylene	49			ug/l	50.0		98.7	70-130		
m&p-Xylene	99			ug/l	100		99.0	70-130		
1,1,2,2-Tetrachloroethane	55			ug/l	50.0		110	70-130		
tert-Amyl methyl ether	50			ug/l	50.0		101	70-130		
1,3-Dichloropropane	57			ug/l	50.0		114	70-130		
Ethyl tert-butyl ether	49			ug/l	50.0		97.1	70-130		
Diisopropyl ether	46			ug/l	50.0		92.3	70-130		
Trichlorofluoromethane	49			ug/l	50.0		97.0	70-130		
Dichlorodifluoromethane	50			ug/l	50.0		99.7	70-130		
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Surrogate: 4-Bromofluorobenzene			50.7	ug/l	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.1	ug/l	50.0		104	70-130		
Surrogate: Toluene-d8			52.1	ug/l	50.0		104	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0022 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B3B0022-BSD1)</b>					Prepared & Analyzed: 01/31/23					
Acetone	53			ug/l	50.0		106	70-130	18.4	30
Benzene	50			ug/l	50.0		101	70-130	0.574	30
Bromobenzene	51			ug/l	50.0		102	70-130	1.53	30
Bromochloromethane	55			ug/l	50.0		110	70-130	2.30	30
Bromodichloromethane	59			ug/l	50.0		117	70-130	1.80	30
Bromoform	55			ug/l	50.0		109	70-130	0.165	30
Bromomethane	54			ug/l	50.0		108	70-130	2.65	30
2-Butanone	55			ug/l	50.0		111	70-130	3.56	30
tert-Butyl alcohol	53			ug/l	50.0		105	70-130	0.381	30
sec-Butylbenzene	43			ug/l	50.0		86.4	70-130	2.52	30
n-Butylbenzene	45			ug/l	50.0		89.4	70-130	1.22	30
tert-Butylbenzene	44			ug/l	50.0		89.0	70-130	2.97	30
Methyl t-butyl ether (MTBE)	51			ug/l	50.0		102	70-130	1.64	30
Carbon Disulfide	35			ug/l	50.0		69.4	70-130	3.81	30
Carbon Tetrachloride	48			ug/l	50.0		96.6	70-130	6.95	30
Chlorobenzene	46			ug/l	50.0		92.9	70-130	0.537	30
Chloroethane	51			ug/l	50.0		102	70-130	3.34	30
Chloroform	53			ug/l	50.0		105	70-130	1.87	30
Chloromethane	48			ug/l	50.0		95.7	70-130	3.21	30
4-Chlorotoluene	49			ug/l	50.0		98.9	70-130	2.02	30
2-Chlorotoluene	45			ug/l	50.0		89.6	70-130	3.81	30
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/l	50.0		98.7	70-130	5.29	30
Dibromochloromethane	58			ug/l	50.0		116	70-130	5.69	30
1,2-Dibromoethane (EDB)	59			ug/l	50.0		118	70-130	1.71	30
Dibromomethane	55			ug/l	50.0		111	70-130	0.380	30
1,2-Dichlorobenzene	47			ug/l	50.0		94.7	70-130	1.99	30
1,3-Dichlorobenzene	48			ug/l	50.0		96.2	70-130	0.870	30
1,4-Dichlorobenzene	47			ug/l	50.0		93.5	70-130	0.0428	30
1,1-Dichloroethane	50			ug/l	50.0		99.3	70-130	3.75	30
1,2-Dichloroethane	52			ug/l	50.0		104	70-130	0.134	30
trans-1,2-Dichloroethene	52			ug/l	50.0		105	70-130	0.440	30
cis-1,2-Dichloroethene	54			ug/l	50.0		107	70-130	3.90	30
1,1-Dichloroethene	46			ug/l	50.0		91.7	70-130	8.66	30
1,2-Dichloropropane	53			ug/l	50.0		106	70-130	2.23	30
2,2-Dichloropropane	48			ug/l	50.0		95.5	70-130	7.25	30
cis-1,3-Dichloropropene	54			ug/l	50.0		107	70-130	0.299	30
trans-1,3-Dichloropropene	54			ug/l	50.0		108	70-130	1.57	30
1,1-Dichloropropene	44			ug/l	50.0		87.7	70-130	3.16	30
Diethyl ether	46			ug/l	50.0		92.9	70-130	5.03	30
1,4-Dioxane	247			ug/l	250		98.9	0-200	4.82	40
Ethylbenzene	49			ug/l	50.0		98.2	70-130	2.00	30
Hexachlorobutadiene	41			ug/l	50.0		81.1	70-130	2.82	30
2-Hexanone	49			ug/l	50.0		98.0	70-130	2.75	30
Isopropylbenzene	47			ug/l	50.0		93.6	70-130	1.91	30
p-Isopropyltoluene	47			ug/l	50.0		93.4	70-130	1.17	30
Methylene Chloride	55			ug/l	50.0		109	60-140	0.421	30
4-Methyl-2-pentanone	50			ug/l	50.0		100	70-130	3.74	30
Naphthalene	46			ug/l	50.0		92.8	70-130	2.95	30
n-Propylbenzene	46			ug/l	50.0		92.9	70-130	1.94	30
Styrene	52			ug/l	50.0		103	70-130	3.02	30
1,1,1,2-Tetrachloroethane	53			ug/l	50.0		107	70-130	1.21	30
Tetrachloroethene	50			ug/l	50.0		99.0	70-130	3.75	30
Tetrahydrofuran	44			ug/l	50.0		88.8	70-130	7.77	30
Toluene	50			ug/l	50.0		99.9	70-130	2.37	30
1,2,4-Trichlorobenzene	51			ug/l	50.0		101	70-130	1.37	30
1,2,3-Trichlorobenzene	48			ug/l	50.0		95.8	70-130	2.74	30
1,1,2-Trichloroethane	58			ug/l	50.0		115	70-130	0.802	30

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0022 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 01/31/23					
<b>LCS Dup (B3B0022-BSD1)</b>										
1,1,1-Trichloroethane	49			ug/l	50.0		98.1	70-130	6.49	30
Trichloroethene	49			ug/l	50.0		98.0	70-130	3.86	30
1,2,3-Trichloropropane	53			ug/l	50.0		106	70-130	0.791	30
1,3,5-Trimethylbenzene	50			ug/l	50.0		99.4	70-130	0.702	30
1,2,4-Trimethylbenzene	50			ug/l	50.0		99.7	70-130	1.22	30
Vinyl Chloride	49			ug/l	50.0		99.0	70-130	4.31	30
o-Xylene	49			ug/l	50.0		97.5	70-130	1.28	30
m&p-Xylene	97			ug/l	100		97.4	70-130	1.58	30
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		108	70-130	2.11	30
tert-Amyl methyl ether	51			ug/l	50.0		101	70-130	0.238	30
1,3-Dichloropropane	56			ug/l	50.0		112	70-130	1.29	30
Ethyl tert-butyl ether	48			ug/l	50.0		96.0	70-130	1.14	30
Diisopropyl ether	46			ug/l	50.0		91.1	70-130	1.26	30
Trichlorofluoromethane	46			ug/l	50.0		92.8	70-130	4.49	30
Dichlorodifluoromethane	48			ug/l	50.0		95.5	70-130	4.28	30
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Surrogate: 4-Bromofluorobenzene			49.9	ug/l	50.0		99.8	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.1	ug/l	50.0		104	70-130		
Surrogate: Toluene-d8			51.8	ug/l	50.0		104	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A1239 - EPA 3546</b>										
<b>Blank (B3A1239-BLK1)</b>										
					Prepared: 01/31/23 Analyzed: 02/01/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2670	ug/kg	3310		80.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3490	ug/kg	3310		105	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2560	ug/kg	3310		77.2	34-130		
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<b>LCS (B3A1239-BS1)</b>										
					Prepared: 01/31/23 Analyzed: 02/01/23					
2-Methylnaphthalene	2050		129	ug/kg	3310		61.8	40-140		
Acenaphthene	2470		129	ug/kg	3310		74.5	40-140		
Acenaphthylene	2700		129	ug/kg	3310		81.6	40-140		
Anthracene	2700		129	ug/kg	3310		81.7	40-140		
Benzo(a)anthracene	2560		129	ug/kg	3310		77.2	40-140		
Benzo(a)pyrene	2700		129	ug/kg	3310		81.7	40-140		
Benzo(b)fluoranthene	2780		129	ug/kg	3310		84.1	40-140		
Benzo(g,h,i)perylene	2300		129	ug/kg	3310		69.4	40-140		
Benzo(k)fluoranthene	2950		129	ug/kg	3310		89.2	40-140		
Chrysene	2620		129	ug/kg	3310		79.0	40-140		
Dibenz(a,h)anthracene	2460		129	ug/kg	3310		74.3	40-140		
Dibenzofuran	2780		129	ug/kg	3310		83.9	40-140		
Fluoranthene	2660		129	ug/kg	3310		80.3	40-140		
Fluorene	2340		129	ug/kg	3310		70.8	40-140		
Indeno(1,2,3-cd)pyrene	2260		129	ug/kg	3310		68.4	40-140		
Naphthalene	2000		129	ug/kg	3310		60.4	40-140		
Phenanthrene	2680		129	ug/kg	3310		80.9	40-140		
Pyrene	2550		129	ug/kg	3310		77.1	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2410	ug/kg	3310		72.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3050	ug/kg	3310		92.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2420	ug/kg	3310		73.1	34-130		



**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A1239 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3A1239-BSD1)</b>										
					Prepared: 01/31/23 Analyzed: 02/01/23					
2-Methylnaphthalene	2150		129	ug/kg	3310		64.9	40-140	4.96	30
Acenaphthene	2410		129	ug/kg	3310		72.8	40-140	2.28	30
Acenaphthylene	2650		129	ug/kg	3310		80.0	40-140	1.91	30
Anthracene	2690		129	ug/kg	3310		81.2	40-140	0.589	30
Benzo(a)anthracene	2490		129	ug/kg	3310		75.2	40-140	2.65	30
Benzo(a)pyrene	2710		129	ug/kg	3310		81.7	40-140	0.0489	30
Benzo(b)fluoranthene	2730		129	ug/kg	3310		82.3	40-140	2.14	30
Benzo(g,h,i)perylene	2280		129	ug/kg	3310		68.9	40-140	0.636	30
Benzo(k)fluoranthene	2870		129	ug/kg	3310		86.8	40-140	2.80	30
Chrysene	2620		129	ug/kg	3310		79.1	40-140	0.126	30
Dibenz(a,h)anthracene	2420		129	ug/kg	3310		73.2	40-140	1.46	30
Dibenzofuran	2810		129	ug/kg	3310		84.8	40-140	1.09	30
Fluoranthene	2720		129	ug/kg	3310		82.2	40-140	2.36	30
Fluorene	2310		129	ug/kg	3310		69.8	40-140	1.37	30
Indeno(1,2,3-cd)pyrene	2230		129	ug/kg	3310		67.3	40-140	1.59	30
Naphthalene	2060		129	ug/kg	3310		62.1	40-140	2.91	30
Phenanthrene	2690		129	ug/kg	3310		81.2	40-140	0.395	30
Pyrene	2530		129	ug/kg	3310		76.3	40-140	0.939	30
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<i>Surrogate: Nitrobenzene-d5</i>			2490	ug/kg	3310		75.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3020	ug/kg	3310		91.1	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2410	ug/kg	3310		72.9	34-130		

**Quality Control**  
(Continued)

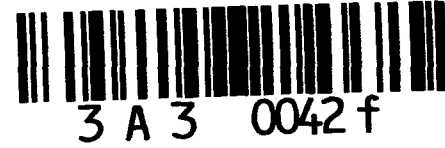
**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3A1240 - EPA 3546</b>										
<b>Blank (B3A1240-BLK1)</b>					Prepared & Analyzed: 01/31/23					
Total Petroleum Hydrocarbons	ND		33	mg/kg						
-----										
Surrogate: Chlorooctadecane			9.77	mg/kg	8.33		117	50-130		
<b>LCS (B3A1240-BS1)</b>					Prepared & Analyzed: 01/31/23					
Total Petroleum Hydrocarbons	397		27	mg/kg	667		59.5	44.7-125		
-----										
Surrogate: Chlorooctadecane			10.7	mg/kg	8.33		128	50-130		
<b>LCS Dup (B3A1240-BSD1)</b>					Prepared & Analyzed: 01/31/23					
Total Petroleum Hydrocarbons	561		27	mg/kg	667		84.2	44.7-125	34.4	200
-----										
Surrogate: Chlorooctadecane			13.1	mg/kg	16.7		78.9	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
J	Below reporting limit
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference.
%REC	Percent Recovery.
Source	Sample that was matrix spiked or duplicated.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High School, Newport			# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS					
Client: City of Newport c/o Downes Construction Co. (Pare)							TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead						
Report To: abarton@parecorp.com; mflynn@parecorp.com																
Invoice To: Joe Desanti, Downes Construction Co., jdesanti@downesco.com					AQUEOUS	SOIL	OTHER									
Date:	Time:	COMP	GRAB	Sample I.D.	560 grand											
1/30/23	8:23AM		X	BOT-121	57.2	••	X	•	1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X		
1/30/23	8:52			BOT-122	51.4	•••	•	•								
	9:12AM			BOT-123	50.0	•	•	•								
	11:00AM			BOT-119	51.2	•	•	•								
	11:25AM			BOT-120	51.0	•	•	•								
	1:21PM			BOT-110	52.5	•	•	•								

Sampled by (Signature): <i>[Signature]</i>	Date / Time: 1/30/23 3:15 PM	Received by (Signature): <i>[Signature]</i>	Date / Time: 1-30-23 1515	Laboratory Remarks: Temp. received: <u>4</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:  <b>RIDEM R-DEC &amp; GA-LC</b>  Turnaround (Business Days): <u>Std.</u>
Relinquished by (Signature): <i>[Signature]</i>	Date / Time: 1/30/23 3:15 PM	Received by (Signature): <i>[Signature]</i>	Date / Time: 1-30-23 1515		
Relinquished by (Signature): <i>[Signature]</i>	Date / Time: 1-30-23 16:00	Received for Laboratory by (Signature): <i>[Signature]</i>	Date / Time: 1/30/23 1600		

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

*[Handwritten initials]*



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3A31066**  
**Client Project: 21106.00 - Rogers High School, Newport, RI**

Report Date: 09-February-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 01/31/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3A31066. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3A31066-01	Bot-109	Soil	01/31/2023	01/31/2023
3A31066-02	Bot-108	Soil	01/31/2023	01/31/2023
3A31066-03	Bot-101	Soil	01/31/2023	01/31/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **Bot-101 (Lab Number: 3A31066-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **Bot-108 (Lab Number: 3A31066-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **Bot-109 (Lab Number: 3A31066-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

VOC 8260: Samples "Bot-109" and "Bot-101" were analyzed using the methanol-preserved vials provided by the client due to matrix interference.



### Results: Total Metals

**Sample: Bot-109**

**Lab Number: 3A31066-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.58		1.18	mg/kg	02/01/23	02/06/23
Lead	8.48		0.59	mg/kg	02/01/23	02/06/23

### Results: Total Metals

**Sample: Bot-108**

**Lab Number: 3A31066-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.63		1.32	mg/kg	02/01/23	02/06/23
Lead	5.84		0.66	mg/kg	02/01/23	02/06/23

### Results: Total Metals

**Sample: Bot-101**

**Lab Number: 3A31066-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.34		1.29	mg/kg	02/01/23	02/07/23
Lead	9.94		0.64	mg/kg	02/01/23	02/07/23

## Results: Volatile Organic Compounds

**Sample: Bot-109**

**Lab Number: 3A31066-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		278	ug/kg	02/02/23	02/02/23
Benzene	ND		56	ug/kg	02/02/23	02/02/23
Bromobenzene	ND		56	ug/kg	02/02/23	02/02/23
Bromochloromethane	ND		56	ug/kg	02/02/23	02/02/23
Bromodichloromethane	ND		56	ug/kg	02/02/23	02/02/23
Bromoform	ND		56	ug/kg	02/02/23	02/02/23
Bromomethane	ND		56	ug/kg	02/02/23	02/02/23
2-Butanone	ND		278	ug/kg	02/02/23	02/02/23
tert-Butyl alcohol	ND		278	ug/kg	02/02/23	02/02/23
sec-Butylbenzene	ND		56	ug/kg	02/02/23	02/02/23
n-Butylbenzene	ND		56	ug/kg	02/02/23	02/02/23
tert-Butylbenzene	ND		56	ug/kg	02/02/23	02/02/23
Methyl t-butyl ether (MTBE)	ND		56	ug/kg	02/02/23	02/02/23
Carbon Disulfide	ND		56	ug/kg	02/02/23	02/02/23
Carbon Tetrachloride	ND		56	ug/kg	02/02/23	02/02/23
Chlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
Chloroethane	ND		56	ug/kg	02/02/23	02/02/23
Chloroform	ND		56	ug/kg	02/02/23	02/02/23
Chloromethane	ND		56	ug/kg	02/02/23	02/02/23
4-Chlorotoluene	ND		56	ug/kg	02/02/23	02/02/23
2-Chlorotoluene	ND		56	ug/kg	02/02/23	02/02/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		56	ug/kg	02/02/23	02/02/23
Dibromochloromethane	ND		56	ug/kg	02/02/23	02/02/23
1,2-Dibromoethane (EDB)	ND		56	ug/kg	02/02/23	02/02/23
Dibromomethane	ND		56	ug/kg	02/02/23	02/02/23
1,2-Dichlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
1,3-Dichlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
1,4-Dichlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
1,1-Dichloroethane	ND		56	ug/kg	02/02/23	02/02/23
1,2-Dichloroethane	ND		56	ug/kg	02/02/23	02/02/23
trans-1,2-Dichloroethene	ND		56	ug/kg	02/02/23	02/02/23
cis-1,2-Dichloroethene	ND		56	ug/kg	02/02/23	02/02/23
1,1-Dichloroethene	ND		56	ug/kg	02/02/23	02/02/23
1,2-Dichloropropane	ND		56	ug/kg	02/02/23	02/02/23
2,2-Dichloropropane	ND		56	ug/kg	02/02/23	02/02/23
cis-1,3-Dichloropropene	ND		56	ug/kg	02/02/23	02/02/23
trans-1,3-Dichloropropene	ND		56	ug/kg	02/02/23	02/02/23
1,1-Dichloropropene	ND		56	ug/kg	02/02/23	02/02/23
1,3-Dichloropropene (cis + trans)	ND		111	ug/kg	02/02/23	02/02/23
Diethyl ether	ND		278	ug/kg	02/02/23	02/02/23
1,4-Dioxane	ND		5550	ug/kg	02/02/23	02/02/23
Ethylbenzene	ND		56	ug/kg	02/02/23	02/02/23
Hexachlorobutadiene	ND		56	ug/kg	02/02/23	02/02/23
2-Hexanone	ND		278	ug/kg	02/02/23	02/02/23
Isopropylbenzene	ND		56	ug/kg	02/02/23	02/02/23
p-Isopropyltoluene	ND		56	ug/kg	02/02/23	02/02/23
Methylene Chloride	ND		111	ug/kg	02/02/23	02/02/23
4-Methyl-2-pentanone	ND		278	ug/kg	02/02/23	02/02/23

## Results: Volatile Organic Compounds (Continued)

**Sample: Bot-109 (Continued)**

**Lab Number: 3A31066-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		56	ug/kg	02/02/23	02/02/23
n-Propylbenzene	ND		56	ug/kg	02/02/23	02/02/23
Styrene	ND		56	ug/kg	02/02/23	02/02/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	02/02/23	02/02/23
Tetrachloroethene	ND		56	ug/kg	02/02/23	02/02/23
Tetrahydrofuran	ND		278	ug/kg	02/02/23	02/02/23
Toluene	ND		56	ug/kg	02/02/23	02/02/23
1,2,4-Trichlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
1,2,3-Trichlorobenzene	ND		56	ug/kg	02/02/23	02/02/23
1,1,2-Trichloroethane	ND		56	ug/kg	02/02/23	02/02/23
1,1,1-Trichloroethane	ND		56	ug/kg	02/02/23	02/02/23
Trichloroethene	ND		56	ug/kg	02/02/23	02/02/23
1,2,3-Trichloropropane	ND		56	ug/kg	02/02/23	02/02/23
1,3,5-Trimethylbenzene	ND		56	ug/kg	02/02/23	02/02/23
1,2,4-Trimethylbenzene	ND		56	ug/kg	02/02/23	02/02/23
Vinyl Chloride	ND		56	ug/kg	02/02/23	02/02/23
o-Xylene	ND		56	ug/kg	02/02/23	02/02/23
m&p-Xylene	ND		111	ug/kg	02/02/23	02/02/23
Total xylenes	ND		56	ug/kg	02/02/23	02/02/23
1,1,1,2-Tetrachloroethane	ND		56	ug/kg	02/02/23	02/02/23
tert-Amyl methyl ether	ND		56	ug/kg	02/02/23	02/02/23
1,3-Dichloropropane	ND		56	ug/kg	02/02/23	02/02/23
Ethyl tert-butyl ether	ND		56	ug/kg	02/02/23	02/02/23
Diisopropyl ether	ND		56	ug/kg	02/02/23	02/02/23
Trichlorofluoromethane	ND		56	ug/kg	02/02/23	02/02/23
Dichlorodifluoromethane	ND		56	ug/kg	02/02/23	02/02/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>103%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>
<i>Toluene-d8</i>	<i>106%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>

## Results: Volatile Organic Compounds

**Sample: Bot-108**

**Lab Number: 3A31066-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/01/23	02/01/23
Benzene	ND		6	ug/kg	02/01/23	02/01/23
Bromobenzene	ND		6	ug/kg	02/01/23	02/01/23
Bromochloromethane	ND		6	ug/kg	02/01/23	02/01/23
Bromodichloromethane	ND		6	ug/kg	02/01/23	02/01/23
Bromoform	ND		6	ug/kg	02/01/23	02/01/23
Bromomethane	ND		6	ug/kg	02/01/23	02/01/23
2-Butanone	ND		6	ug/kg	02/01/23	02/01/23
tert-Butyl alcohol	ND		6	ug/kg	02/01/23	02/01/23
sec-Butylbenzene	ND		6	ug/kg	02/01/23	02/01/23
n-Butylbenzene	ND		6	ug/kg	02/01/23	02/01/23
tert-Butylbenzene	ND		6	ug/kg	02/01/23	02/01/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/01/23	02/01/23
Carbon Disulfide	ND		6	ug/kg	02/01/23	02/01/23
Carbon Tetrachloride	ND		6	ug/kg	02/01/23	02/01/23
Chlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
Chloroethane	ND		6	ug/kg	02/01/23	02/01/23
Chloroform	ND		6	ug/kg	02/01/23	02/01/23
Chloromethane	ND		6	ug/kg	02/01/23	02/01/23
4-Chlorotoluene	ND		6	ug/kg	02/01/23	02/01/23
2-Chlorotoluene	ND		6	ug/kg	02/01/23	02/01/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/01/23	02/01/23
Dibromochloromethane	ND		6	ug/kg	02/01/23	02/01/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/01/23	02/01/23
Dibromomethane	ND		6	ug/kg	02/01/23	02/01/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
1,1-Dichloroethane	ND		6	ug/kg	02/01/23	02/01/23
1,2-Dichloroethane	ND		6	ug/kg	02/01/23	02/01/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/01/23	02/01/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/01/23	02/01/23
1,1-Dichloroethene	ND		6	ug/kg	02/01/23	02/01/23
1,2-Dichloropropane	ND		6	ug/kg	02/01/23	02/01/23
2,2-Dichloropropane	ND		6	ug/kg	02/01/23	02/01/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/01/23	02/01/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/01/23	02/01/23
1,1-Dichloropropene	ND		6	ug/kg	02/01/23	02/01/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/01/23	02/01/23
Diethyl ether	ND		6	ug/kg	02/01/23	02/01/23
1,4-Dioxane	ND		112	ug/kg	02/01/23	02/01/23
Ethylbenzene	ND		6	ug/kg	02/01/23	02/01/23
Hexachlorobutadiene	ND		6	ug/kg	02/01/23	02/01/23
2-Hexanone	ND		6	ug/kg	02/01/23	02/01/23
Isopropylbenzene	ND		6	ug/kg	02/01/23	02/01/23
p-Isopropyltoluene	ND		6	ug/kg	02/01/23	02/01/23
Methylene Chloride	ND		39	ug/kg	02/01/23	02/01/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/01/23	02/01/23

## Results: Volatile Organic Compounds (Continued)

**Sample: Bot-108 (Continued)**

**Lab Number: 3A31066-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/01/23	02/01/23
n-Propylbenzene	ND		6	ug/kg	02/01/23	02/01/23
Styrene	ND		6	ug/kg	02/01/23	02/01/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/01/23	02/01/23
Tetrachloroethene	ND		6	ug/kg	02/01/23	02/01/23
Tetrahydrofuran	ND		6	ug/kg	02/01/23	02/01/23
Toluene	ND		6	ug/kg	02/01/23	02/01/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/01/23	02/01/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/01/23	02/01/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/01/23	02/01/23
Trichloroethene	ND		6	ug/kg	02/01/23	02/01/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/01/23	02/01/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/01/23	02/01/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/01/23	02/01/23
Vinyl Chloride	ND		6	ug/kg	02/01/23	02/01/23
o-Xylene	ND		6	ug/kg	02/01/23	02/01/23
m&p-Xylene	ND		11	ug/kg	02/01/23	02/01/23
Total xylenes	ND		6	ug/kg	02/01/23	02/01/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/01/23	02/01/23
tert-Amyl methyl ether	ND		6	ug/kg	02/01/23	02/01/23
1,3-Dichloropropane	ND		6	ug/kg	02/01/23	02/01/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/01/23	02/01/23
Diisopropyl ether	ND		6	ug/kg	02/01/23	02/01/23
Trichlorofluoromethane	ND		6	ug/kg	02/01/23	02/01/23
Dichlorodifluoromethane	ND		6	ug/kg	02/01/23	02/01/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		<i>02/01/23</i>	<i>02/01/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>86.5%</i>		<i>70-130</i>		<i>02/01/23</i>	<i>02/01/23</i>
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		<i>02/01/23</i>	<i>02/01/23</i>

## Results: Volatile Organic Compounds

**Sample: Bot-101**

**Lab Number: 3A31066-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		339	ug/kg	02/02/23	02/02/23
Benzene	ND		68	ug/kg	02/02/23	02/02/23
Bromobenzene	ND		68	ug/kg	02/02/23	02/02/23
Bromochloromethane	ND		68	ug/kg	02/02/23	02/02/23
Bromodichloromethane	ND		68	ug/kg	02/02/23	02/02/23
Bromoform	ND		68	ug/kg	02/02/23	02/02/23
Bromomethane	ND		68	ug/kg	02/02/23	02/02/23
2-Butanone	ND		339	ug/kg	02/02/23	02/02/23
tert-Butyl alcohol	ND		339	ug/kg	02/02/23	02/02/23
sec-Butylbenzene	ND		68	ug/kg	02/02/23	02/02/23
n-Butylbenzene	ND		68	ug/kg	02/02/23	02/02/23
tert-Butylbenzene	ND		68	ug/kg	02/02/23	02/02/23
Methyl t-butyl ether (MTBE)	ND		68	ug/kg	02/02/23	02/02/23
Carbon Disulfide	ND		68	ug/kg	02/02/23	02/02/23
Carbon Tetrachloride	ND		68	ug/kg	02/02/23	02/02/23
Chlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
Chloroethane	ND		68	ug/kg	02/02/23	02/02/23
Chloroform	ND		68	ug/kg	02/02/23	02/02/23
Chloromethane	ND		68	ug/kg	02/02/23	02/02/23
4-Chlorotoluene	ND		68	ug/kg	02/02/23	02/02/23
2-Chlorotoluene	ND		68	ug/kg	02/02/23	02/02/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		68	ug/kg	02/02/23	02/02/23
Dibromochloromethane	ND		68	ug/kg	02/02/23	02/02/23
1,2-Dibromoethane (EDB)	ND		68	ug/kg	02/02/23	02/02/23
Dibromomethane	ND		68	ug/kg	02/02/23	02/02/23
1,2-Dichlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
1,3-Dichlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
1,4-Dichlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
1,1-Dichloroethane	ND		68	ug/kg	02/02/23	02/02/23
1,2-Dichloroethane	ND		68	ug/kg	02/02/23	02/02/23
trans-1,2-Dichloroethene	ND		68	ug/kg	02/02/23	02/02/23
cis-1,2-Dichloroethene	ND		68	ug/kg	02/02/23	02/02/23
1,1-Dichloroethene	ND		68	ug/kg	02/02/23	02/02/23
1,2-Dichloropropane	ND		68	ug/kg	02/02/23	02/02/23
2,2-Dichloropropane	ND		68	ug/kg	02/02/23	02/02/23
cis-1,3-Dichloropropene	ND		68	ug/kg	02/02/23	02/02/23
trans-1,3-Dichloropropene	ND		68	ug/kg	02/02/23	02/02/23
1,1-Dichloropropene	ND		68	ug/kg	02/02/23	02/02/23
1,3-Dichloropropene (cis + trans)	ND		135	ug/kg	02/02/23	02/02/23
Diethyl ether	ND		339	ug/kg	02/02/23	02/02/23
1,4-Dioxane	ND		6770	ug/kg	02/02/23	02/02/23
Ethylbenzene	ND		68	ug/kg	02/02/23	02/02/23
Hexachlorobutadiene	ND		68	ug/kg	02/02/23	02/02/23
2-Hexanone	ND		339	ug/kg	02/02/23	02/02/23
Isopropylbenzene	ND		68	ug/kg	02/02/23	02/02/23
p-Isopropyltoluene	ND		68	ug/kg	02/02/23	02/02/23
Methylene Chloride	ND		135	ug/kg	02/02/23	02/02/23
4-Methyl-2-pentanone	ND		339	ug/kg	02/02/23	02/02/23



## Results: Volatile Organic Compounds (Continued)

**Sample: Bot-101 (Continued)**

**Lab Number: 3A31066-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		68	ug/kg	02/02/23	02/02/23
n-Propylbenzene	ND		68	ug/kg	02/02/23	02/02/23
Styrene	ND		68	ug/kg	02/02/23	02/02/23
1,1,1,2-Tetrachloroethane	ND		68	ug/kg	02/02/23	02/02/23
Tetrachloroethene	ND		68	ug/kg	02/02/23	02/02/23
Tetrahydrofuran	ND		339	ug/kg	02/02/23	02/02/23
Toluene	ND		68	ug/kg	02/02/23	02/02/23
1,2,4-Trichlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
1,2,3-Trichlorobenzene	ND		68	ug/kg	02/02/23	02/02/23
1,1,2-Trichloroethane	ND		68	ug/kg	02/02/23	02/02/23
1,1,1-Trichloroethane	ND		68	ug/kg	02/02/23	02/02/23
Trichloroethene	ND		68	ug/kg	02/02/23	02/02/23
1,2,3-Trichloropropane	ND		68	ug/kg	02/02/23	02/02/23
1,3,5-Trimethylbenzene	ND		68	ug/kg	02/02/23	02/02/23
1,2,4-Trimethylbenzene	ND		68	ug/kg	02/02/23	02/02/23
Vinyl Chloride	ND		68	ug/kg	02/02/23	02/02/23
o-Xylene	ND		68	ug/kg	02/02/23	02/02/23
m&p-Xylene	ND		135	ug/kg	02/02/23	02/02/23
Total xylenes	ND		68	ug/kg	02/02/23	02/02/23
1,1,1,2-Tetrachloroethane	ND		68	ug/kg	02/02/23	02/02/23
tert-Amyl methyl ether	ND		68	ug/kg	02/02/23	02/02/23
1,3-Dichloropropane	ND		68	ug/kg	02/02/23	02/02/23
Ethyl tert-butyl ether	ND		68	ug/kg	02/02/23	02/02/23
Diisopropyl ether	ND		68	ug/kg	02/02/23	02/02/23
Trichlorofluoromethane	ND		68	ug/kg	02/02/23	02/02/23
Dichlorodifluoromethane	ND		68	ug/kg	02/02/23	02/02/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>102%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>
<i>Toluene-d8</i>	<i>105%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/02/23</i>

## Results: Semivolatile organic compounds

**Sample: Bot-109**

**Lab Number: 3A31066-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/02/23	02/07/23
Acenaphthene	ND		146	ug/kg	02/02/23	02/07/23
Acenaphthylene	ND		146	ug/kg	02/02/23	02/07/23
Anthracene	ND		146	ug/kg	02/02/23	02/07/23
Benzo(a)anthracene	ND		146	ug/kg	02/02/23	02/07/23
Benzo(a)pyrene	ND		146	ug/kg	02/02/23	02/07/23
Benzo(b)fluoranthene	ND		146	ug/kg	02/02/23	02/07/23
Benzo(g,h,i)perylene	ND		146	ug/kg	02/02/23	02/07/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/02/23	02/07/23
Chrysene	ND		146	ug/kg	02/02/23	02/07/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/02/23	02/07/23
Dibenzofuran	ND		146	ug/kg	02/02/23	02/07/23
Fluoranthene	ND		146	ug/kg	02/02/23	02/07/23
Fluorene	ND		146	ug/kg	02/02/23	02/07/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/02/23	02/07/23
Naphthalene	ND		146	ug/kg	02/02/23	02/07/23
Phenanthrene	ND		146	ug/kg	02/02/23	02/07/23
Pyrene	ND		146	ug/kg	02/02/23	02/07/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	61.6%		30-126		02/02/23	02/07/23
<i>p-Terphenyl-d14</i>	129%		47-130		02/02/23	02/07/23
<i>2-Fluorobiphenyl</i>	62.7%		34-130		02/02/23	02/07/23

## Results: Semivolatile organic compounds

**Sample: Bot-108**

**Lab Number: 3A31066-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		152	ug/kg	02/02/23	02/09/23
Acenaphthene	ND		152	ug/kg	02/02/23	02/09/23
Acenaphthylene	ND		152	ug/kg	02/02/23	02/09/23
Anthracene	ND		152	ug/kg	02/02/23	02/09/23
Benzo(a)anthracene	ND		152	ug/kg	02/02/23	02/09/23
Benzo(a)pyrene	ND		152	ug/kg	02/02/23	02/09/23
Benzo(b)fluoranthene	ND		152	ug/kg	02/02/23	02/09/23
Benzo(g,h,i)perylene	ND		152	ug/kg	02/02/23	02/09/23
Benzo(k)fluoranthene	ND		152	ug/kg	02/02/23	02/09/23
Chrysene	ND		152	ug/kg	02/02/23	02/09/23
Dibenz(a,h)anthracene	ND		152	ug/kg	02/02/23	02/09/23
Dibenzofuran	ND		152	ug/kg	02/02/23	02/09/23
Fluoranthene	ND		152	ug/kg	02/02/23	02/09/23
Fluorene	ND		152	ug/kg	02/02/23	02/09/23
Indeno(1,2,3-cd)pyrene	ND		152	ug/kg	02/02/23	02/09/23
Naphthalene	ND		152	ug/kg	02/02/23	02/09/23
Phenanthrene	ND		152	ug/kg	02/02/23	02/09/23
Pyrene	ND		152	ug/kg	02/02/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	78.1%		30-126		02/02/23	02/09/23
<i>p-Terphenyl-d14</i>	99.1%		47-130		02/02/23	02/09/23
<i>2-Fluorobiphenyl</i>	77.6%		34-130		02/02/23	02/09/23

## Results: Semivolatile organic compounds

**Sample: Bot-101**

**Lab Number: 3A31066-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		155	ug/kg	02/02/23	02/07/23
Acenaphthene	ND		155	ug/kg	02/02/23	02/07/23
Acenaphthylene	ND		155	ug/kg	02/02/23	02/07/23
Anthracene	ND		155	ug/kg	02/02/23	02/07/23
Benzo(a)anthracene	ND		155	ug/kg	02/02/23	02/07/23
Benzo(a)pyrene	ND		155	ug/kg	02/02/23	02/07/23
Benzo(b)fluoranthene	ND		155	ug/kg	02/02/23	02/07/23
Benzo(g,h,i)perylene	ND		155	ug/kg	02/02/23	02/07/23
Benzo(k)fluoranthene	ND		155	ug/kg	02/02/23	02/07/23
Chrysene	ND		155	ug/kg	02/02/23	02/07/23
Dibenz(a,h)anthracene	ND		155	ug/kg	02/02/23	02/07/23
Dibenzofuran	ND		155	ug/kg	02/02/23	02/07/23
Fluoranthene	ND		155	ug/kg	02/02/23	02/07/23
Fluorene	ND		155	ug/kg	02/02/23	02/07/23
Indeno(1,2,3-cd)pyrene	ND		155	ug/kg	02/02/23	02/07/23
Naphthalene	ND		155	ug/kg	02/02/23	02/07/23
Phenanthrene	ND		155	ug/kg	02/02/23	02/07/23
Pyrene	ND		155	ug/kg	02/02/23	02/07/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	44.0%		30-126		02/02/23	02/07/23
<i>p-Terphenyl-d14</i>	84.3%		47-130		02/02/23	02/07/23
<i>2-Fluorobiphenyl</i>	42.1%		34-130		02/02/23	02/07/23

**Results: Total Petroleum Hydrocarbons****Sample: Bot-109****Lab Number: 3A31066-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>51</b>		30	mg/kg	02/01/23	02/02/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>120%</i>		<i>50-130</i>		02/01/23	02/02/23

**Results: Total Petroleum Hydrocarbons****Sample: Bot-108****Lab Number: 3A31066-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>37</b>		31	mg/kg	02/01/23	02/02/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		02/01/23	02/02/23

**Results: Total Petroleum Hydrocarbons****Sample: Bot-101****Lab Number: 3A31066-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>34</b>		32	mg/kg	02/01/23	02/02/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>118%</i>		<i>50-130</i>		02/01/23	02/02/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0056 - Metals Digestion Soils</b>										
<b>Blank (B3B0056-BLK1)</b>					Prepared & Analyzed: 02/01/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3B0056-BS1)</b>					Prepared & Analyzed: 02/01/23					
Arsenic	18.7		1.00	mg/kg	20.0		93.3	85-115		
Lead	89.5		0.50	mg/kg	100		89.5	85-115		



**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0059 - EPA 5035</b>										
<b>Blank (B3B0059-BLK1)</b>					Prepared & Analyzed: 02/01/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		35	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0059 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0059-BLK1)</b>					Prepared & Analyzed: 02/01/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>53.7</i>	<i>ug/kg</i>	<i>50.0</i>		<i>107</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>54.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>108</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3B0059-BS1)</b>					Prepared & Analyzed: 02/01/23					
Acetone	63			ug/kg	50.0		126	60-140		
Benzene	52			ug/kg	50.0		103	70-130		
Bromobenzene	54			ug/kg	50.0		108	70-130		
Bromochloromethane	52			ug/kg	50.0		103	70-130		
Bromodichloromethane	58			ug/kg	50.0		116	70-130		
Bromoform	57			ug/kg	50.0		114	70-130		
Bromomethane	66			ug/kg	50.0		132	60-140		
2-Butanone	53			ug/kg	50.0		106	60-140		
tert-Butyl alcohol	61			ug/kg	50.0		123	70-130		
sec-Butylbenzene	59			ug/kg	50.0		118	70-130		
n-Butylbenzene	57			ug/kg	50.0		113	70-130		
tert-Butylbenzene	58			ug/kg	50.0		117	70-130		
Methyl t-butyl ether (MTBE)	58			ug/kg	50.0		117	70-130		
Carbon Disulfide	51			ug/kg	50.0		101	50-150		
Carbon Tetrachloride	72			ug/kg	50.0		144	70-130		
Chlorobenzene	49			ug/kg	50.0		97.6	70-130		
Chloroethane	63			ug/kg	50.0		127	60-140		
Chloroform	59			ug/kg	50.0		118	70-130		
Chloromethane	56			ug/kg	50.0		113	60-140		
4-Chlorotoluene	57			ug/kg	50.0		114	70-130		
2-Chlorotoluene	57			ug/kg	50.0		114	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	56			ug/kg	50.0		112	70-130		
Dibromochloromethane	58			ug/kg	50.0		116	70-130		
1,2-Dibromoethane (EDB)	53			ug/kg	50.0		107	70-130		
Dibromomethane	56			ug/kg	50.0		112	60-140		
1,2-Dichlorobenzene	49			ug/kg	50.0		97.4	70-130		
1,3-Dichlorobenzene	55			ug/kg	50.0		109	70-130		
1,4-Dichlorobenzene	48			ug/kg	50.0		96.9	70-130		
1,1-Dichloroethane	59			ug/kg	50.0		118	70-130		
1,2-Dichloroethane	64			ug/kg	50.0		128	70-130		
trans-1,2-Dichloroethene	53			ug/kg	50.0		105	70-130		
cis-1,2-Dichloroethene	49			ug/kg	50.0		98.8	70-130		
1,1-Dichloroethene	56			ug/kg	50.0		112	70-130		
1,2-Dichloropropane	47			ug/kg	50.0		94.8	70-130		
2,2-Dichloropropane	69			ug/kg	50.0		138	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0059 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0059-BS1)</b>					Prepared & Analyzed: 02/01/23					
cis-1,3-Dichloropropene	53			ug/kg	50.0		106	70-130		
trans-1,3-Dichloropropene	57			ug/kg	50.0		115	70-130		
1,1-Dichloropropene	56			ug/kg	50.0		112	70-130		
Diethyl ether	52			ug/kg	50.0		104	60-140		
1,4-Dioxane	207			ug/kg	250		83.0	0-200		
Ethylbenzene	57			ug/kg	50.0		115	70-130		
Hexachlorobutadiene	57			ug/kg	50.0		114	70-130		
2-Hexanone	55			ug/kg	50.0		110	70-130		
Isopropylbenzene	58			ug/kg	50.0		116	70-130		
p-Isopropyltoluene	60			ug/kg	50.0		119	70-130		
Methylene Chloride	56			ug/kg	50.0		113	60-140		
4-Methyl-2-pentanone	54			ug/kg	50.0		108	70-130		
Naphthalene	44			ug/kg	50.0		88.8	70-130		
n-Propylbenzene	59			ug/kg	50.0		117	70-130		
Styrene	53			ug/kg	50.0		105	70-130		
1,1,1,2-Tetrachloroethane	58			ug/kg	50.0		116	70-130		
Tetrachloroethene	57			ug/kg	50.0		115	70-130		
Tetrahydrofuran	46			ug/kg	50.0		92.5	50-150		
Toluene	51			ug/kg	50.0		101	70-130		
1,2,4-Trichlorobenzene	51			ug/kg	50.0		102	70-130		
1,2,3-Trichlorobenzene	52			ug/kg	50.0		103	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		100	70-130		
1,1,1-Trichloroethane	73			ug/kg	50.0		145	70-130		
Trichloroethene	57			ug/kg	50.0		114	70-130		
1,2,3-Trichloropropane	53			ug/kg	50.0		107	70-130		
1,3,5-Trimethylbenzene	60			ug/kg	50.0		120	70-130		
1,2,4-Trimethylbenzene	58			ug/kg	50.0		117	70-130		
Vinyl Chloride	59			ug/kg	50.0		117	60-140		
o-Xylene	52			ug/kg	50.0		103	70-130		
m&p-Xylene	106			ug/kg	100		106	70-130		
1,1,2,2-Tetrachloroethane	50			ug/kg	50.0		100	70-130		
tert-Amyl methyl ether	54			ug/kg	50.0		109	70-130		
1,3-Dichloropropane	49			ug/kg	50.0		98.4	70-130		
Ethyl tert-butyl ether	57			ug/kg	50.0		115	70-130		
Trichlorofluoromethane	79			ug/kg	50.0		158	70-130		
Dichlorodifluoromethane	75			ug/kg	50.0		150	60-140		
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Surrogate: 4-Bromofluorobenzene			56.5	ug/kg	50.0		113	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.7	ug/kg	50.0		105	70-130		
Surrogate: Toluene-d8			50.5	ug/kg	50.0		101	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0059 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/01/23					
<b>LCS Dup (B3B0059-BSD1)</b>										
Acetone	59			ug/kg	50.0		119	60-140	5.94	30
Benzene	49			ug/kg	50.0		97.5	70-130	5.68	20
Bromobenzene	50			ug/kg	50.0		101	70-130	7.40	20
Bromochloromethane	47			ug/kg	50.0		93.9	70-130	9.59	20
Bromodichloromethane	53			ug/kg	50.0		105	70-130	9.98	20
Bromoform	52			ug/kg	50.0		105	70-130	8.36	20
Bromomethane	63			ug/kg	50.0		125	60-140	4.80	30
2-Butanone	52			ug/kg	50.0		103	60-140	2.69	30
tert-Butyl alcohol	55			ug/kg	50.0		109	70-130	11.7	20
sec-Butylbenzene	55			ug/kg	50.0		111	70-130	6.20	20
n-Butylbenzene	56			ug/kg	50.0		112	70-130	0.798	20
tert-Butylbenzene	55			ug/kg	50.0		110	70-130	6.14	20
Methyl t-butyl ether (MTBE)	54			ug/kg	50.0		108	70-130	8.04	20
Carbon Disulfide	50			ug/kg	50.0		100	50-150	0.853	40
Carbon Tetrachloride	69			ug/kg	50.0		139	70-130	3.73	20
Chlorobenzene	46			ug/kg	50.0		92.4	70-130	5.47	20
Chloroethane	60			ug/kg	50.0		120	60-140	6.00	30
Chloroform	56			ug/kg	50.0		112	70-130	5.04	20
Chloromethane	53			ug/kg	50.0		107	60-140	5.43	30
4-Chlorotoluene	52			ug/kg	50.0		104	70-130	9.16	20
2-Chlorotoluene	52			ug/kg	50.0		104	70-130	9.17	20
1,2-Dibromo-3-chloropropane (DBCP)	59			ug/kg	50.0		117	70-130	4.69	20
Dibromochloromethane	55			ug/kg	50.0		110	70-130	4.91	20
1,2-Dibromoethane (EDB)	49			ug/kg	50.0		98.0	70-130	8.52	20
Dibromomethane	53			ug/kg	50.0		105	60-140	5.84	30
1,2-Dichlorobenzene	47			ug/kg	50.0		93.3	70-130	4.32	20
1,3-Dichlorobenzene	51			ug/kg	50.0		101	70-130	7.67	20
1,4-Dichlorobenzene	47			ug/kg	50.0		94.1	70-130	2.97	20
1,1-Dichloroethane	54			ug/kg	50.0		109	70-130	8.08	20
1,2-Dichloroethane	56			ug/kg	50.0		112	70-130	13.3	20
trans-1,2-Dichloroethene	53			ug/kg	50.0		105	70-130	0.0759	20
cis-1,2-Dichloroethene	50			ug/kg	50.0		99.9	70-130	1.13	20
1,1-Dichloroethene	57			ug/kg	50.0		115	70-130	2.20	20
1,2-Dichloropropane	47			ug/kg	50.0		94.2	70-130	0.593	20
2,2-Dichloropropane	61			ug/kg	50.0		123	70-130	11.7	20
cis-1,3-Dichloropropene	50			ug/kg	50.0		99.3	70-130	6.62	20
trans-1,3-Dichloropropene	53			ug/kg	50.0		105	70-130	8.56	20
1,1-Dichloropropene	52			ug/kg	50.0		105	70-130	7.00	20
Diethyl ether	51			ug/kg	50.0		102	60-140	1.75	30
1,4-Dioxane	199			ug/kg	250		79.4	0-200	4.40	50
Ethylbenzene	54			ug/kg	50.0		109	70-130	5.17	20
Hexachlorobutadiene	56			ug/kg	50.0		113	70-130	1.32	20
2-Hexanone	48			ug/kg	50.0		96.0	70-130	13.7	20
Isopropylbenzene	54			ug/kg	50.0		109	70-130	6.29	20
p-Isopropyltoluene	57			ug/kg	50.0		115	70-130	3.71	20
Methylene Chloride	53			ug/kg	50.0		105	60-140	6.93	30
4-Methyl-2-pentanone	51			ug/kg	50.0		101	70-130	6.17	20
Naphthalene	43			ug/kg	50.0		86.4	70-130	2.74	20
n-Propylbenzene	55			ug/kg	50.0		110	70-130	5.93	20
Styrene	50			ug/kg	50.0		99.3	70-130	5.66	20
1,1,1,2-Tetrachloroethane	55			ug/kg	50.0		109	70-130	6.27	20
Tetrachloroethene	57			ug/kg	50.0		113	70-130	1.33	20
Tetrahydrofuran	49			ug/kg	50.0		98.5	50-150	6.32	40
Toluene	48			ug/kg	50.0		96.6	70-130	4.57	20
1,2,4-Trichlorobenzene	49			ug/kg	50.0		98.2	70-130	3.32	20
1,2,3-Trichlorobenzene	49			ug/kg	50.0		97.5	70-130	5.52	20
1,1,2-Trichloroethane	48			ug/kg	50.0		95.1	70-130	5.00	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0059 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0059-BSD1)</b>					Prepared & Analyzed: 02/01/23					
1,1,1-Trichloroethane	64			ug/kg	50.0		128	70-130	12.5	20
Trichloroethene	53			ug/kg	50.0		105	70-130	8.34	20
1,2,3-Trichloropropane	52			ug/kg	50.0		103	70-130	3.24	20
1,3,5-Trimethylbenzene	58			ug/kg	50.0		117	70-130	2.79	20
1,2,4-Trimethylbenzene	56			ug/kg	50.0		113	70-130	3.43	20
Vinyl Chloride	57			ug/kg	50.0		114	60-140	2.73	30
o-Xylene	49			ug/kg	50.0		98.3	70-130	4.71	20
m&p-Xylene	100			ug/kg	100		99.8	70-130	5.84	20
1,1,2,2-Tetrachloroethane	46			ug/kg	50.0		91.9	70-130	8.53	20
tert-Amyl methyl ether	51			ug/kg	50.0		102	70-130	6.22	20
1,3-Dichloropropane	48			ug/kg	50.0		95.1	70-130	3.41	20
Ethyl tert-butyl ether	53			ug/kg	50.0		106	70-130	7.99	20
Trichlorofluoromethane	74			ug/kg	50.0		147	70-130	6.94	20
Dichlorodifluoromethane	71			ug/kg	50.0		142	60-140	5.68	30
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>54.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>109</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>54.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>109</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>		

**Batch: B3B0161 - Purge-Trap**

<b>Blank (B3B0161-BLK1)</b>					Prepared & Analyzed: 02/02/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND		1	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0161 - Purge-Trap (Continued)</b>										
<b>Blank (B3B0161-BLK1)</b>					Prepared & Analyzed: 02/02/23					
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	ND		2	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND		1	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.2</i>	<i>ug/l</i>	<i>50.0</i>		<i>98.4</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>52.5</i>	<i>ug/l</i>	<i>50.0</i>		<i>105</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0161 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 02/02/23					
<b>LCS (B3B0161-BS1)</b>										
Acetone	24			ug/l	50.0		47.1	70-130		
Benzene	46			ug/l	50.0		91.7	70-130		
Bromobenzene	51			ug/l	50.0		101	70-130		
Bromochloromethane	51			ug/l	50.0		103	70-130		
Bromodichloromethane	49			ug/l	50.0		98.5	70-130		
Bromoform	50			ug/l	50.0		101	70-130		
Bromomethane	42			ug/l	50.0		84.6	70-130		
2-Butanone	23			ug/l	50.0		45.5	70-130		
tert-Butyl alcohol	40			ug/l	50.0		80.2	70-130		
sec-Butylbenzene	48			ug/l	50.0		96.7	70-130		
n-Butylbenzene	49			ug/l	50.0		97.9	70-130		
tert-Butylbenzene	51			ug/l	50.0		101	70-130		
Methyl t-butyl ether (MTBE)	57			ug/l	50.0		113	70-130		
Carbon Disulfide	45			ug/l	50.0		90.8	70-130		
Carbon Tetrachloride	55			ug/l	50.0		110	70-130		
Chlorobenzene	45			ug/l	50.0		90.7	70-130		
Chloroethane	47			ug/l	50.0		94.3	70-130		
Chloroform	49			ug/l	50.0		98.3	70-130		
Chloromethane	45			ug/l	50.0		90.4	70-130		
4-Chlorotoluene	48			ug/l	50.0		95.5	70-130		
2-Chlorotoluene	47			ug/l	50.0		94.1	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	47			ug/l	50.0		94.9	70-130		
Dibromochloromethane	55			ug/l	50.0		111	70-130		
1,2-Dibromoethane (EDB)	54			ug/l	50.0		107	70-130		
Dibromomethane	50			ug/l	50.0		101	70-130		
1,2-Dichlorobenzene	50			ug/l	50.0		99.6	70-130		
1,3-Dichlorobenzene	48			ug/l	50.0		97.0	70-130		
1,4-Dichlorobenzene	44			ug/l	50.0		88.1	70-130		
1,1-Dichloroethane	54			ug/l	50.0		108	70-130		
1,2-Dichloroethane	50			ug/l	50.0		99.7	70-130		
trans-1,2-Dichloroethene	53			ug/l	50.0		106	70-130		
cis-1,2-Dichloroethene	48			ug/l	50.0		95.0	70-130		
1,1-Dichloroethene	56			ug/l	50.0		111	70-130		
1,2-Dichloropropane	40			ug/l	50.0		80.4	70-130		
2,2-Dichloropropane	50			ug/l	50.0		99.1	70-130		
cis-1,3-Dichloropropene	49			ug/l	50.0		98.2	70-130		
trans-1,3-Dichloropropene	52			ug/l	50.0		104	70-130		
1,1-Dichloropropene	47			ug/l	50.0		94.4	70-130		
Diethyl ether	52			ug/l	50.0		103	70-130		
1,4-Dioxane	263			ug/l	250		105	0-200		
Ethylbenzene	47			ug/l	50.0		94.3	70-130		
Hexachlorobutadiene	49			ug/l	50.0		98.8	70-130		
2-Hexanone	31			ug/l	50.0		61.4	70-130		
Isopropylbenzene	52			ug/l	50.0		104	70-130		
p-Isopropyltoluene	53			ug/l	50.0		106	70-130		
Methylene Chloride	58			ug/l	50.0		115	60-140		
4-Methyl-2-pentanone	37			ug/l	50.0		73.6	70-130		
Naphthalene	52			ug/l	50.0		105	70-130		
n-Propylbenzene	47			ug/l	50.0		93.1	70-130		
Styrene	52			ug/l	50.0		104	70-130		
1,1,1,2-Tetrachloroethane	50			ug/l	50.0		101	70-130		
Tetrachloroethene	55			ug/l	50.0		109	70-130		
Tetrahydrofuran	46			ug/l	50.0		91.7	70-130		
Toluene	50			ug/l	50.0		99.2	70-130		
1,2,4-Trichlorobenzene	52			ug/l	50.0		103	70-130		
1,2,3-Trichlorobenzene	50			ug/l	50.0		99.3	70-130		
1,1,2-Trichloroethane	50			ug/l	50.0		100	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0161 - Purge-Trap (Continued)</b>										
<b>LCS (B3B0161-BS1)</b>					Prepared & Analyzed: 02/02/23					
1,1,1-Trichloroethane	53			ug/l	50.0		107	70-130		
Trichloroethene	45			ug/l	50.0		90.5	70-130		
1,2,3-Trichloropropane	41			ug/l	50.0		81.0	70-130		
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130		
1,2,4-Trimethylbenzene	52			ug/l	50.0		104	70-130		
Vinyl Chloride	57			ug/l	50.0		114	70-130		
o-Xylene	50			ug/l	50.0		101	70-130		
m&p-Xylene	94			ug/l	100		94.2	70-130		
1,1,2,2-Tetrachloroethane	41			ug/l	50.0		82.3	70-130		
tert-Amyl methyl ether	50			ug/l	50.0		100	70-130		
1,3-Dichloropropane	47			ug/l	50.0		94.4	70-130		
Ethyl tert-butyl ether	48			ug/l	50.0		95.6	70-130		
Diisopropyl ether	48			ug/l	50.0		96.6	70-130		
Trichlorofluoromethane	61			ug/l	50.0		122	70-130		
Dichlorodifluoromethane	48			ug/l	50.0		97.0	70-130		
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.8</i>	<i>ug/l</i>	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>48.2</i>	<i>ug/l</i>	<i>50.0</i>		<i>96.4</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<b>LCS Dup (B3B0161-BSD1)</b>					Prepared & Analyzed: 02/02/23					
Acetone	27			ug/l	50.0		53.6	70-130	12.8	30
Benzene	44			ug/l	50.0		87.3	70-130	4.85	30
Bromobenzene	51			ug/l	50.0		102	70-130	0.197	30
Bromochloromethane	49			ug/l	50.0		98.2	70-130	4.71	30
Bromodichloromethane	51			ug/l	50.0		103	70-130	4.23	30
Bromoform	48			ug/l	50.0		95.3	70-130	5.39	30
Bromomethane	50			ug/l	50.0		100	70-130	16.7	30
2-Butanone	23			ug/l	50.0		46.6	70-130	2.34	30
tert-Butyl alcohol	43			ug/l	50.0		86.9	70-130	8.02	30
sec-Butylbenzene	49			ug/l	50.0		98.5	70-130	1.82	30
n-Butylbenzene	48			ug/l	50.0		96.4	70-130	1.48	30
tert-Butylbenzene	51			ug/l	50.0		101	70-130	0.0592	30
Methyl t-butyl ether (MTBE)	57			ug/l	50.0		114	70-130	1.00	30
Carbon Disulfide	50			ug/l	50.0		100	70-130	9.88	30
Carbon Tetrachloride	54			ug/l	50.0		108	70-130	1.51	30
Chlorobenzene	45			ug/l	50.0		90.2	70-130	0.553	30
Chloroethane	46			ug/l	50.0		92.2	70-130	2.19	30
Chloroform	45			ug/l	50.0		89.4	70-130	9.46	30
Chloromethane	43			ug/l	50.0		86.9	70-130	3.97	30
4-Chlorotoluene	48			ug/l	50.0		96.3	70-130	0.792	30
2-Chlorotoluene	47			ug/l	50.0		94.2	70-130	0.0425	30
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/l	50.0		98.3	70-130	3.52	30
Dibromochloromethane	52			ug/l	50.0		103	70-130	6.98	30
1,2-Dibromoethane (EDB)	53			ug/l	50.0		107	70-130	0.393	30
Dibromomethane	48			ug/l	50.0		95.8	70-130	4.83	30
1,2-Dichlorobenzene	48			ug/l	50.0		96.9	70-130	2.71	30
1,3-Dichlorobenzene	49			ug/l	50.0		98.4	70-130	1.43	30
1,4-Dichlorobenzene	44			ug/l	50.0		87.8	70-130	0.409	30
1,1-Dichloroethane	51			ug/l	50.0		102	70-130	4.96	30
1,2-Dichloroethane	46			ug/l	50.0		92.8	70-130	7.17	30
trans-1,2-Dichloroethene	59			ug/l	50.0		118	70-130	10.7	30
cis-1,2-Dichloroethene	45			ug/l	50.0		89.4	70-130	6.14	30
1,1-Dichloroethene	58			ug/l	50.0		116	70-130	4.17	30
1,2-Dichloropropane	41			ug/l	50.0		82.3	70-130	2.41	30
2,2-Dichloropropane	48			ug/l	50.0		96.3	70-130	2.91	30
cis-1,3-Dichloropropene	45			ug/l	50.0		90.5	70-130	8.18	30
trans-1,3-Dichloropropene	50			ug/l	50.0		99.1	70-130	4.48	30



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0161 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B3B0161-BSD1)</b>					Prepared & Analyzed: 02/02/23					
1,1-Dichloropropene	47			ug/l	50.0		95.0	70-130	0.591	30
Diethyl ether	54			ug/l	50.0		107	70-130	3.87	30
1,4-Dioxane	263			ug/l	250		105	0-200	0.114	40
Ethylbenzene	47			ug/l	50.0		94.7	70-130	0.381	30
Hexachlorobutadiene	48			ug/l	50.0		96.5	70-130	2.29	30
2-Hexanone	32			ug/l	50.0		63.1	70-130	2.83	30
Isopropylbenzene	51			ug/l	50.0		103	70-130	0.793	30
p-Isopropyltoluene	54			ug/l	50.0		109	70-130	2.38	30
Methylene Chloride	58			ug/l	50.0		116	60-140	0.760	30
4-Methyl-2-pentanone	37			ug/l	50.0		73.6	70-130	0.0272	30
Naphthalene	55			ug/l	50.0		110	70-130	4.20	30
n-Propylbenzene	46			ug/l	50.0		92.9	70-130	0.237	30
Styrene	51			ug/l	50.0		102	70-130	2.45	30
1,1,1,2-Tetrachloroethane	50			ug/l	50.0		99.2	70-130	1.76	30
Tetrachloroethene	52			ug/l	50.0		104	70-130	4.76	30
Tetrahydrofuran	43			ug/l	50.0		86.4	70-130	5.88	30
Toluene	49			ug/l	50.0		98.5	70-130	0.688	30
1,2,4-Trichlorobenzene	53			ug/l	50.0		105	70-130	1.65	30
1,2,3-Trichlorobenzene	49			ug/l	50.0		98.5	70-130	0.809	30
1,1,2-Trichloroethane	47			ug/l	50.0		93.4	70-130	7.24	30
1,1,1-Trichloroethane	51			ug/l	50.0		102	70-130	4.04	30
Trichloroethene	45			ug/l	50.0		89.6	70-130	0.911	30
1,2,3-Trichloropropane	42			ug/l	50.0		84.0	70-130	3.61	30
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130	0.566	30
1,2,4-Trimethylbenzene	52			ug/l	50.0		104	70-130	0.115	30
Vinyl Chloride	52			ug/l	50.0		104	70-130	8.99	30
o-Xylene	49			ug/l	50.0		97.6	70-130	3.40	30
m&p-Xylene	95			ug/l	100		95.5	70-130	1.39	30
1,1,2,2-Tetrachloroethane	42			ug/l	50.0		83.5	70-130	1.47	30
tert-Amyl methyl ether	48			ug/l	50.0		96.2	70-130	3.85	30
1,3-Dichloropropane	47			ug/l	50.0		94.4	70-130	0.0212	30
Ethyl tert-butyl ether	56			ug/l	50.0		111	70-130	15.1	30
Diisopropyl ether	43			ug/l	50.0		86.8	70-130	10.7	30
Trichlorofluoromethane	60			ug/l	50.0		121	70-130	1.09	30
Dichlorodifluoromethane	49			ug/l	50.0		97.4	70-130	0.494	30
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Surrogate: 4-Bromofluorobenzene			50.4	ug/l	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.0	ug/l	50.0		96.0	70-130		
Surrogate: Toluene-d8			51.4	ug/l	50.0		103	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0089 - EPA 3546</b>										
<b>Blank (B3B0089-BLK1)</b>										
					Prepared: 02/02/23 Analyzed: 02/06/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2670	ug/kg	3310		80.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3070	ug/kg	3310		92.8	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2380	ug/kg	3310		71.8	34-130		
<hr/>										
<b>LCS (B3B0089-BS1)</b>										
					Prepared: 02/02/23 Analyzed: 02/06/23					
2-Methylnaphthalene	2310		129	ug/kg	3310		69.8	40-140		
Acenaphthene	2430		129	ug/kg	3310		73.3	40-140		
Acenaphthylene	2730		129	ug/kg	3310		82.6	40-140		
Anthracene	2810		129	ug/kg	3310		84.8	40-140		
Benzo(a)anthracene	2630		129	ug/kg	3310		79.4	40-140		
Benzo(a)pyrene	2900		129	ug/kg	3310		87.6	40-140		
Benzo(b)fluoranthene	2930		129	ug/kg	3310		88.5	40-140		
Benzo(g,h,i)perylene	2670		129	ug/kg	3310		80.6	40-140		
Benzo(k)fluoranthene	3090		129	ug/kg	3310		93.4	40-140		
Chrysene	2750		129	ug/kg	3310		82.9	40-140		
Dibenz(a,h)anthracene	2780		129	ug/kg	3310		83.9	40-140		
Dibenzofuran	2950		129	ug/kg	3310		89.1	40-140		
Fluoranthene	2720		129	ug/kg	3310		82.1	40-140		
Fluorene	2450		129	ug/kg	3310		74.0	40-140		
Indeno(1,2,3-cd)pyrene	2680		129	ug/kg	3310		80.9	40-140		
Naphthalene	2260		129	ug/kg	3310		68.4	40-140		
Phenanthrene	2900		129	ug/kg	3310		87.5	40-140		
Pyrene	2650		129	ug/kg	3310		80.0	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2960	ug/kg	3310		89.5	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3320	ug/kg	3310		100	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2710	ug/kg	3310		81.8	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0089 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0089-BSD1)</b>										
					Prepared: 02/02/23 Analyzed: 02/06/23					
2-Methylnaphthalene	1760		129	ug/kg	3310		53.1	40-140	27.3	30
Acenaphthene	1960		129	ug/kg	3310		59.3	40-140	21.1	30
Acenaphthylene	2220		129	ug/kg	3310		67.0	40-140	20.9	30
Anthracene	2220		129	ug/kg	3310		67.1	40-140	23.4	30
Benzo(a)anthracene	2180		129	ug/kg	3310		66.0	40-140	18.5	30
Benzo(a)pyrene	2300		129	ug/kg	3310		69.6	40-140	22.9	30
Benzo(b)fluoranthene	2320		129	ug/kg	3310		70.2	40-140	23.0	30
Benzo(g,h,i)perylene	2080		129	ug/kg	3310		62.9	40-140	24.7	30
Benzo(k)fluoranthene	2470		129	ug/kg	3310		74.6	40-140	22.3	30
Chrysene	2250		129	ug/kg	3310		68.1	40-140	19.7	30
Dibenz(a,h)anthracene	2200		129	ug/kg	3310		66.5	40-140	23.2	30
Dibenzofuran	2320		129	ug/kg	3310		70.0	40-140	23.9	30
Fluoranthene	2150		129	ug/kg	3310		64.9	40-140	23.4	30
Fluorene	1920		129	ug/kg	3310		57.9	40-140	24.4	30
Indeno(1,2,3-cd)pyrene	2030		129	ug/kg	3310		61.3	40-140	27.5	30
Naphthalene	1720		129	ug/kg	3310		51.9	40-140	27.4	30
Phenanthrene	2220		129	ug/kg	3310		67.0	40-140	26.5	30
Pyrene	2100		129	ug/kg	3310		63.5	40-140	22.9	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>2240</i>	<i>ug/kg</i>	<i>3310</i>		<i>67.7</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2700</i>	<i>ug/kg</i>	<i>3310</i>		<i>81.4</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2150</i>	<i>ug/kg</i>	<i>3310</i>		<i>64.8</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0007 - EPA 3546</b>										
<b>Blank (B3B0007-BLK1)</b>										
					Prepared: 02/01/23 Analyzed: 02/02/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			7.72	mg/kg	8.33		92.6	50-130		
<b>LCS (B3B0007-BS1)</b>										
					Prepared: 02/01/23 Analyzed: 02/02/23					
Total Petroleum Hydrocarbons	605		27	mg/kg	667		90.7	44.7-125		
-----										
Surrogate: Chlorooctadecane			9.08	mg/kg	8.33		109	50-130		
<b>LCS Dup (B3B0007-BSD1)</b>										
					Prepared: 02/01/23 Analyzed: 02/02/23					
Total Petroleum Hydrocarbons	624		27	mg/kg	667		93.6	44.7-125	3.11	200
-----										
Surrogate: Chlorooctadecane			8.86	mg/kg	8.33		106	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



**Chain of Custody Record**

Project No. 21106.00		Project Name/Location: Rogers High School, Newport		ACQUIS	SOIL	OTHER	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS	
Client: City of Newport c/o Downes Construction Co. (Pare)									TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead		
Report To: abarton@parecorp.com; mflynn@parecorp.com														
Invoice To: Joe Desanti, Downes Construction Co., jdesanti@downesco.com														
Date:	Time:	COMP	GRAB	Sample I.D.										
1/31/23	1:07 PM		X	BOT-109 + 52.8 PL			X	1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X	
1/31/23	1:36			BOT-108 + 52.0										
1/31/23	2:23 PM			BOT-101 + 50.0										
			✓				↓	↓	↓	↓	↓	↓	↓	
Sampled by (Signature):		Date / Time		Received by (Signature):			Date / Time		Laboratory Remarks:				Special Instructions:	
		1/31 3:35 PM							Temp. received: <u>5</u> Cooled: <input type="checkbox"/>				List Specific Detection Limit Requirements:  <b>RIDEM R-DEC &amp; GA-LC</b>	
Relinquished by (Signature):		Date / Time		Received by (Signature):			Date / Time						Turnaround (Business Days): <u>Std.</u>	
		1/31 3:35 PM												
Relinquished by (Signature):		Date / Time		Received for Laboratory by (Signature):			Date / Time							
							1/31/23 1:53 PM							

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3B01053**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 10-February-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

### ***Samples Submitted :***

The samples listed below were submitted to New England Testing Laboratory on 02/01/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3B01053. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3B01053-01	BOT-102	Soil	02/01/2023	02/01/2023
3B01053-02	BOT-107	Soil	02/01/2023	02/01/2023
3B01053-03	BOT-103	Soil	02/01/2023	02/01/2023



## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-102 (Lab Number: 3B01053-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-103 (Lab Number: 3B01053-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-107 (Lab Number: 3B01053-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

8270: The sample "BOT-107" has surrogates outside quality control limits due to matrix interference.

### Results: Total Metals

**Sample: BOT-102**

**Lab Number: 3B01053-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.73		1.19	mg/kg	02/02/23	02/07/23
Lead	9.47		0.60	mg/kg	02/02/23	02/07/23

### Results: Total Metals

**Sample: BOT-107**

**Lab Number: 3B01053-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.83		1.29	mg/kg	02/02/23	02/07/23
Lead	12.2		0.64	mg/kg	02/02/23	02/07/23

### Results: Total Metals

**Sample: BOT-103**

**Lab Number: 3B01053-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.32		1.20	mg/kg	02/02/23	02/07/23
Lead	7.24		0.60	mg/kg	02/02/23	02/07/23

## Results: Volatile Organic Compounds

**Sample: BOT-102**

**Lab Number: 3B01053-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		53	ug/kg	02/02/23	02/03/23
Benzene	ND		5	ug/kg	02/02/23	02/03/23
Bromobenzene	ND		5	ug/kg	02/02/23	02/03/23
Bromochloromethane	ND		5	ug/kg	02/02/23	02/03/23
Bromodichloromethane	ND		5	ug/kg	02/02/23	02/03/23
Bromoform	ND		5	ug/kg	02/02/23	02/03/23
Bromomethane	ND		5	ug/kg	02/02/23	02/03/23
2-Butanone	ND		5	ug/kg	02/02/23	02/03/23
tert-Butyl alcohol	ND		5	ug/kg	02/02/23	02/03/23
sec-Butylbenzene	ND		5	ug/kg	02/02/23	02/03/23
n-Butylbenzene	ND		5	ug/kg	02/02/23	02/03/23
tert-Butylbenzene	ND		5	ug/kg	02/02/23	02/03/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/02/23	02/03/23
Carbon Disulfide	ND		5	ug/kg	02/02/23	02/03/23
Carbon Tetrachloride	ND		5	ug/kg	02/02/23	02/03/23
Chlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
Chloroethane	ND		5	ug/kg	02/02/23	02/03/23
Chloroform	ND		5	ug/kg	02/02/23	02/03/23
Chloromethane	ND		5	ug/kg	02/02/23	02/03/23
4-Chlorotoluene	ND		5	ug/kg	02/02/23	02/03/23
2-Chlorotoluene	ND		5	ug/kg	02/02/23	02/03/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/02/23	02/03/23
Dibromochloromethane	ND		5	ug/kg	02/02/23	02/03/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/02/23	02/03/23
Dibromomethane	ND		5	ug/kg	02/02/23	02/03/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
1,1-Dichloroethane	ND		5	ug/kg	02/02/23	02/03/23
1,2-Dichloroethane	ND		5	ug/kg	02/02/23	02/03/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/02/23	02/03/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/02/23	02/03/23
1,1-Dichloroethene	ND		5	ug/kg	02/02/23	02/03/23
1,2-Dichloropropane	ND		5	ug/kg	02/02/23	02/03/23
2,2-Dichloropropane	ND		5	ug/kg	02/02/23	02/03/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/02/23	02/03/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/02/23	02/03/23
1,1-Dichloropropene	ND		5	ug/kg	02/02/23	02/03/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/02/23	02/03/23
Diethyl ether	ND		5	ug/kg	02/02/23	02/03/23
1,4-Dioxane	ND		107	ug/kg	02/02/23	02/03/23
Ethylbenzene	ND		5	ug/kg	02/02/23	02/03/23
Hexachlorobutadiene	ND		5	ug/kg	02/02/23	02/03/23
2-Hexanone	ND		5	ug/kg	02/02/23	02/03/23
Isopropylbenzene	ND		5	ug/kg	02/02/23	02/03/23
p-Isopropyltoluene	ND		5	ug/kg	02/02/23	02/03/23
Methylene Chloride	ND		75	ug/kg	02/02/23	02/03/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/02/23	02/03/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-102 (Continued)**

**Lab Number: 3B01053-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/02/23	02/03/23
n-Propylbenzene	ND		5	ug/kg	02/02/23	02/03/23
Styrene	ND		5	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/02/23	02/03/23
Tetrachloroethene	ND		5	ug/kg	02/02/23	02/03/23
Tetrahydrofuran	ND		5	ug/kg	02/02/23	02/03/23
Toluene	ND		5	ug/kg	02/02/23	02/03/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/02/23	02/03/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/02/23	02/03/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/02/23	02/03/23
Trichloroethene	ND		5	ug/kg	02/02/23	02/03/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/02/23	02/03/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/02/23	02/03/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/02/23	02/03/23
Vinyl Chloride	ND		5	ug/kg	02/02/23	02/03/23
o-Xylene	ND		5	ug/kg	02/02/23	02/03/23
m&p-Xylene	ND		11	ug/kg	02/02/23	02/03/23
Total xylenes	ND		5	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/02/23	02/03/23
tert-Amyl methyl ether	ND		5	ug/kg	02/02/23	02/03/23
1,3-Dichloropropane	ND		5	ug/kg	02/02/23	02/03/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/02/23	02/03/23
Diisopropyl ether	ND		5	ug/kg	02/02/23	02/03/23
Trichlorofluoromethane	ND		5	ug/kg	02/02/23	02/03/23
Dichlorodifluoromethane	ND		5	ug/kg	02/02/23	02/03/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>102%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>Toluene-d8</i>	<i>96.7%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-107**

**Lab Number: 3B01053-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		64	ug/kg	02/02/23	02/03/23
Benzene	ND		6	ug/kg	02/02/23	02/03/23
Bromobenzene	ND		6	ug/kg	02/02/23	02/03/23
Bromochloromethane	ND		6	ug/kg	02/02/23	02/03/23
Bromodichloromethane	ND		6	ug/kg	02/02/23	02/03/23
Bromoform	ND		6	ug/kg	02/02/23	02/03/23
Bromomethane	ND		6	ug/kg	02/02/23	02/03/23
2-Butanone	ND		6	ug/kg	02/02/23	02/03/23
tert-Butyl alcohol	ND		6	ug/kg	02/02/23	02/03/23
sec-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
n-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
tert-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/02/23	02/03/23
Carbon Disulfide	ND		6	ug/kg	02/02/23	02/03/23
Carbon Tetrachloride	ND		6	ug/kg	02/02/23	02/03/23
Chlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
Chloroethane	ND		6	ug/kg	02/02/23	02/03/23
Chloroform	ND		6	ug/kg	02/02/23	02/03/23
Chloromethane	ND		6	ug/kg	02/02/23	02/03/23
4-Chlorotoluene	ND		6	ug/kg	02/02/23	02/03/23
2-Chlorotoluene	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/02/23	02/03/23
Dibromochloromethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/02/23	02/03/23
Dibromomethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloroethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichloroethane	ND		6	ug/kg	02/02/23	02/03/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
2,2-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/02/23	02/03/23
Diethyl ether	ND		6	ug/kg	02/02/23	02/03/23
1,4-Dioxane	ND		127	ug/kg	02/02/23	02/03/23
Ethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Hexachlorobutadiene	ND		6	ug/kg	02/02/23	02/03/23
2-Hexanone	ND		6	ug/kg	02/02/23	02/03/23
Isopropylbenzene	ND		6	ug/kg	02/02/23	02/03/23
p-Isopropyltoluene	ND		6	ug/kg	02/02/23	02/03/23
Methylene Chloride	ND		89	ug/kg	02/02/23	02/03/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/02/23	02/03/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-107 (Continued)**

**Lab Number: 3B01053-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/02/23	02/03/23
n-Propylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Styrene	ND		6	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/02/23	02/03/23
Tetrachloroethene	ND		6	ug/kg	02/02/23	02/03/23
Tetrahydrofuran	ND		6	ug/kg	02/02/23	02/03/23
Toluene	ND		6	ug/kg	02/02/23	02/03/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/02/23	02/03/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/02/23	02/03/23
Trichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/02/23	02/03/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Vinyl Chloride	ND		6	ug/kg	02/02/23	02/03/23
o-Xylene	ND		6	ug/kg	02/02/23	02/03/23
m&p-Xylene	ND		13	ug/kg	02/02/23	02/03/23
Total xylenes	ND		6	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/02/23	02/03/23
tert-Amyl methyl ether	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/02/23	02/03/23
Diisopropyl ether	ND		6	ug/kg	02/02/23	02/03/23
Trichlorofluoromethane	ND		6	ug/kg	02/02/23	02/03/23
Dichlorodifluoromethane	ND		6	ug/kg	02/02/23	02/03/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>88.4%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-103**

**Lab Number: 3B01053-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		61	ug/kg	02/02/23	02/03/23
Benzene	ND		6	ug/kg	02/02/23	02/03/23
Bromobenzene	ND		6	ug/kg	02/02/23	02/03/23
Bromochloromethane	ND		6	ug/kg	02/02/23	02/03/23
Bromodichloromethane	ND		6	ug/kg	02/02/23	02/03/23
Bromoform	ND		6	ug/kg	02/02/23	02/03/23
Bromomethane	ND		6	ug/kg	02/02/23	02/03/23
2-Butanone	ND		6	ug/kg	02/02/23	02/03/23
tert-Butyl alcohol	ND		6	ug/kg	02/02/23	02/03/23
sec-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
n-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
tert-Butylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/02/23	02/03/23
Carbon Disulfide	ND		6	ug/kg	02/02/23	02/03/23
Carbon Tetrachloride	ND		6	ug/kg	02/02/23	02/03/23
Chlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
Chloroethane	ND		6	ug/kg	02/02/23	02/03/23
Chloroform	ND		6	ug/kg	02/02/23	02/03/23
Chloromethane	ND		6	ug/kg	02/02/23	02/03/23
4-Chlorotoluene	ND		6	ug/kg	02/02/23	02/03/23
2-Chlorotoluene	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/02/23	02/03/23
Dibromochloromethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/02/23	02/03/23
Dibromomethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloroethane	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichloroethane	ND		6	ug/kg	02/02/23	02/03/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,2-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
2,2-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
1,1-Dichloropropene	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/02/23	02/03/23
Diethyl ether	ND		6	ug/kg	02/02/23	02/03/23
1,4-Dioxane	ND		122	ug/kg	02/02/23	02/03/23
Ethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Hexachlorobutadiene	ND		6	ug/kg	02/02/23	02/03/23
2-Hexanone	ND		6	ug/kg	02/02/23	02/03/23
Isopropylbenzene	ND		6	ug/kg	02/02/23	02/03/23
p-Isopropyltoluene	ND		6	ug/kg	02/02/23	02/03/23
Methylene Chloride	ND		85	ug/kg	02/02/23	02/03/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/02/23	02/03/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-103 (Continued)**

**Lab Number: 3B01053-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/02/23	02/03/23
n-Propylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Styrene	ND		6	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/02/23	02/03/23
Tetrachloroethene	ND		6	ug/kg	02/02/23	02/03/23
Tetrahydrofuran	ND		6	ug/kg	02/02/23	02/03/23
Toluene	ND		6	ug/kg	02/02/23	02/03/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/02/23	02/03/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/02/23	02/03/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/02/23	02/03/23
Trichloroethene	ND		6	ug/kg	02/02/23	02/03/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/02/23	02/03/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/02/23	02/03/23
Vinyl Chloride	ND		6	ug/kg	02/02/23	02/03/23
o-Xylene	ND		6	ug/kg	02/02/23	02/03/23
m&p-Xylene	ND		12	ug/kg	02/02/23	02/03/23
Total xylenes	ND		6	ug/kg	02/02/23	02/03/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/02/23	02/03/23
tert-Amyl methyl ether	ND		6	ug/kg	02/02/23	02/03/23
1,3-Dichloropropane	ND		6	ug/kg	02/02/23	02/03/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/02/23	02/03/23
Diisopropyl ether	ND		6	ug/kg	02/02/23	02/03/23
Trichlorofluoromethane	ND		6	ug/kg	02/02/23	02/03/23
Dichlorodifluoromethane	ND		6	ug/kg	02/02/23	02/03/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>99.7%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>
<i>Toluene-d8</i>	<i>95.0%</i>		<i>70-130</i>		<i>02/02/23</i>	<i>02/03/23</i>

## Results: Semivolatile organic compounds

**Sample: BOT-102**

**Lab Number: 3B01053-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		148	ug/kg	02/03/23	02/09/23
Acenaphthene	ND		148	ug/kg	02/03/23	02/09/23
Acenaphthylene	ND		148	ug/kg	02/03/23	02/09/23
Anthracene	ND		148	ug/kg	02/03/23	02/09/23
Benzo(a)anthracene	ND		148	ug/kg	02/03/23	02/09/23
Benzo(a)pyrene	ND		148	ug/kg	02/03/23	02/09/23
Benzo(b)fluoranthene	ND		148	ug/kg	02/03/23	02/09/23
Benzo(g,h,i)perylene	ND		148	ug/kg	02/03/23	02/09/23
Benzo(k)fluoranthene	ND		148	ug/kg	02/03/23	02/09/23
Chrysene	ND		148	ug/kg	02/03/23	02/09/23
Dibenz(a,h)anthracene	ND		148	ug/kg	02/03/23	02/09/23
Dibenzofuran	ND		148	ug/kg	02/03/23	02/09/23
Fluoranthene	ND		148	ug/kg	02/03/23	02/09/23
Fluorene	ND		148	ug/kg	02/03/23	02/09/23
Indeno(1,2,3-cd)pyrene	ND		148	ug/kg	02/03/23	02/09/23
Naphthalene	ND		148	ug/kg	02/03/23	02/09/23
Phenanthrene	ND		148	ug/kg	02/03/23	02/09/23
Pyrene	ND		148	ug/kg	02/03/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	47.3%		30-126		02/03/23	02/09/23
<i>p-Terphenyl-d14</i>	72.8%		47-130		02/03/23	02/09/23
<i>2-Fluorobiphenyl</i>	45.0%		34-130		02/03/23	02/09/23

**Results: Semivolatile organic compounds****Sample: BOT-107****Lab Number: 3B01053-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		153	ug/kg	02/03/23	02/10/23
Acenaphthene	ND		153	ug/kg	02/03/23	02/10/23
Acenaphthylene	ND		153	ug/kg	02/03/23	02/10/23
Anthracene	ND		153	ug/kg	02/03/23	02/10/23
Benzo(a)anthracene	ND		153	ug/kg	02/03/23	02/10/23
Benzo(a)pyrene	ND		153	ug/kg	02/03/23	02/10/23
Benzo(b)fluoranthene	ND		153	ug/kg	02/03/23	02/10/23
Benzo(g,h,i)perylene	ND		153	ug/kg	02/03/23	02/10/23
Benzo(k)fluoranthene	ND		153	ug/kg	02/03/23	02/10/23
Chrysene	ND		153	ug/kg	02/03/23	02/10/23
Dibenz(a,h)anthracene	ND		153	ug/kg	02/03/23	02/10/23
Dibenzofuran	ND		153	ug/kg	02/03/23	02/10/23
Fluoranthene	ND		153	ug/kg	02/03/23	02/10/23
Fluorene	ND		153	ug/kg	02/03/23	02/10/23
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	02/03/23	02/10/23
Naphthalene	ND		153	ug/kg	02/03/23	02/10/23
Phenanthrene	ND		153	ug/kg	02/03/23	02/10/23
Pyrene	ND		153	ug/kg	02/03/23	02/10/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	26.8%		30-126		02/03/23	02/10/23
<i>p-Terphenyl-d14</i>	60.9%		47-130		02/03/23	02/10/23
<i>2-Fluorobiphenyl</i>	24.9%		34-130		02/03/23	02/10/23

**Results: Semivolatile organic compounds****Sample: BOT-103****Lab Number: 3B01053-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		304	ug/kg	02/03/23	02/09/23
Acenaphthene	ND		304	ug/kg	02/03/23	02/09/23
Acenaphthylene	ND		304	ug/kg	02/03/23	02/09/23
Anthracene	ND		304	ug/kg	02/03/23	02/09/23
Benzo(a)anthracene	ND		304	ug/kg	02/03/23	02/09/23
Benzo(a)pyrene	ND		304	ug/kg	02/03/23	02/09/23
Benzo(b)fluoranthene	ND		304	ug/kg	02/03/23	02/09/23
Benzo(g,h,i)perylene	ND		304	ug/kg	02/03/23	02/09/23
Benzo(k)fluoranthene	ND		304	ug/kg	02/03/23	02/09/23
Chrysene	ND		304	ug/kg	02/03/23	02/09/23
Dibenz(a,h)anthracene	ND		304	ug/kg	02/03/23	02/09/23
Dibenzofuran	ND		304	ug/kg	02/03/23	02/09/23
Fluoranthene	ND		304	ug/kg	02/03/23	02/09/23
Fluorene	ND		304	ug/kg	02/03/23	02/09/23
Indeno(1,2,3-cd)pyrene	ND		304	ug/kg	02/03/23	02/09/23
Naphthalene	ND		304	ug/kg	02/03/23	02/09/23
Phenanthrene	ND		304	ug/kg	02/03/23	02/09/23
Pyrene	ND		304	ug/kg	02/03/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	34.8%		30-126		02/03/23	02/09/23
<i>p-Terphenyl-d14</i>	64.9%		47-130		02/03/23	02/09/23
<i>2-Fluorobiphenyl</i>	36.6%		34-130		02/03/23	02/09/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-102****Lab Number: 3B01053-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/02/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>115%</i>		<i>50-130</i>		02/02/23	02/09/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-107****Lab Number: 3B01053-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/02/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>87.0%</i>		<i>50-130</i>		02/02/23	02/09/23



**Results: Total Petroleum Hydrocarbons****Sample: BOT-103****Lab Number: 3B01053-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/02/23	02/09/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>58.0%</i>		<i>50-130</i>		02/02/23	02/09/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0103 - Metals Digestion Soils</b>										
<b>Blank (B3B0103-BLK1)</b>										
					Prepared: 02/02/23 Analyzed: 02/07/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3B0103-BS1)</b>										
					Prepared: 02/02/23 Analyzed: 02/07/23					
Lead	96.6		0.50	mg/kg	100		96.6	85-115		
Arsenic	20.1		1.00	mg/kg	20.0		101	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0100 - EPA 5035</b>										
<b>Blank (B3B0100-BLK1)</b>					Prepared & Analyzed: 02/02/23					
Acetone	ND		50	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		70	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0100 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0100-BLK1)</b>					Prepared & Analyzed: 02/02/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.8</i>	ug/kg	<i>50.0</i>		<i>95.6</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>55.2</i>	ug/kg	<i>50.0</i>		<i>110</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.2</i>	ug/kg	<i>50.0</i>		<i>98.4</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3B0100-BS1)</b>					Prepared & Analyzed: 02/02/23					
Acetone	41			ug/kg	50.0		82.5	60-140		
Benzene	44			ug/kg	50.0		87.6	70-130		
Bromobenzene	44			ug/kg	50.0		87.8	70-130		
Bromochloromethane	45			ug/kg	50.0		89.1	70-130		
Bromodichloromethane	40			ug/kg	50.0		80.5	70-130		
Bromoform	44			ug/kg	50.0		88.7	70-130		
Bromomethane	50			ug/kg	50.0		100	60-140		
2-Butanone	41			ug/kg	50.0		81.7	60-140		
tert-Butyl alcohol	44			ug/kg	50.0		88.1	70-130		
sec-Butylbenzene	43			ug/kg	50.0		86.0	70-130		
n-Butylbenzene	46			ug/kg	50.0		91.3	70-130		
tert-Butylbenzene	42			ug/kg	50.0		84.9	70-130		
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		85.9	70-130		
Carbon Disulfide	41			ug/kg	50.0		81.0	50-150		
Carbon Tetrachloride	40			ug/kg	50.0		80.0	70-130		
Chlorobenzene	42			ug/kg	50.0		84.5	70-130		
Chloroethane	42			ug/kg	50.0		84.1	60-140		
Chloroform	40			ug/kg	50.0		80.3	70-130		
Chloromethane	63			ug/kg	50.0		126	60-140		
4-Chlorotoluene	44			ug/kg	50.0		88.6	70-130		
2-Chlorotoluene	42			ug/kg	50.0		84.2	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.4	70-130		
Dibromochloromethane	43			ug/kg	50.0		86.9	70-130		
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		85.1	70-130		
Dibromomethane	44			ug/kg	50.0		88.2	60-140		
1,2-Dichlorobenzene	44			ug/kg	50.0		87.5	70-130		
1,3-Dichlorobenzene	43			ug/kg	50.0		85.9	70-130		
1,4-Dichlorobenzene	44			ug/kg	50.0		87.8	70-130		
1,1-Dichloroethane	42			ug/kg	50.0		84.7	70-130		
1,2-Dichloroethane	41			ug/kg	50.0		81.7	70-130		
trans-1,2-Dichloroethene	45			ug/kg	50.0		89.6	70-130		
cis-1,2-Dichloroethene	45			ug/kg	50.0		89.3	70-130		
1,1-Dichloroethene	41			ug/kg	50.0		81.6	70-130		
1,2-Dichloropropane	43			ug/kg	50.0		86.9	70-130		
2,2-Dichloropropane	40			ug/kg	50.0		79.8	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0100 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0100-BS1)</b>					Prepared & Analyzed: 02/02/23					
cis-1,3-Dichloropropene	43			ug/kg	50.0		85.1	70-130		
trans-1,3-Dichloropropene	41			ug/kg	50.0		81.5	70-130		
1,1-Dichloropropene	44			ug/kg	50.0		87.7	70-130		
Diethyl ether	43			ug/kg	50.0		86.1	60-140		
1,4-Dioxane	255			ug/kg	250		102	0-200		
Ethylbenzene	45			ug/kg	50.0		90.9	70-130		
Hexachlorobutadiene	44			ug/kg	50.0		88.2	70-130		
2-Hexanone	43			ug/kg	50.0		86.7	70-130		
Isopropylbenzene	43			ug/kg	50.0		86.9	70-130		
p-Isopropyltoluene	44			ug/kg	50.0		87.3	70-130		
Methylene Chloride	50			ug/kg	50.0		100	60-140		
4-Methyl-2-pentanone	44			ug/kg	50.0		87.4	70-130		
Naphthalene	47			ug/kg	50.0		93.2	70-130		
n-Propylbenzene	43			ug/kg	50.0		86.5	70-130		
Styrene	46			ug/kg	50.0		91.4	70-130		
1,1,1,2-Tetrachloroethane	43			ug/kg	50.0		85.7	70-130		
Tetrachloroethene	44			ug/kg	50.0		87.6	70-130		
Tetrahydrofuran	51			ug/kg	50.0		102	50-150		
Toluene	44			ug/kg	50.0		87.7	70-130		
1,2,4-Trichlorobenzene	45			ug/kg	50.0		90.7	70-130		
1,2,3-Trichlorobenzene	45			ug/kg	50.0		90.7	70-130		
1,1,2-Trichloroethane	42			ug/kg	50.0		83.8	70-130		
1,1,1-Trichloroethane	40			ug/kg	50.0		80.1	70-130		
Trichloroethene	42			ug/kg	50.0		83.9	70-130		
1,2,3-Trichloropropane	43			ug/kg	50.0		85.9	70-130		
1,3,5-Trimethylbenzene	44			ug/kg	50.0		88.0	70-130		
1,2,4-Trimethylbenzene	44			ug/kg	50.0		87.2	70-130		
Vinyl Chloride	48			ug/kg	50.0		96.8	60-140		
o-Xylene	45			ug/kg	50.0		90.0	70-130		
m&p-Xylene	90			ug/kg	100		89.7	70-130		
1,1,1,2,2-Tetrachloroethane	45			ug/kg	50.0		90.1	70-130		
tert-Amyl methyl ether	42			ug/kg	50.0		84.9	70-130		
1,3-Dichloropropane	43			ug/kg	50.0		86.3	70-130		
Ethyl tert-butyl ether	42			ug/kg	50.0		83.5	70-130		
Trichlorofluoromethane	40			ug/kg	50.0		80.4	70-130		
Dichlorodifluoromethane	40			ug/kg	50.0		79.3	60-140		
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Surrogate: 4-Bromofluorobenzene			48.5	ug/kg	50.0		96.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			47.5	ug/kg	50.0		95.0	70-130		
Surrogate: Toluene-d8			48.6	ug/kg	50.0		97.2	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0100 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/02/23					
<b>LCS Dup (B3B0100-BSD1)</b>										
Acetone	40			ug/kg	50.0		80.1	60-140	2.95	30
Benzene	47			ug/kg	50.0		94.2	70-130	7.24	20
Bromobenzene	47			ug/kg	50.0		93.3	70-130	6.01	20
Bromochloromethane	49			ug/kg	50.0		98.7	70-130	10.3	20
Bromodichloromethane	44			ug/kg	50.0		87.1	70-130	7.85	20
Bromoform	46			ug/kg	50.0		92.9	70-130	4.67	20
Bromomethane	46			ug/kg	50.0		93.0	60-140	7.63	30
2-Butanone	41			ug/kg	50.0		82.7	60-140	1.29	30
tert-Butyl alcohol	46			ug/kg	50.0		91.2	70-130	3.46	20
sec-Butylbenzene	47			ug/kg	50.0		93.5	70-130	8.29	20
n-Butylbenzene	49			ug/kg	50.0		98.1	70-130	7.22	20
tert-Butylbenzene	46			ug/kg	50.0		92.8	70-130	8.93	20
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		90.4	70-130	5.10	20
Carbon Disulfide	43			ug/kg	50.0		85.1	50-150	4.96	40
Carbon Tetrachloride	42			ug/kg	50.0		84.1	70-130	5.02	20
Chlorobenzene	47			ug/kg	50.0		94.4	70-130	11.0	20
Chloroethane	46			ug/kg	50.0		92.3	60-140	9.21	30
Chloroform	44			ug/kg	50.0		87.2	70-130	8.31	20
Chloromethane	67			ug/kg	50.0		135	60-140	7.07	30
4-Chlorotoluene	50			ug/kg	50.0		99.2	70-130	11.2	20
2-Chlorotoluene	46			ug/kg	50.0		92.3	70-130	9.18	20
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.4	70-130	0.00	20
Dibromochloromethane	46			ug/kg	50.0		91.9	70-130	5.55	20
1,2-Dibromoethane (EDB)	46			ug/kg	50.0		92.2	70-130	8.06	20
Dibromomethane	45			ug/kg	50.0		89.2	60-140	1.19	30
1,2-Dichlorobenzene	48			ug/kg	50.0		95.2	70-130	8.47	20
1,3-Dichlorobenzene	47			ug/kg	50.0		93.1	70-130	8.04	20
1,4-Dichlorobenzene	48			ug/kg	50.0		95.6	70-130	8.51	20
1,1-Dichloroethane	47			ug/kg	50.0		93.7	70-130	10.1	20
1,2-Dichloroethane	41			ug/kg	50.0		81.8	70-130	0.171	20
trans-1,2-Dichloroethene	49			ug/kg	50.0		97.7	70-130	8.65	20
cis-1,2-Dichloroethene	49			ug/kg	50.0		98.4	70-130	9.67	20
1,1-Dichloroethene	45			ug/kg	50.0		90.8	70-130	10.7	20
1,2-Dichloropropane	48			ug/kg	50.0		95.7	70-130	9.66	20
2,2-Dichloropropane	42			ug/kg	50.0		83.9	70-130	5.08	20
cis-1,3-Dichloropropene	46			ug/kg	50.0		91.8	70-130	7.67	20
trans-1,3-Dichloropropene	44			ug/kg	50.0		87.1	70-130	6.64	20
1,1-Dichloropropene	47			ug/kg	50.0		93.5	70-130	6.40	20
Diethyl ether	48			ug/kg	50.0		96.3	60-140	11.2	30
1,4-Dioxane	246			ug/kg	250		98.3	0-200	3.53	50
Ethylbenzene	50			ug/kg	50.0		99.2	70-130	8.79	20
Hexachlorobutadiene	47			ug/kg	50.0		94.9	70-130	7.38	20
2-Hexanone	41			ug/kg	50.0		82.7	70-130	4.70	20
Isopropylbenzene	47			ug/kg	50.0		94.7	70-130	8.55	20
p-Isopropyltoluene	47			ug/kg	50.0		93.9	70-130	7.37	20
Methylene Chloride	59			ug/kg	50.0		118	60-140	15.9	30
4-Methyl-2-pentanone	42			ug/kg	50.0		84.0	70-130	3.97	20
Naphthalene	49			ug/kg	50.0		98.5	70-130	5.51	20
n-Propylbenzene	47			ug/kg	50.0		94.6	70-130	8.92	20
Styrene	50			ug/kg	50.0		99.2	70-130	8.22	20
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		93.0	70-130	8.20	20
Tetrachloroethene	47			ug/kg	50.0		94.0	70-130	6.98	20
Tetrahydrofuran	53			ug/kg	50.0		107	50-150	4.56	40
Toluene	48			ug/kg	50.0		95.4	70-130	8.45	20
1,2,4-Trichlorobenzene	49			ug/kg	50.0		98.8	70-130	8.59	20
1,2,3-Trichlorobenzene	48			ug/kg	50.0		96.6	70-130	6.28	20
1,1,2-Trichloroethane	46			ug/kg	50.0		92.7	70-130	10.0	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0100 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0100-BSD1)</b>					Prepared & Analyzed: 02/02/23					
1,1,1-Trichloroethane	42			ug/kg	50.0		83.0	70-130	3.63	20
Trichloroethene	47			ug/kg	50.0		94.1	70-130	11.4	20
1,2,3-Trichloropropane	44			ug/kg	50.0		87.4	70-130	1.78	20
1,3,5-Trimethylbenzene	48			ug/kg	50.0		95.0	70-130	7.72	20
1,2,4-Trimethylbenzene	47			ug/kg	50.0		94.5	70-130	8.06	20
Vinyl Chloride	53			ug/kg	50.0		106	60-140	9.24	30
o-Xylene	49			ug/kg	50.0		98.3	70-130	8.80	20
m&p-Xylene	99			ug/kg	100		99.0	70-130	9.94	20
1,1,1,2-Tetrachloroethane	47			ug/kg	50.0		93.7	70-130	3.92	20
tert-Amyl methyl ether	45			ug/kg	50.0		90.7	70-130	6.67	20
1,3-Dichloropropane	46			ug/kg	50.0		92.1	70-130	6.46	20
Ethyl tert-butyl ether	45			ug/kg	50.0		90.1	70-130	7.60	20
Trichlorofluoromethane	43			ug/kg	50.0		86.9	70-130	7.84	20
Dichlorodifluoromethane	43			ug/kg	50.0		86.2	60-140	8.29	30
<hr/>										
Surrogate: 4-Bromofluorobenzene			47.1	ug/kg	50.0		94.3	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.1	ug/kg	50.0		98.2	70-130		
Surrogate: Toluene-d8			48.4	ug/kg	50.0		96.9	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0131 - EPA 3546</b>										
<b>Blank (B3B0131-BLK1)</b>										
					Prepared: 02/03/23 Analyzed: 02/07/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2060	ug/kg	3310		62.4	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2970	ug/kg	3310		89.6	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2030	ug/kg	3310		61.4	34-130		
<hr/>										
<b>LCS (B3B0131-BS1)</b>										
					Prepared: 02/03/23 Analyzed: 02/07/23					
2-Methylnaphthalene	1440		129	ug/kg	3310		43.5	40-140		
Acenaphthene	1760		129	ug/kg	3310		53.2	40-140		
Acenaphthylene	2090		129	ug/kg	3310		63.1	40-140		
Anthracene	2370		129	ug/kg	3310		71.5	40-140		
Benzo(a)anthracene	2240		129	ug/kg	3310		67.7	40-140		
Benzo(a)pyrene	2350		129	ug/kg	3310		71.0	40-140		
Benzo(b)fluoranthene	2410		129	ug/kg	3310		72.8	40-140		
Benzo(g,h,i)perylene	2460		129	ug/kg	3310		74.2	40-140		
Benzo(k)fluoranthene	2590		129	ug/kg	3310		78.4	40-140		
Chrysene	2400		129	ug/kg	3310		72.5	40-140		
Dibenz(a,h)anthracene	2430		129	ug/kg	3310		73.3	40-140		
Dibenzofuran	2180		129	ug/kg	3310		65.9	40-140		
Fluoranthene	2170		129	ug/kg	3310		65.5	40-140		
Fluorene	1860		129	ug/kg	3310		56.2	40-140		
Indeno(1,2,3-cd)pyrene	2360		129	ug/kg	3310		71.3	40-140		
Naphthalene	1450		129	ug/kg	3310		43.8	40-140		
Phenanthrene	2340		129	ug/kg	3310		70.7	40-140		
Pyrene	2230		129	ug/kg	3310		67.4	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			1750	ug/kg	3310		52.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2820	ug/kg	3310		85.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1740	ug/kg	3310		52.7	34-130		



**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0131 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0131-BSD1)</b>										
					Prepared: 02/03/23 Analyzed: 02/07/23					
2-Methylnaphthalene	1430		129	ug/kg	3310		43.2	40-140	0.691	30
Acenaphthene	1800		129	ug/kg	3310		54.4	40-140	2.16	30
Acenaphthylene	2020		129	ug/kg	3310		60.9	40-140	3.55	30
Anthracene	2220		129	ug/kg	3310		67.2	40-140	6.29	30
Benzo(a)anthracene	2240		129	ug/kg	3310		67.6	40-140	0.0887	30
Benzo(a)pyrene	2440		129	ug/kg	3310		73.6	40-140	3.60	30
Benzo(b)fluoranthene	2430		129	ug/kg	3310		73.4	40-140	0.875	30
Benzo(g,h,i)perylene	2470		129	ug/kg	3310		74.5	40-140	0.431	30
Benzo(k)fluoranthene	2540		129	ug/kg	3310		76.7	40-140	2.09	30
Chrysene	2320		129	ug/kg	3310		70.1	40-140	3.28	30
Dibenz(a,h)anthracene	2390		129	ug/kg	3310		72.3	40-140	1.43	30
Dibenzofuran	2160		129	ug/kg	3310		65.3	40-140	0.915	30
Fluoranthene	2080		129	ug/kg	3310		62.8	40-140	4.21	30
Fluorene	1770		129	ug/kg	3310		53.6	40-140	4.81	30
Indeno(1,2,3-cd)pyrene	2340		129	ug/kg	3310		70.6	40-140	0.958	30
Naphthalene	1440		129	ug/kg	3310		43.5	40-140	0.733	30
Phenanthrene	2280		129	ug/kg	3310		69.0	40-140	2.49	30
Pyrene	2140		129	ug/kg	3310		64.5	40-140	4.43	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>1770</i>	<i>ug/kg</i>	<i>3310</i>		<i>53.6</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2680</i>	<i>ug/kg</i>	<i>3310</i>		<i>81.0</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>1730</i>	<i>ug/kg</i>	<i>3310</i>		<i>52.2</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0099 - EPA 3546</b>										
<b>Blank (B3B0099-BLK1)</b>										
					Prepared: 02/02/23 Analyzed: 02/08/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			7.24	mg/kg	8.33		86.8	50-130		
<b>LCS (B3B0099-BS1)</b>										
					Prepared: 02/02/23 Analyzed: 02/08/23					
Total Petroleum Hydrocarbons	317		27	mg/kg	667		47.6	44.7-125		
-----										
Surrogate: Chlorooctadecane			6.61	mg/kg	8.33		79.3	50-130		
<b>LCS Dup (B3B0099-BSD1)</b>										
					Prepared: 02/02/23 Analyzed: 02/08/23					
Total Petroleum Hydrocarbons	381		27	mg/kg	667		57.2	44.7-125	18.3	200
-----										
Surrogate: Chlorooctadecane			7.95	mg/kg	8.33		95.4	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High School, Newport		MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS	
Client: City of Newport c/o Downes Construction Co. (Pare)		Report To: abarton@parecorp.com; mflynn@parecorp.com					TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead		
Invoice To: Joe Desanti, Downes Construction Co., jdesanti@downesco.com		COMP	GRAB	AQUEOUS	SOIL	OTHER						
Date:	Time:			Sample I.D.								
2/1/23	8:15am		X		X		MeOH Stir-bar Non	X	X	X	X	
	4:05a											
	11:30a											
Sampled by (Signature): <i>[Signature]</i>		Date / Time: 2/1/23 8:15a		Received by (Signature): <i>[Signature]</i>		Date / Time: 2/1/23 1500		Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>		Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC</b>		
Relinquished by (Signature): <i>[Signature]</i>		Date / Time: 2/1/23 160		Received by (Signature):		Date / Time:		Turnaround (Business Days): <u>Std.</u>				
Relinquished by (Signature):		Date / Time: 1		Received for Laboratory by (Signature): <i>[Signature]</i>		Date / Time: 2/1/23 1600						



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3B14068**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 27-February-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/14/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3B14068. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3B14068-01	BOT-124	Soil	02/14/2023	02/14/2023
3B14068-02	BOT-118	Soil	02/14/2023	02/14/2023
3B14068-03	BOT-111	Soil	02/14/2023	02/14/2023
3B14068-04	SW-141	Soil	02/14/2023	02/14/2023
3B14068-05	SW-140	Soil	02/14/2023	02/14/2023
3B14068-06	SW-143	Soil	02/14/2023	02/14/2023
3B14068-07	SW-144	Soil	02/14/2023	02/14/2023
3B14068-08	SW-146	Soil	02/14/2023	02/14/2023
3B14068-09	SW-147	Soil	02/14/2023	02/14/2023
3B14068-10	SW-148	Soil	02/14/2023	02/14/2023
3B14068-11	SW-149	Soil	02/14/2023	02/14/2023
3B14068-12	SW-150	Soil	02/14/2023	02/14/2023
3B14068-13	SW-151	Soil	02/14/2023	02/14/2023
3B14068-14	Dup-2 (SW-151)	Soil	02/14/2023	02/14/2023
3B14068-15	SW-152	Soil	02/14/2023	02/14/2023
3B14068-16	SW-15	Soil	02/14/2023	02/14/2023
3B14068-17	SW-154	Soil	02/14/2023	02/14/2023
3B14068-18	SW-155	Soil	02/14/2023	02/14/2023
3B14068-19	SW-156	Soil	02/14/2023	02/14/2023
3B14068-20	SW-157	Soil	02/14/2023	02/14/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-111 (Lab Number: 3B14068-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-118 (Lab Number: 3B14068-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-124 (Lab Number: 3B14068-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **Dup-2 (SW-151) (Lab Number: 3B14068-14)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-140 (Lab Number: 3B14068-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-141 (Lab Number: 3B14068-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **SW-143 (Lab Number: 3B14068-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-144 (Lab Number: 3B14068-07)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-146 (Lab Number: 3B14068-08)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-147 (Lab Number: 3B14068-09)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-148 (Lab Number: 3B14068-10)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-149 (Lab Number: 3B14068-11)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-15 (Lab Number: 3B14068-16)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C



## ***Request for Analysis (continued)***

### **SW-150 (Lab Number: 3B14068-12)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-151 (Lab Number: 3B14068-13)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-152 (Lab Number: 3B14068-15)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-154 (Lab Number: 3B14068-17)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-155 (Lab Number: 3B14068-18)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-156 (Lab Number: 3B14068-19)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-157 (Lab Number: 3B14068-20)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## **Method References**

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

VOC 8260: Sample "SW-147" was analyzed using the methanol-preserved vial provided by the client due to matrix interference.

### Results: Total Metals

**Sample: BOT-124**

**Lab Number: 3B14068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.51		1.15	mg/kg	02/15/23	02/17/23
Lead	13.7		0.57	mg/kg	02/15/23	02/17/23

### Results: Total Metals

**Sample: BOT-118**

**Lab Number: 3B14068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.66		1.13	mg/kg	02/15/23	02/17/23
Lead	11.0		0.57	mg/kg	02/15/23	02/17/23

### Results: Total Metals

**Sample: BOT-111**

**Lab Number: 3B14068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.59		1.11	mg/kg	02/15/23	02/17/23
Lead	10.3		0.55	mg/kg	02/15/23	02/17/23

### Results: Total Metals

**Sample: SW-141**

**Lab Number: 3B14068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.06		1.26	mg/kg	02/21/23	02/21/23
Lead	6.36		0.63	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-140**

**Lab Number: 3B14068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.17		1.14	mg/kg	02/21/23	02/21/23
Lead	11.1		0.57	mg/kg	02/21/23	02/21/23



### Results: Total Metals

**Sample: SW-143**

**Lab Number: 3B14068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	4.13		1.26	mg/kg	02/21/23	02/21/23
Lead	6.13		0.63	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-144**

**Lab Number: 3B14068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	ND		1.16	mg/kg	02/21/23	02/21/23
Lead	ND		0.58	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-146**

**Lab Number: 3B14068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.22		1.14	mg/kg	02/21/23	02/21/23
Lead	62.2		0.57	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-147**

**Lab Number: 3B14068-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.08		1.19	mg/kg	02/21/23	02/21/23
Lead	84.1		0.60	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-148**

**Lab Number: 3B14068-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.68		1.20	mg/kg	02/21/23	02/21/23
Lead	69.9		0.60	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-149**

**Lab Number: 3B14068-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.59		1.21	mg/kg	02/21/23	02/21/23
Lead	52.6		0.61	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-150**

**Lab Number: 3B14068-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.46		1.22	mg/kg	02/21/23	02/21/23
Lead	53.7		0.61	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-151**

**Lab Number: 3B14068-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.92		1.22	mg/kg	02/21/23	02/21/23
Lead	46.5		0.61	mg/kg	02/21/23	02/21/23



### Results: Total Metals

**Sample: Dup-2 (SW-151)**  
**Lab Number: 3B14068-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	5.37		1.26	mg/kg	02/21/23	02/21/23
Lead	53.8		0.63	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-152**

**Lab Number: 3B14068-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.61		1.22	mg/kg	02/21/23	02/21/23
Lead	39.2		0.61	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-15**

**Lab Number: 3B14068-16 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.67		1.19	mg/kg	02/21/23	02/21/23
Lead	29.1		0.59	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-154**

**Lab Number: 3B14068-17 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.02		1.10	mg/kg	02/21/23	02/21/23
Lead	42.8		0.55	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-155**

**Lab Number: 3B14068-18 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.75		1.16	mg/kg	02/21/23	02/21/23
Lead	12.9		0.58	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-156**

**Lab Number: 3B14068-19 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	2.83		1.09	mg/kg	02/21/23	02/21/23
Lead	22.0		0.54	mg/kg	02/21/23	02/21/23

### Results: Total Metals

**Sample: SW-157**

**Lab Number: 3B14068-20 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	3.09		1.09	mg/kg	02/21/23	02/21/23
Lead	9.85		0.55	mg/kg	02/21/23	02/21/23

## Results: Volatile Organic Compounds

**Sample: BOT-124**

**Lab Number: 3B14068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		38	ug/kg	02/16/23	02/16/23
Benzene	ND		6	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromoform	ND		6	ug/kg	02/16/23	02/16/23
Bromomethane	ND		6	ug/kg	02/16/23	02/16/23
2-Butanone	ND		6	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
Chloroethane	ND		6	ug/kg	02/16/23	02/16/23
Chloroform	ND		6	ug/kg	02/16/23	02/16/23
Chloromethane	ND		6	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		128	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		90	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/16/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-124 (Continued)**

**Lab Number: 3B14068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Styrene	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/16/23
Toluene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/16/23
o-Xylene	ND		6	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		13	ug/kg	02/16/23	02/16/23
Total xylenes	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>83.5%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>124%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>114%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-118**

**Lab Number: 3B14068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		32	ug/kg	02/16/23	02/16/23
Benzene	ND		5	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromoform	ND		5	ug/kg	02/16/23	02/16/23
Bromomethane	ND		5	ug/kg	02/16/23	02/16/23
2-Butanone	ND		5	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
Chloroethane	ND		5	ug/kg	02/16/23	02/16/23
Chloroform	ND		5	ug/kg	02/16/23	02/16/23
Chloromethane	ND		5	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		105	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		74	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-118 (Continued)**

**Lab Number: 3B14068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Styrene	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/16/23
Toluene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/16/23
o-Xylene	ND		5	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/16/23
Total xylenes	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>77.6%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>125%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>103%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-111**

**Lab Number: 3B14068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		38	ug/kg	02/16/23	02/16/23
Benzene	ND		6	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromoform	ND		6	ug/kg	02/16/23	02/16/23
Bromomethane	ND		6	ug/kg	02/16/23	02/16/23
2-Butanone	ND		6	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
Chloroethane	ND		6	ug/kg	02/16/23	02/16/23
Chloroform	ND		6	ug/kg	02/16/23	02/16/23
Chloromethane	ND		6	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		125	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		88	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-111 (Continued)**

**Lab Number: 3B14068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Styrene	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/16/23
Toluene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/16/23
o-Xylene	ND		6	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		13	ug/kg	02/16/23	02/16/23
Total xylenes	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>71.1%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>111%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>127%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-141**

**Lab Number: 3B14068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		5	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		15	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		101	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		30	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-141 (Continued)**

**Lab Number: 3B14068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>128%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>83.4%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>95.6%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-140**

**Lab Number: 3B14068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/kg	02/16/23	02/16/23
Benzene	ND		6	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromoform	ND		6	ug/kg	02/16/23	02/16/23
Bromomethane	ND		6	ug/kg	02/16/23	02/16/23
2-Butanone	ND		6	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
Chloroethane	ND		6	ug/kg	02/16/23	02/16/23
Chloroform	ND		6	ug/kg	02/16/23	02/16/23
Chloromethane	ND		6	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		111	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		78	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/16/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-140 (Continued)**

**Lab Number: 3B14068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Styrene	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/16/23
Toluene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/16/23
o-Xylene	ND		6	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/16/23
Total xylenes	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>76.5%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>116%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>97.6%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-143**

**Lab Number: 3B14068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/kg	02/16/23	02/16/23
Benzene	ND		6	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/16/23
Bromoform	ND		6	ug/kg	02/16/23	02/16/23
Bromomethane	ND		6	ug/kg	02/16/23	02/16/23
2-Butanone	ND		6	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
Chloroethane	ND		6	ug/kg	02/16/23	02/16/23
Chloroform	ND		6	ug/kg	02/16/23	02/16/23
Chloromethane	ND		6	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		112	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		78	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-143 (Continued)**

**Lab Number: 3B14068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Styrene	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/16/23
Toluene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/16/23
o-Xylene	ND		6	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/16/23
Total xylenes	ND		6	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>75.8%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>95.4%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-144**

**Lab Number: 3B14068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		5	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		15	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		98	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		30	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-144 (Continued)**

**Lab Number: 3B14068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>83.4%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>86.4%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-146**

**Lab Number: 3B14068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/kg	02/16/23	02/16/23
Benzene	ND		5	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromoform	ND		5	ug/kg	02/16/23	02/16/23
Bromomethane	ND		5	ug/kg	02/16/23	02/16/23
2-Butanone	ND		5	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
Chloroethane	ND		5	ug/kg	02/16/23	02/16/23
Chloroform	ND		5	ug/kg	02/16/23	02/16/23
Chloromethane	ND		5	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		109	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		76	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-146 (Continued)**

**Lab Number: 3B14068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Styrene	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/16/23
Toluene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/16/23
o-Xylene	ND		5	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/16/23
Total xylenes	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/16/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>72.6%</i>		<i>70-130</i>		02/16/23	02/16/23
<i>1,2-Dichloroethane-d4</i>	<i>89.2%</i>		<i>70-130</i>		02/16/23	02/16/23
<i>Toluene-d8</i>	<i>106%</i>		<i>70-130</i>		02/16/23	02/16/23

## Results: Volatile Organic Compounds

**Sample: SW-147**

**Lab Number: 3B14068-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		310	ug/kg	02/21/23	02/21/23
Benzene	ND		62	ug/kg	02/21/23	02/21/23
Bromobenzene	ND		62	ug/kg	02/21/23	02/21/23
Bromochloromethane	ND		62	ug/kg	02/21/23	02/21/23
Bromodichloromethane	ND		62	ug/kg	02/21/23	02/21/23
Bromoform	ND		62	ug/kg	02/21/23	02/21/23
Bromomethane	ND		62	ug/kg	02/21/23	02/21/23
2-Butanone	ND		310	ug/kg	02/21/23	02/21/23
tert-Butyl alcohol	ND		310	ug/kg	02/21/23	02/21/23
sec-Butylbenzene	ND		62	ug/kg	02/21/23	02/21/23
n-Butylbenzene	ND		62	ug/kg	02/21/23	02/21/23
tert-Butylbenzene	ND		62	ug/kg	02/21/23	02/21/23
Methyl t-butyl ether (MTBE)	ND		62	ug/kg	02/21/23	02/21/23
Carbon Disulfide	ND		62	ug/kg	02/21/23	02/21/23
Carbon Tetrachloride	ND		62	ug/kg	02/21/23	02/21/23
Chlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
Chloroethane	ND		62	ug/kg	02/21/23	02/21/23
Chloroform	ND		62	ug/kg	02/21/23	02/21/23
Chloromethane	ND		62	ug/kg	02/21/23	02/21/23
4-Chlorotoluene	ND		62	ug/kg	02/21/23	02/21/23
2-Chlorotoluene	ND		62	ug/kg	02/21/23	02/21/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		62	ug/kg	02/21/23	02/21/23
Dibromochloromethane	ND		62	ug/kg	02/21/23	02/21/23
1,2-Dibromoethane (EDB)	ND		62	ug/kg	02/21/23	02/21/23
Dibromomethane	ND		62	ug/kg	02/21/23	02/21/23
1,2-Dichlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
1,3-Dichlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
1,4-Dichlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
1,1-Dichloroethane	ND		62	ug/kg	02/21/23	02/21/23
1,2-Dichloroethane	ND		62	ug/kg	02/21/23	02/21/23
trans-1,2-Dichloroethene	ND		62	ug/kg	02/21/23	02/21/23
cis-1,2-Dichloroethene	ND		62	ug/kg	02/21/23	02/21/23
1,1-Dichloroethene	ND		62	ug/kg	02/21/23	02/21/23
1,2-Dichloropropane	ND		62	ug/kg	02/21/23	02/21/23
2,2-Dichloropropane	ND		62	ug/kg	02/21/23	02/21/23
cis-1,3-Dichloropropene	ND		62	ug/kg	02/21/23	02/21/23
trans-1,3-Dichloropropene	ND		62	ug/kg	02/21/23	02/21/23
1,1-Dichloropropene	ND		62	ug/kg	02/21/23	02/21/23
1,3-Dichloropropene (cis + trans)	ND		124	ug/kg	02/21/23	02/21/23
Diethyl ether	ND		310	ug/kg	02/21/23	02/21/23
1,4-Dioxane	ND		6210	ug/kg	02/21/23	02/21/23
Ethylbenzene	ND		62	ug/kg	02/21/23	02/21/23
Hexachlorobutadiene	ND		62	ug/kg	02/21/23	02/21/23
2-Hexanone	ND		310	ug/kg	02/21/23	02/21/23
Isopropylbenzene	ND		62	ug/kg	02/21/23	02/21/23
p-Isopropyltoluene	ND		62	ug/kg	02/21/23	02/21/23
Methylene Chloride	ND		1240	ug/kg	02/21/23	02/21/23
4-Methyl-2-pentanone	ND		310	ug/kg	02/21/23	02/21/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-147 (Continued)**

**Lab Number: 3B14068-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		62	ug/kg	02/21/23	02/21/23
n-Propylbenzene	ND		62	ug/kg	02/21/23	02/21/23
Styrene	ND		62	ug/kg	02/21/23	02/21/23
1,1,1,2-Tetrachloroethane	ND		62	ug/kg	02/21/23	02/21/23
Tetrachloroethene	ND		62	ug/kg	02/21/23	02/21/23
Tetrahydrofuran	ND		310	ug/kg	02/21/23	02/21/23
Toluene	ND		62	ug/kg	02/21/23	02/21/23
1,2,4-Trichlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
1,2,3-Trichlorobenzene	ND		62	ug/kg	02/21/23	02/21/23
1,1,2-Trichloroethane	ND		62	ug/kg	02/21/23	02/21/23
1,1,1-Trichloroethane	ND		62	ug/kg	02/21/23	02/21/23
Trichloroethene	ND		62	ug/kg	02/21/23	02/21/23
1,2,3-Trichloropropane	ND		62	ug/kg	02/21/23	02/21/23
1,3,5-Trimethylbenzene	ND		62	ug/kg	02/21/23	02/21/23
1,2,4-Trimethylbenzene	ND		62	ug/kg	02/21/23	02/21/23
Vinyl Chloride	ND		62	ug/kg	02/21/23	02/21/23
o-Xylene	ND		62	ug/kg	02/21/23	02/21/23
m&p-Xylene	ND		124	ug/kg	02/21/23	02/21/23
Total xylenes	ND		62	ug/kg	02/21/23	02/21/23
1,1,1,2-Tetrachloroethane	ND		62	ug/kg	02/21/23	02/21/23
tert-Amyl methyl ether	ND		62	ug/kg	02/21/23	02/21/23
1,3-Dichloropropane	ND		62	ug/kg	02/21/23	02/21/23
Ethyl tert-butyl ether	ND		62	ug/kg	02/21/23	02/21/23
Diisopropyl ether	ND		62	ug/kg	02/21/23	02/21/23
Trichlorofluoromethane	ND		62	ug/kg	02/21/23	02/21/23
Dichlorodifluoromethane	ND		62	ug/kg	02/21/23	02/21/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>91.3%</i>		<i>70-130</i>		<i>02/21/23</i>	<i>02/21/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>96.5%</i>		<i>70-130</i>		<i>02/21/23</i>	<i>02/21/23</i>
<i>Toluene-d8</i>	<i>108%</i>		<i>70-130</i>		<i>02/21/23</i>	<i>02/21/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-148**

**Lab Number: 3B14068-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		32	ug/kg	02/16/23	02/16/23
Benzene	ND		5	ug/kg	02/16/23	02/16/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/16/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/16/23
Bromoform	ND		5	ug/kg	02/16/23	02/16/23
Bromomethane	ND		5	ug/kg	02/16/23	02/16/23
2-Butanone	ND		5	ug/kg	02/16/23	02/16/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/16/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/16/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/16/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/16/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
Chloroethane	ND		5	ug/kg	02/16/23	02/16/23
Chloroform	ND		5	ug/kg	02/16/23	02/16/23
Chloromethane	ND		5	ug/kg	02/16/23	02/16/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/16/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/16/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/16/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/16/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,4-Dioxane	ND		106	ug/kg	02/16/23	02/16/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/16/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/16/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/16/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/16/23
Methylene Chloride	ND		74	ug/kg	02/16/23	02/16/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/16/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-148 (Continued)**

**Lab Number: 3B14068-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/16/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Styrene	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/16/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/16/23
Toluene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/16/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/16/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/16/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/16/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/16/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/16/23
o-Xylene	ND		5	ug/kg	02/16/23	02/16/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/16/23
Total xylenes	ND		5	ug/kg	02/16/23	02/16/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/16/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/16/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/16/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/16/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/16/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/16/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/16/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>79.3%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>118%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>
<i>Toluene-d8</i>	<i>99.5%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/16/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-149**

**Lab Number: 3B14068-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		7	ug/kg	02/17/23	02/17/23
Benzene	ND		7	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		7	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromoform	ND		7	ug/kg	02/17/23	02/17/23
Bromomethane	ND		7	ug/kg	02/17/23	02/17/23
2-Butanone	ND		7	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		7	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		7	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		7	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
Chloroethane	ND		7	ug/kg	02/17/23	02/17/23
Chloroform	ND		20	ug/kg	02/17/23	02/17/23
Chloromethane	ND		7	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		134	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		7	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		7	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		7	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		7	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		40	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		7	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-149 (Continued)**

**Lab Number: 3B14068-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Styrene	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		7	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		7	ug/kg	02/17/23	02/17/23
Toluene	ND		7	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		7	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		7	ug/kg	02/17/23	02/17/23
o-Xylene	ND		7	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		13	ug/kg	02/17/23	02/17/23
Total xylenes	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		7	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		7	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>91.4%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>116%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-150**

**Lab Number: 3B14068-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		8	ug/kg	02/17/23	02/17/23
Benzene	ND		8	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		8	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		8	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		8	ug/kg	02/17/23	02/17/23
Bromoform	ND		8	ug/kg	02/17/23	02/17/23
Bromomethane	ND		8	ug/kg	02/17/23	02/17/23
2-Butanone	ND		8	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		8	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		8	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		8	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		8	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		8	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		8	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		8	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
Chloroethane	ND		8	ug/kg	02/17/23	02/17/23
Chloroform	ND		24	ug/kg	02/17/23	02/17/23
Chloromethane	ND		8	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		8	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		8	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		8	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		8	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		8	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		8	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		8	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		8	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		8	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		8	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		8	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		8	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		8	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		8	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		8	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		8	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		8	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		8	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		158	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		8	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		8	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		8	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		8	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		8	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		48	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		8	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-150 (Continued)**

**Lab Number: 3B14068-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		8	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		8	ug/kg	02/17/23	02/17/23
Styrene	ND		8	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		8	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		8	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		8	ug/kg	02/17/23	02/17/23
Toluene	ND		8	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		8	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		8	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		8	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		8	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		8	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		8	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		8	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		8	ug/kg	02/17/23	02/17/23
o-Xylene	ND		8	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		16	ug/kg	02/17/23	02/17/23
Total xylenes	ND		8	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		8	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		8	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		8	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		8	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		8	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		8	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		8	ug/kg	02/17/23	02/17/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	94.6%		70-130		02/17/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	70.2%		70-130		02/17/23	02/17/23
<i>Toluene-d8</i>	94.9%		70-130		02/17/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-151**

**Lab Number: 3B14068-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		37	ug/kg	02/16/23	02/17/23
Benzene	ND		6	ug/kg	02/16/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/17/23
Bromoform	ND		6	ug/kg	02/16/23	02/17/23
Bromomethane	ND		6	ug/kg	02/16/23	02/17/23
2-Butanone	ND		6	ug/kg	02/16/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
Chloroethane	ND		6	ug/kg	02/16/23	02/17/23
Chloroform	ND		6	ug/kg	02/16/23	02/17/23
Chloromethane	ND		6	ug/kg	02/16/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/17/23
1,4-Dioxane	ND		123	ug/kg	02/16/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/17/23
Methylene Chloride	ND		86	ug/kg	02/16/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/17/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-151 (Continued)**

**Lab Number: 3B14068-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Styrene	ND		6	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/17/23
Toluene	ND		6	ug/kg	02/16/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/17/23
o-Xylene	ND		6	ug/kg	02/16/23	02/17/23
m&p-Xylene	ND		12	ug/kg	02/16/23	02/17/23
Total xylenes	ND		6	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>77.5%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>79.0%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>94.1%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: Dup-2 (SW-151)**

**Lab Number: 3B14068-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/17/23	02/17/23
Benzene	ND		6	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromoform	ND		6	ug/kg	02/17/23	02/17/23
Bromomethane	ND		6	ug/kg	02/17/23	02/17/23
2-Butanone	ND		6	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
Chloroethane	ND		6	ug/kg	02/17/23	02/17/23
Chloroform	ND		17	ug/kg	02/17/23	02/17/23
Chloromethane	ND		6	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		113	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		34	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: Dup-2 (SW-151) (Continued)**

**Lab Number: 3B14068-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Styrene	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/17/23	02/17/23
Toluene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/17/23	02/17/23
o-Xylene	ND		6	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		11	ug/kg	02/17/23	02/17/23
Total xylenes	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>73.0%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>100%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>91.7%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-152**

**Lab Number: 3B14068-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	02/17/23	02/17/23
Benzene	ND		6	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromoform	ND		6	ug/kg	02/17/23	02/17/23
Bromomethane	ND		6	ug/kg	02/17/23	02/17/23
2-Butanone	ND		6	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
Chloroethane	ND		6	ug/kg	02/17/23	02/17/23
Chloroform	ND		18	ug/kg	02/17/23	02/17/23
Chloromethane	ND		6	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		117	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		35	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-152 (Continued)**

**Lab Number: 3B14068-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Styrene	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/17/23	02/17/23
Toluene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/17/23	02/17/23
o-Xylene	ND		6	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		12	ug/kg	02/17/23	02/17/23
Total xylenes	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>92.0%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>117%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>103%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-15**

**Lab Number: 3B14068-16 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		33	ug/kg	02/16/23	02/17/23
Benzene	ND		5	ug/kg	02/16/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromoform	ND		5	ug/kg	02/16/23	02/17/23
Bromomethane	ND		5	ug/kg	02/16/23	02/17/23
2-Butanone	ND		5	ug/kg	02/16/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
Chloroethane	ND		5	ug/kg	02/16/23	02/17/23
Chloroform	ND		5	ug/kg	02/16/23	02/17/23
Chloromethane	ND		5	ug/kg	02/16/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dioxane	ND		109	ug/kg	02/16/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/17/23
Methylene Chloride	ND		76	ug/kg	02/16/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-15 (Continued)**

**Lab Number: 3B14068-16 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Styrene	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/17/23
Toluene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/17/23
o-Xylene	ND		5	ug/kg	02/16/23	02/17/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/17/23
Total xylenes	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>83.8%</i>		<i>70-130</i>		02/16/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	<i>116%</i>		<i>70-130</i>		02/16/23	02/17/23
<i>Toluene-d8</i>	<i>105%</i>		<i>70-130</i>		02/16/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-154**

**Lab Number: 3B14068-17 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		32	ug/kg	02/16/23	02/17/23
Benzene	ND		5	ug/kg	02/16/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromoform	ND		5	ug/kg	02/16/23	02/17/23
Bromomethane	ND		5	ug/kg	02/16/23	02/17/23
2-Butanone	ND		5	ug/kg	02/16/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
Chloroethane	ND		5	ug/kg	02/16/23	02/17/23
Chloroform	ND		5	ug/kg	02/16/23	02/17/23
Chloromethane	ND		5	ug/kg	02/16/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dioxane	ND		106	ug/kg	02/16/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/17/23
Methylene Chloride	ND		74	ug/kg	02/16/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/17/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-154 (Continued)**

**Lab Number: 3B14068-17 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Styrene	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/17/23
Toluene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/17/23
o-Xylene	ND		5	ug/kg	02/16/23	02/17/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/17/23
Total xylenes	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>87.8%</i>		<i>70-130</i>		02/16/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		02/16/23	02/17/23
<i>Toluene-d8</i>	<i>111%</i>		<i>70-130</i>		02/16/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-155**

**Lab Number: 3B14068-18 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		31	ug/kg	02/16/23	02/17/23
Benzene	ND		5	ug/kg	02/16/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/16/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/16/23	02/17/23
Bromoform	ND		5	ug/kg	02/16/23	02/17/23
Bromomethane	ND		5	ug/kg	02/16/23	02/17/23
2-Butanone	ND		5	ug/kg	02/16/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/16/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/16/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/16/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/16/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
Chloroethane	ND		5	ug/kg	02/16/23	02/17/23
Chloroform	ND		5	ug/kg	02/16/23	02/17/23
Chloromethane	ND		5	ug/kg	02/16/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/16/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/16/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/16/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/16/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,4-Dioxane	ND		102	ug/kg	02/16/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/16/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/16/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/16/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/16/23	02/17/23
Methylene Chloride	ND		72	ug/kg	02/16/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/16/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-155 (Continued)**

**Lab Number: 3B14068-18 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/16/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Styrene	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/16/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/16/23	02/17/23
Toluene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/16/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/16/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/16/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/16/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/16/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/16/23	02/17/23
o-Xylene	ND		5	ug/kg	02/16/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/16/23	02/17/23
Total xylenes	ND		5	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/16/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/16/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/16/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/16/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/16/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>80.4%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>129%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>96.1%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-156**

**Lab Number: 3B14068-19 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		34	ug/kg	02/16/23	02/17/23
Benzene	ND		6	ug/kg	02/16/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/16/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/16/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/16/23	02/17/23
Bromoform	ND		6	ug/kg	02/16/23	02/17/23
Bromomethane	ND		6	ug/kg	02/16/23	02/17/23
2-Butanone	ND		6	ug/kg	02/16/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/16/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/16/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/16/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/16/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
Chloroethane	ND		6	ug/kg	02/16/23	02/17/23
Chloroform	ND		6	ug/kg	02/16/23	02/17/23
Chloromethane	ND		6	ug/kg	02/16/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/16/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/16/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/16/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/16/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/16/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/16/23	02/17/23
1,4-Dioxane	ND		112	ug/kg	02/16/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/16/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/16/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/16/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/16/23	02/17/23
Methylene Chloride	ND		78	ug/kg	02/16/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/16/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-156 (Continued)**

**Lab Number: 3B14068-19 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/16/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Styrene	ND		6	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/16/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/16/23	02/17/23
Toluene	ND		6	ug/kg	02/16/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/16/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/16/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/16/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/16/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/16/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/16/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/16/23	02/17/23
o-Xylene	ND		6	ug/kg	02/16/23	02/17/23
m&p-Xylene	ND		11	ug/kg	02/16/23	02/17/23
Total xylenes	ND		6	ug/kg	02/16/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/16/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/16/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/16/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/16/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/16/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/16/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>76.3%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>109%</i>		<i>70-130</i>		<i>02/16/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-157**

**Lab Number: 3B14068-20 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		5	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		14	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		95	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		29	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-157 (Continued)**

**Lab Number: 3B14068-20 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>89.0%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>120%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>86.7%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Semivolatile organic compounds

**Sample: BOT-124**

**Lab Number: 3B14068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		144	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		144	ug/kg	02/16/23	02/23/23
Anthracene	ND		144	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		144	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		144	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		144	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		144	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		144	ug/kg	02/16/23	02/23/23
Chrysene	ND		144	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		144	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		144	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		144	ug/kg	02/16/23	02/23/23
Fluorene	ND		144	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/16/23	02/23/23
Naphthalene	ND		144	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		144	ug/kg	02/16/23	02/23/23
Pyrene	ND		144	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	77.4%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	92.4%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	82.7%		34-130		02/16/23	02/23/23



## Results: Semivolatile organic compounds

**Sample: BOT-118**

**Lab Number: 3B14068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		138	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		138	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		138	ug/kg	02/16/23	02/23/23
Anthracene	ND		138	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		138	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		138	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		138	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		138	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		138	ug/kg	02/16/23	02/23/23
Chrysene	ND		138	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		138	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		138	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		138	ug/kg	02/16/23	02/23/23
Fluorene	ND		138	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		138	ug/kg	02/16/23	02/23/23
Naphthalene	ND		138	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		138	ug/kg	02/16/23	02/23/23
Pyrene	ND		138	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	72.0%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	99.8%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	77.1%		34-130		02/16/23	02/23/23

**Results: Semivolatile organic compounds****Sample: BOT-111****Lab Number: 3B14068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		142	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		142	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		142	ug/kg	02/16/23	02/23/23
Anthracene	ND		142	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		142	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		142	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		142	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		142	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		142	ug/kg	02/16/23	02/23/23
Chrysene	ND		142	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		142	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		142	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		142	ug/kg	02/16/23	02/23/23
Fluorene	ND		142	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		142	ug/kg	02/16/23	02/23/23
Naphthalene	ND		142	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		142	ug/kg	02/16/23	02/23/23
Pyrene	ND		142	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	75.6%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	103%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	78.6%		34-130		02/16/23	02/23/23

## Results: Semivolatile organic compounds

**Sample: SW-141**

**Lab Number: 3B14068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		153	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		153	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		153	ug/kg	02/16/23	02/23/23
Anthracene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Chrysene	ND		153	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		153	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		153	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Fluorene	ND		153	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	02/16/23	02/23/23
Naphthalene	ND		153	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		153	ug/kg	02/16/23	02/23/23
Pyrene	ND		153	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	56.7%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	93.7%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	64.5%		34-130		02/16/23	02/23/23

**Results: Semivolatile organic compounds****Sample: SW-140****Lab Number: 3B14068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		147	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		147	ug/kg	02/16/23	02/23/23
Anthracene	ND		147	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		147	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		147	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		147	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		147	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		147	ug/kg	02/16/23	02/23/23
Chrysene	ND		147	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		147	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		147	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		147	ug/kg	02/16/23	02/23/23
Fluorene	ND		147	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	02/16/23	02/23/23
Naphthalene	ND		147	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		147	ug/kg	02/16/23	02/23/23
Pyrene	ND		147	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	80.0%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	105%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	83.2%		34-130		02/16/23	02/23/23

## Results: Semivolatile organic compounds

**Sample: SW-143**

**Lab Number: 3B14068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		154	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		154	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		154	ug/kg	02/16/23	02/23/23
Anthracene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Chrysene	ND		154	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		154	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		154	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Fluorene	ND		154	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		154	ug/kg	02/16/23	02/23/23
Naphthalene	ND		154	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		154	ug/kg	02/16/23	02/23/23
Pyrene	ND		154	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	78.3%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	107%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	83.0%		34-130		02/16/23	02/23/23

## Results: Semivolatile organic compounds

**Sample: SW-144**

**Lab Number: 3B14068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		145	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		145	ug/kg	02/16/23	02/23/23
Anthracene	ND		145	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		145	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		145	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		145	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		145	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		145	ug/kg	02/16/23	02/23/23
Chrysene	ND		145	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		145	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		145	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		145	ug/kg	02/16/23	02/23/23
Fluorene	ND		145	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	02/16/23	02/23/23
Naphthalene	ND		145	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		145	ug/kg	02/16/23	02/23/23
Pyrene	ND		145	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	75.2%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	108%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	81.6%		34-130		02/16/23	02/23/23

**Results: Semivolatile organic compounds****Sample: SW-146****Lab Number: 3B14068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		146	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		146	ug/kg	02/16/23	02/23/23
Anthracene	ND		146	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		146	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		146	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		146	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		146	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/16/23	02/23/23
Chrysene	ND		146	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		146	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		146	ug/kg	02/16/23	02/23/23
Fluorene	ND		146	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/16/23	02/23/23
Naphthalene	ND		146	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		146	ug/kg	02/16/23	02/23/23
Pyrene	ND		146	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	61.6%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	92.1%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	75.7%		34-130		02/16/23	02/23/23

**Results: Semivolatile organic compounds****Sample: SW-147****Lab Number: 3B14068-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		154	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		154	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		154	ug/kg	02/16/23	02/23/23
Anthracene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		154	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Chrysene	ND		154	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		154	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		154	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		154	ug/kg	02/16/23	02/23/23
Fluorene	ND		154	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		154	ug/kg	02/16/23	02/23/23
Naphthalene	ND		154	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		154	ug/kg	02/16/23	02/23/23
Pyrene	ND		154	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	86.6%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	114%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	93.2%		34-130		02/16/23	02/23/23



## Results: Semivolatile organic compounds

**Sample: SW-148**

**Lab Number: 3B14068-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		153	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		153	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		153	ug/kg	02/16/23	02/23/23
Anthracene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		153	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Chrysene	ND		153	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		153	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		153	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		153	ug/kg	02/16/23	02/23/23
Fluorene	ND		153	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	02/16/23	02/23/23
Naphthalene	ND		153	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		153	ug/kg	02/16/23	02/23/23
Pyrene	ND		153	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	87.0%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	110%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	93.4%		34-130		02/16/23	02/23/23

## Results: Semivolatile organic compounds

**Sample: SW-149**

**Lab Number: 3B14068-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	02/16/23	02/23/23
Acenaphthene	ND		151	ug/kg	02/16/23	02/23/23
Acenaphthylene	ND		151	ug/kg	02/16/23	02/23/23
Anthracene	ND		151	ug/kg	02/16/23	02/23/23
Benzo(a)anthracene	ND		151	ug/kg	02/16/23	02/23/23
Benzo(a)pyrene	ND		151	ug/kg	02/16/23	02/23/23
Benzo(b)fluoranthene	ND		151	ug/kg	02/16/23	02/23/23
Benzo(g,h,i)perylene	ND		151	ug/kg	02/16/23	02/23/23
Benzo(k)fluoranthene	ND		151	ug/kg	02/16/23	02/23/23
Chrysene	ND		151	ug/kg	02/16/23	02/23/23
Dibenz(a,h)anthracene	ND		151	ug/kg	02/16/23	02/23/23
Dibenzofuran	ND		151	ug/kg	02/16/23	02/23/23
Fluoranthene	ND		151	ug/kg	02/16/23	02/23/23
Fluorene	ND		151	ug/kg	02/16/23	02/23/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	02/16/23	02/23/23
Naphthalene	ND		151	ug/kg	02/16/23	02/23/23
Phenanthrene	ND		151	ug/kg	02/16/23	02/23/23
Pyrene	ND		151	ug/kg	02/16/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	45.4%		30-126		02/16/23	02/23/23
<i>p-Terphenyl-d14</i>	87.6%		47-130		02/16/23	02/23/23
<i>2-Fluorobiphenyl</i>	60.3%		34-130		02/16/23	02/23/23

## Results: Semivolatile organic compounds

**Sample: SW-150**

**Lab Number: 3B14068-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		153	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		153	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		153	ug/kg	02/17/23	02/24/23
Anthracene	ND		153	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		153	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		153	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		153	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		153	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		153	ug/kg	02/17/23	02/24/23
Chrysene	ND		153	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		153	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		153	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		153	ug/kg	02/17/23	02/24/23
Fluorene	ND		153	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		153	ug/kg	02/17/23	02/24/23
Naphthalene	ND		153	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		153	ug/kg	02/17/23	02/24/23
Pyrene	ND		153	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.0%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	70.5%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	58.1%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-151**

**Lab Number: 3B14068-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		156	ug/kg	02/17/23	02/24/23
Anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Chrysene	ND		156	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		156	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Fluorene	ND		156	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Naphthalene	ND		156	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		156	ug/kg	02/17/23	02/24/23
Pyrene	ND		156	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	109%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	150%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	118%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: Dup-2 (SW-151)**

**Lab Number: 3B14068-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		156	ug/kg	02/17/23	02/24/23
Anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Chrysene	ND		156	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		156	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Fluorene	ND		156	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Naphthalene	ND		156	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		156	ug/kg	02/17/23	02/24/23
Pyrene	ND		156	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	51.8%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	82.4%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	61.7%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-152**

**Lab Number: 3B14068-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		156	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		156	ug/kg	02/17/23	02/24/23
Anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		156	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Chrysene	ND		156	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		156	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		156	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		156	ug/kg	02/17/23	02/24/23
Fluorene	ND		156	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		156	ug/kg	02/17/23	02/24/23
Naphthalene	ND		156	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		156	ug/kg	02/17/23	02/24/23
Pyrene	ND		156	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	83.4%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	110%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	89.7%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-15**

**Lab Number: 3B14068-16 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		148	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		148	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		148	ug/kg	02/17/23	02/24/23
Anthracene	ND		148	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		148	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		148	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		148	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		148	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		148	ug/kg	02/17/23	02/24/23
Chrysene	ND		148	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		148	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		148	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		148	ug/kg	02/17/23	02/24/23
Fluorene	ND		148	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		148	ug/kg	02/17/23	02/24/23
Naphthalene	ND		148	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		148	ug/kg	02/17/23	02/24/23
Pyrene	ND		148	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	72.6%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	105%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	76.7%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-154**

**Lab Number: 3B14068-17 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		142	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		142	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		142	ug/kg	02/17/23	02/24/23
Anthracene	ND		142	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		142	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		142	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		142	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		142	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		142	ug/kg	02/17/23	02/24/23
Chrysene	ND		142	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		142	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		142	ug/kg	02/17/23	02/24/23
<b>Fluoranthene</b>	<b>191</b>		142	ug/kg	02/17/23	02/24/23
Fluorene	ND		142	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		142	ug/kg	02/17/23	02/24/23
Naphthalene	ND		142	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		142	ug/kg	02/17/23	02/24/23
<b>Pyrene</b>	<b>179</b>		142	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	78.8%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	121%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	86.4%		34-130		02/17/23	02/24/23



## Results: Semivolatile organic compounds

**Sample: SW-155**

**Lab Number: 3B14068-18 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		143	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		143	ug/kg	02/17/23	02/24/23
Anthracene	ND		143	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		143	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		143	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		143	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		143	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		143	ug/kg	02/17/23	02/24/23
Chrysene	ND		143	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		143	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		143	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		143	ug/kg	02/17/23	02/24/23
Fluorene	ND		143	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	02/17/23	02/24/23
Naphthalene	ND		143	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		143	ug/kg	02/17/23	02/24/23
Pyrene	ND		143	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	78.2%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	111%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	79.0%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-156**

**Lab Number: 3B14068-19 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		139	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		139	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		139	ug/kg	02/17/23	02/24/23
Anthracene	ND		139	ug/kg	02/17/23	02/24/23
<b>Benzo(a)anthracene</b>	<b>149</b>		139	ug/kg	02/17/23	02/24/23
<b>Benzo(a)pyrene</b>	<b>157</b>		139	ug/kg	02/17/23	02/24/23
<b>Benzo(b)fluoranthene</b>	<b>205</b>		139	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		139	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		139	ug/kg	02/17/23	02/24/23
<b>Chrysene</b>	<b>154</b>		139	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		139	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		139	ug/kg	02/17/23	02/24/23
<b>Fluoranthene</b>	<b>264</b>		139	ug/kg	02/17/23	02/24/23
Fluorene	ND		139	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		139	ug/kg	02/17/23	02/24/23
Naphthalene	ND		139	ug/kg	02/17/23	02/24/23
<b>Phenanthrene</b>	<b>144</b>		139	ug/kg	02/17/23	02/24/23
<b>Pyrene</b>	<b>268</b>		139	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	60.8%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	91.8%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	68.4%		34-130		02/17/23	02/24/23

## Results: Semivolatile organic compounds

**Sample: SW-157**

**Lab Number: 3B14068-20 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		140	ug/kg	02/17/23	02/24/23
Acenaphthene	ND		140	ug/kg	02/17/23	02/24/23
Acenaphthylene	ND		140	ug/kg	02/17/23	02/24/23
Anthracene	ND		140	ug/kg	02/17/23	02/24/23
Benzo(a)anthracene	ND		140	ug/kg	02/17/23	02/24/23
Benzo(a)pyrene	ND		140	ug/kg	02/17/23	02/24/23
Benzo(b)fluoranthene	ND		140	ug/kg	02/17/23	02/24/23
Benzo(g,h,i)perylene	ND		140	ug/kg	02/17/23	02/24/23
Benzo(k)fluoranthene	ND		140	ug/kg	02/17/23	02/24/23
Chrysene	ND		140	ug/kg	02/17/23	02/24/23
Dibenz(a,h)anthracene	ND		140	ug/kg	02/17/23	02/24/23
Dibenzofuran	ND		140	ug/kg	02/17/23	02/24/23
Fluoranthene	ND		140	ug/kg	02/17/23	02/24/23
Fluorene	ND		140	ug/kg	02/17/23	02/24/23
Indeno(1,2,3-cd)pyrene	ND		140	ug/kg	02/17/23	02/24/23
Naphthalene	ND		140	ug/kg	02/17/23	02/24/23
Phenanthrene	ND		140	ug/kg	02/17/23	02/24/23
Pyrene	ND		140	ug/kg	02/17/23	02/24/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	78.4%		30-126		02/17/23	02/24/23
<i>p-Terphenyl-d14</i>	104%		47-130		02/17/23	02/24/23
<i>2-Fluorobiphenyl</i>	86.5%		34-130		02/17/23	02/24/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-124****Lab Number: 3B14068-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.9%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-118****Lab Number: 3B14068-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>102%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-111****Lab Number: 3B14068-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>83.5%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-141****Lab Number: 3B14068-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>93.8%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-140****Lab Number: 3B14068-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>109%</i>		<i>50-130</i>		02/15/23	02/17/23



**Results: Total Petroleum Hydrocarbons****Sample: SW-143****Lab Number: 3B14068-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-144****Lab Number: 3B14068-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-146****Lab Number: 3B14068-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-147****Lab Number: 3B14068-09 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>102%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-148****Lab Number: 3B14068-10 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>92.3%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-149****Lab Number: 3B14068-11 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>111%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-150****Lab Number: 3B14068-12 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>110%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-151****Lab Number: 3B14068-13 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>71.4%</i>		<i>50-130</i>		02/15/23	02/17/23



**Results: Total Petroleum Hydrocarbons****Sample: Dup-2 (SW-151)****Lab Number: 3B14068-14 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>112%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-152****Lab Number: 3B14068-15 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	02/15/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>98.6%</i>		<i>50-130</i>		02/15/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-15****Lab Number: 3B14068-16 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>108%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-154****Lab Number: 3B14068-17 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	87.6%		50-130		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-155****Lab Number: 3B14068-18 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>88</b>		29	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>109%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-156****Lab Number: 3B14068-19 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>244</b>		56	mg/kg	02/16/23	02/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>107%</i>		<i>50-130</i>		02/16/23	02/18/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-157****Lab Number: 3B14068-20 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>640</b>		116	mg/kg	02/16/23	02/18/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>101%</i>		<i>50-130</i>		02/16/23	02/18/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0654 - Metals Digestion Soils</b>										
<b>Blank (B3B0654-BLK1)</b>										
					Prepared: 02/15/23 Analyzed: 02/17/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3B0654-BS1)</b>										
					Prepared: 02/15/23 Analyzed: 02/17/23					
Arsenic	20.0		1.00	mg/kg	20.0		100	85-115		
Lead	95.8		0.50	mg/kg	100		95.8	85-115		
<b>Batch: B3B0854 - Metals Digestion Soils</b>										
<b>Blank (B3B0854-BLK1)</b>										
					Prepared & Analyzed: 02/21/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3B0854-BS1)</b>										
					Prepared & Analyzed: 02/21/23					
Arsenic	19.3		1.00	mg/kg	20.0		96.4	85-115		
Lead	111		0.50	mg/kg	100		111	85-115		



**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0739 - EPA 5035</b>										
<b>Blank (B3B0739-BLK1)</b>					Prepared & Analyzed: 02/16/23					
Acetone	ND		30	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		70	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0739 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0739-BLK1)</b>					Prepared & Analyzed: 02/16/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			44.6	ug/kg	50.0		89.3	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			50.7	ug/kg	50.0		101	70-130		
<i>Surrogate: Toluene-d8</i>			55.1	ug/kg	50.0		110	70-130		
<hr/>										
<b>LCS (B3B0739-BS1)</b>					Prepared & Analyzed: 02/16/23					
Acetone	24			ug/kg	50.0		47.8	60-140		
Benzene	55			ug/kg	50.0		111	70-130		
Bromobenzene	43			ug/kg	50.0		86.1	70-130		
Bromochloromethane	58			ug/kg	50.0		116	70-130		
Bromodichloromethane	51			ug/kg	50.0		102	70-130		
Bromoform	38			ug/kg	50.0		75.2	70-130		
Bromomethane	85			ug/kg	50.0		170	60-140		
2-Butanone	35			ug/kg	50.0		70.9	60-140		
tert-Butyl alcohol	46			ug/kg	50.0		91.4	70-130		
sec-Butylbenzene	45			ug/kg	50.0		89.7	70-130		
n-Butylbenzene	48			ug/kg	50.0		96.1	70-130		
tert-Butylbenzene	45			ug/kg	50.0		89.5	70-130		
Methyl t-butyl ether (MTBE)	60			ug/kg	50.0		120	70-130		
Carbon Disulfide	59			ug/kg	50.0		117	50-150		
Carbon Tetrachloride	44			ug/kg	50.0		89.0	70-130		
Chlorobenzene	45			ug/kg	50.0		89.6	70-130		
Chloroethane	74			ug/kg	50.0		148	60-140		
Chloroform	48			ug/kg	50.0		96.8	70-130		
Chloromethane	45			ug/kg	50.0		90.8	60-140		
4-Chlorotoluene	44			ug/kg	50.0		87.4	70-130		
2-Chlorotoluene	43			ug/kg	50.0		86.9	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	37			ug/kg	50.0		73.6	70-130		
Dibromochloromethane	51			ug/kg	50.0		103	70-130		
1,2-Dibromoethane (EDB)	55			ug/kg	50.0		111	70-130		
Dibromomethane	53			ug/kg	50.0		106	60-140		
1,2-Dichlorobenzene	44			ug/kg	50.0		87.5	70-130		
1,3-Dichlorobenzene	45			ug/kg	50.0		90.4	70-130		
1,4-Dichlorobenzene	46			ug/kg	50.0		92.1	70-130		
1,1-Dichloroethane	50			ug/kg	50.0		99.6	70-130		
1,2-Dichloroethane	42			ug/kg	50.0		84.3	70-130		
trans-1,2-Dichloroethene	58			ug/kg	50.0		117	70-130		
cis-1,2-Dichloroethene	55			ug/kg	50.0		110	70-130		
1,1-Dichloroethene	57			ug/kg	50.0		114	70-130		
1,2-Dichloropropane	49			ug/kg	50.0		98.2	70-130		
2,2-Dichloropropane	43			ug/kg	50.0		86.0	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0739 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0739-BS1)</b>					Prepared & Analyzed: 02/16/23					
cis-1,3-Dichloropropene	51			ug/kg	50.0		102	70-130		
trans-1,3-Dichloropropene	48			ug/kg	50.0		96.9	70-130		
1,1-Dichloropropene	55			ug/kg	50.0		110	70-130		
Diethyl ether	51			ug/kg	50.0		102	60-140		
1,4-Dioxane	259			ug/kg	250		104	0-200		
Ethylbenzene	46			ug/kg	50.0		92.6	70-130		
Hexachlorobutadiene	32			ug/kg	50.0		63.7	70-130		
2-Hexanone	39			ug/kg	50.0		78.5	70-130		
Isopropylbenzene	45			ug/kg	50.0		90.2	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		95.1	70-130		
Methylene Chloride	68			ug/kg	50.0		136	60-140		
4-Methyl-2-pentanone	39			ug/kg	50.0		78.0	70-130		
Naphthalene	46			ug/kg	50.0		92.9	70-130		
n-Propylbenzene	45			ug/kg	50.0		90.2	70-130		
Styrene	48			ug/kg	50.0		96.7	70-130		
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		87.2	70-130		
Tetrachloroethene	47			ug/kg	50.0		94.1	70-130		
Tetrahydrofuran	51			ug/kg	50.0		101	50-150		
Toluene	55			ug/kg	50.0		110	70-130		
1,2,4-Trichlorobenzene	37			ug/kg	50.0		74.5	70-130		
1,2,3-Trichlorobenzene	37			ug/kg	50.0		74.6	70-130		
1,1,2-Trichloroethane	56			ug/kg	50.0		111	70-130		
1,1,1-Trichloroethane	45			ug/kg	50.0		89.7	70-130		
Trichloroethene	52			ug/kg	50.0		105	70-130		
1,2,3-Trichloropropane	43			ug/kg	50.0		86.3	70-130		
1,3,5-Trimethylbenzene	47			ug/kg	50.0		93.1	70-130		
1,2,4-Trimethylbenzene	46			ug/kg	50.0		91.8	70-130		
Vinyl Chloride	60			ug/kg	50.0		119	60-140		
o-Xylene	47			ug/kg	50.0		94.0	70-130		
m&p-Xylene	96			ug/kg	100		95.9	70-130		
1,1,2,2-Tetrachloroethane	47			ug/kg	50.0		94.3	70-130		
tert-Amyl methyl ether	58			ug/kg	50.0		117	70-130		
1,3-Dichloropropane	54			ug/kg	50.0		108	70-130		
Ethyl tert-butyl ether	48			ug/kg	50.0		95.8	70-130		
Trichlorofluoromethane	59			ug/kg	50.0		118	70-130		
Dichlorodifluoromethane	70			ug/kg	50.0		139	60-140		
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Surrogate: 4-Bromofluorobenzene			46.3	ug/kg	50.0		92.5	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.1	ug/kg	50.0		104	70-130		
Surrogate: Toluene-d8			54.5	ug/kg	50.0		109	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0739 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/16/23					
<b>LCS Dup (B3B0739-BSD1)</b>										
Acetone	41			ug/kg	50.0		82.0	60-140	52.8	30
Benzene	48			ug/kg	50.0		95.7	70-130	14.4	20
Bromobenzene	36			ug/kg	50.0		72.5	70-130	17.1	20
Bromochloromethane	51			ug/kg	50.0		101	70-130	13.8	20
Bromodichloromethane	44			ug/kg	50.0		87.8	70-130	14.6	20
Bromoform	33			ug/kg	50.0		66.4	70-130	12.3	20
Bromomethane	81			ug/kg	50.0		161	60-140	5.07	30
2-Butanone	37			ug/kg	50.0		73.9	60-140	4.14	30
tert-Butyl alcohol	50			ug/kg	50.0		99.2	70-130	8.18	20
sec-Butylbenzene	38			ug/kg	50.0		76.1	70-130	16.4	20
n-Butylbenzene	41			ug/kg	50.0		82.2	70-130	15.5	20
tert-Butylbenzene	44			ug/kg	50.0		88.5	70-130	1.06	20
Methyl t-butyl ether (MTBE)	59			ug/kg	50.0		118	70-130	1.21	20
Carbon Disulfide	52			ug/kg	50.0		104	50-150	11.8	40
Carbon Tetrachloride	40			ug/kg	50.0		80.3	70-130	10.3	20
Chlorobenzene	40			ug/kg	50.0		79.3	70-130	12.2	20
Chloroethane	63			ug/kg	50.0		126	60-140	15.8	30
Chloroform	46			ug/kg	50.0		92.8	70-130	4.18	20
Chloromethane	44			ug/kg	50.0		88.2	60-140	2.99	30
4-Chlorotoluene	42			ug/kg	50.0		84.6	70-130	3.21	20
2-Chlorotoluene	42			ug/kg	50.0		83.1	70-130	4.54	20
1,2-Dibromo-3-chloropropane (DBCP)	35			ug/kg	50.0		70.5	70-130	4.41	20
Dibromochloromethane	49			ug/kg	50.0		98.2	70-130	4.54	20
1,2-Dibromoethane (EDB)	50			ug/kg	50.0		101	70-130	9.21	20
Dibromomethane	52			ug/kg	50.0		104	60-140	2.38	30
1,2-Dichlorobenzene	41			ug/kg	50.0		81.5	70-130	7.10	20
1,3-Dichlorobenzene	37			ug/kg	50.0		74.8	70-130	18.9	20
1,4-Dichlorobenzene	43			ug/kg	50.0		85.7	70-130	7.15	20
1,1-Dichloroethane	46			ug/kg	50.0		92.0	70-130	7.91	20
1,2-Dichloroethane	41			ug/kg	50.0		81.3	70-130	3.60	20
trans-1,2-Dichloroethene	56			ug/kg	50.0		113	70-130	3.66	20
cis-1,2-Dichloroethene	54			ug/kg	50.0		108	70-130	2.22	20
1,1-Dichloroethene	51			ug/kg	50.0		102	70-130	11.5	20
1,2-Dichloropropane	45			ug/kg	50.0		90.0	70-130	8.78	20
2,2-Dichloropropane	48			ug/kg	50.0		95.9	70-130	10.9	20
cis-1,3-Dichloropropene	47			ug/kg	50.0		93.7	70-130	8.47	20
trans-1,3-Dichloropropene	46			ug/kg	50.0		91.6	70-130	5.62	20
1,1-Dichloropropene	48			ug/kg	50.0		96.0	70-130	13.7	20
Diethyl ether	50			ug/kg	50.0		99.3	60-140	2.25	30
1,4-Dioxane	259			ug/kg	250		104	0-200	0.00773	50
Ethylbenzene	39			ug/kg	50.0		78.8	70-130	16.1	20
Hexachlorobutadiene	27			ug/kg	50.0		54.8	70-130	15.0	20
2-Hexanone	40			ug/kg	50.0		79.4	70-130	1.04	20
Isopropylbenzene	46			ug/kg	50.0		91.5	70-130	1.41	20
p-Isopropyltoluene	40			ug/kg	50.0		80.5	70-130	16.6	20
Methylene Chloride	59			ug/kg	50.0		117	60-140	14.7	30
4-Methyl-2-pentanone	40			ug/kg	50.0		79.4	70-130	1.86	20
Naphthalene	42			ug/kg	50.0		83.9	70-130	10.1	20
n-Propylbenzene	40			ug/kg	50.0		80.1	70-130	12.0	20
Styrene	41			ug/kg	50.0		82.8	70-130	15.6	20
1,1,1,2-Tetrachloroethane	37			ug/kg	50.0		74.2	70-130	16.1	20
Tetrachloroethene	43			ug/kg	50.0		85.7	70-130	9.28	20
Tetrahydrofuran	51			ug/kg	50.0		102	50-150	0.825	40
Toluene	49			ug/kg	50.0		98.2	70-130	11.3	20
1,2,4-Trichlorobenzene	33			ug/kg	50.0		66.2	70-130	11.8	20
1,2,3-Trichlorobenzene	35			ug/kg	50.0		70.2	70-130	6.05	20
1,1,2-Trichloroethane	53			ug/kg	50.0		106	70-130	4.36	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0739 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0739-BSD1)</b>					Prepared & Analyzed: 02/16/23					
1,1,1-Trichloroethane	42			ug/kg	50.0		83.5	70-130	7.16	20
Trichloroethene	48			ug/kg	50.0		95.8	70-130	8.72	20
1,2,3-Trichloropropane	44			ug/kg	50.0		88.0	70-130	1.88	20
1,3,5-Trimethylbenzene	41			ug/kg	50.0		82.8	70-130	11.6	20
1,2,4-Trimethylbenzene	40			ug/kg	50.0		80.3	70-130	13.5	20
Vinyl Chloride	56			ug/kg	50.0		111	60-140	6.69	30
o-Xylene	41			ug/kg	50.0		81.6	70-130	14.1	20
m&p-Xylene	80			ug/kg	100		80.2	70-130	17.9	20
1,1,2,2-Tetrachloroethane	43			ug/kg	50.0		86.0	70-130	9.20	20
tert-Amyl methyl ether	55			ug/kg	50.0		110	70-130	5.90	20
1,3-Dichloropropane	52			ug/kg	50.0		104	70-130	3.26	20
Ethyl tert-butyl ether	44			ug/kg	50.0		88.2	70-130	8.33	20
Trichlorofluoromethane	53			ug/kg	50.0		105	70-130	11.6	20
Dichlorodifluoromethane	58			ug/kg	50.0		116	60-140	18.6	30
<i>Surrogate: 4-Bromofluorobenzene</i>			44.5	ug/kg	50.0		88.9	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			57.6	ug/kg	50.0		115	70-130		
<i>Surrogate: Toluene-d8</i>			59.4	ug/kg	50.0		119	70-130		

**Batch: B3B0842 - EPA 5035**

**Blank (B3B0842-BLK1)**

Prepared & Analyzed: 02/17/23

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		15	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0842 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0842-BLK1)</b>					Prepared & Analyzed: 02/17/23					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		30	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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Surrogate: 4-Bromofluorobenzene			49.1	ug/kg	50.0		98.1	70-130		
Surrogate: 1,2-Dichloroethane-d4			46.2	ug/kg	50.0		92.4	70-130		
Surrogate: Toluene-d8			50.4	ug/kg	50.0		101	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0842 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/17/23					
<b>LCS (B3B0842-BS1)</b>										
Acetone	51			ug/kg	50.0		103	60-140		
Benzene	45			ug/kg	50.0		89.2	70-130		
Bromobenzene	46			ug/kg	50.0		92.9	70-130		
Bromochloromethane	44			ug/kg	50.0		87.7	70-130		
Bromodichloromethane	44			ug/kg	50.0		88.5	70-130		
Bromoform	45			ug/kg	50.0		90.9	70-130		
Bromomethane	45			ug/kg	50.0		89.5	60-140		
2-Butanone	46			ug/kg	50.0		91.1	60-140		
tert-Butyl alcohol	41			ug/kg	50.0		82.9	70-130		
sec-Butylbenzene	47			ug/kg	50.0		94.4	70-130		
n-Butylbenzene	49			ug/kg	50.0		98.1	70-130		
tert-Butylbenzene	46			ug/kg	50.0		91.8	70-130		
Methyl t-butyl ether (MTBE)	47			ug/kg	50.0		94.9	70-130		
Carbon Disulfide	41			ug/kg	50.0		81.7	50-150		
Carbon Tetrachloride	46			ug/kg	50.0		92.2	70-130		
Chlorobenzene	43			ug/kg	50.0		86.3	70-130		
Chloroethane	42			ug/kg	50.0		84.1	60-140		
Chloroform	41			ug/kg	50.0		81.4	70-130		
Chloromethane	52			ug/kg	50.0		103	60-140		
4-Chlorotoluene	46			ug/kg	50.0		91.0	70-130		
2-Chlorotoluene	45			ug/kg	50.0		90.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.4	70-130		
Dibromochloromethane	43			ug/kg	50.0		86.8	70-130		
1,2-Dibromoethane (EDB)	42			ug/kg	50.0		84.9	70-130		
Dibromomethane	45			ug/kg	50.0		90.2	60-140		
1,2-Dichlorobenzene	45			ug/kg	50.0		89.5	70-130		
1,3-Dichlorobenzene	44			ug/kg	50.0		88.5	70-130		
1,4-Dichlorobenzene	44			ug/kg	50.0		87.5	70-130		
1,1-Dichloroethane	44			ug/kg	50.0		87.8	70-130		
1,2-Dichloroethane	43			ug/kg	50.0		86.4	70-130		
trans-1,2-Dichloroethene	43			ug/kg	50.0		85.2	70-130		
cis-1,2-Dichloroethene	41			ug/kg	50.0		82.0	70-130		
1,1-Dichloroethene	42			ug/kg	50.0		84.2	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		89.5	70-130		
2,2-Dichloropropane	45			ug/kg	50.0		89.3	70-130		
cis-1,3-Dichloropropene	44			ug/kg	50.0		87.1	70-130		
trans-1,3-Dichloropropene	42			ug/kg	50.0		85.0	70-130		
1,1-Dichloropropene	44			ug/kg	50.0		88.8	70-130		
Diethyl ether	43			ug/kg	50.0		85.6	60-140		
1,4-Dioxane	241			ug/kg	250		96.4	0-200		
Ethylbenzene	47			ug/kg	50.0		94.3	70-130		
Hexachlorobutadiene	48			ug/kg	50.0		96.7	70-130		
2-Hexanone	48			ug/kg	50.0		96.7	70-130		
Isopropylbenzene	48			ug/kg	50.0		95.3	70-130		
p-Isopropyltoluene	49			ug/kg	50.0		98.0	70-130		
Methylene Chloride	35			ug/kg	50.0		70.0	60-140		
4-Methyl-2-pentanone	46			ug/kg	50.0		92.2	70-130		
Naphthalene	45			ug/kg	50.0		89.3	70-130		
n-Propylbenzene	47			ug/kg	50.0		93.7	70-130		
Styrene	46			ug/kg	50.0		91.2	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.9	70-130		
Tetrachloroethene	45			ug/kg	50.0		90.2	70-130		
Tetrahydrofuran	50			ug/kg	50.0		101	50-150		
Toluene	46			ug/kg	50.0		91.1	70-130		
1,2,4-Trichlorobenzene	46			ug/kg	50.0		92.6	70-130		
1,2,3-Trichlorobenzene	46			ug/kg	50.0		91.9	70-130		
1,1,2-Trichloroethane	43			ug/kg	50.0		85.1	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0842 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0842-BS1)</b>					Prepared & Analyzed: 02/17/23					
1,1,1-Trichloroethane	46			ug/kg	50.0		92.7	70-130		
Trichloroethene	44			ug/kg	50.0		87.4	70-130		
1,2,3-Trichloropropane	44			ug/kg	50.0		87.7	70-130		
1,3,5-Trimethylbenzene	48			ug/kg	50.0		96.2	70-130		
1,2,4-Trimethylbenzene	48			ug/kg	50.0		95.1	70-130		
Vinyl Chloride	50			ug/kg	50.0		99.4	60-140		
o-Xylene	46			ug/kg	50.0		92.7	70-130		
m&p-Xylene	93			ug/kg	100		92.9	70-130		
1,1,2,2-Tetrachloroethane	42			ug/kg	50.0		84.8	70-130		
tert-Amyl methyl ether	47			ug/kg	50.0		94.1	70-130		
1,3-Dichloropropane	43			ug/kg	50.0		86.0	70-130		
Ethyl tert-butyl ether	49			ug/kg	50.0		97.6	70-130		
Trichlorofluoromethane	43			ug/kg	50.0		85.2	70-130		
Dichlorodifluoromethane	61			ug/kg	50.0		122	60-140		
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Surrogate: 4-Bromofluorobenzene			51.0	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			44.0	ug/kg	50.0		88.0	70-130		
Surrogate: Toluene-d8			49.9	ug/kg	50.0		99.7	70-130		
<b>LCS Dup (B3B0842-BSD1)</b>					Prepared & Analyzed: 02/17/23					
Acetone	59			ug/kg	50.0		118	60-140	13.7	30
Benzene	44			ug/kg	50.0		88.8	70-130	0.427	20
Bromobenzene	44			ug/kg	50.0		87.0	70-130	6.51	20
Bromochloromethane	43			ug/kg	50.0		86.4	70-130	1.47	20
Bromodichloromethane	47			ug/kg	50.0		94.2	70-130	6.28	20
Bromoform	44			ug/kg	50.0		87.9	70-130	3.38	20
Bromomethane	43			ug/kg	50.0		86.8	60-140	3.06	30
2-Butanone	59			ug/kg	50.0		119	60-140	26.4	30
tert-Butyl alcohol	48			ug/kg	50.0		95.5	70-130	14.1	20
sec-Butylbenzene	44			ug/kg	50.0		88.8	70-130	6.18	20
n-Butylbenzene	45			ug/kg	50.0		90.6	70-130	7.97	20
tert-Butylbenzene	44			ug/kg	50.0		87.1	70-130	5.23	20
Methyl t-butyl ether (MTBE)	51			ug/kg	50.0		102	70-130	6.76	20
Carbon Disulfide	42			ug/kg	50.0		84.5	50-150	3.47	40
Carbon Tetrachloride	45			ug/kg	50.0		90.7	70-130	1.68	20
Chlorobenzene	40			ug/kg	50.0		80.8	70-130	6.61	20
Chloroethane	44			ug/kg	50.0		88.2	60-140	4.81	30
Chloroform	43			ug/kg	50.0		85.0	70-130	4.32	20
Chloromethane	54			ug/kg	50.0		109	60-140	5.32	30
4-Chlorotoluene	43			ug/kg	50.0		85.7	70-130	6.00	20
2-Chlorotoluene	42			ug/kg	50.0		84.8	70-130	6.53	20
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		87.5	70-130	3.24	20
Dibromochloromethane	45			ug/kg	50.0		90.7	70-130	4.40	20
1,2-Dibromoethane (EDB)	45			ug/kg	50.0		90.9	70-130	6.73	20
Dibromomethane	46			ug/kg	50.0		91.5	60-140	1.45	30
1,2-Dichlorobenzene	42			ug/kg	50.0		84.0	70-130	6.27	20
1,3-Dichlorobenzene	42			ug/kg	50.0		84.6	70-130	4.51	20
1,4-Dichlorobenzene	41			ug/kg	50.0		82.8	70-130	5.45	20
1,1-Dichloroethane	45			ug/kg	50.0		89.8	70-130	2.32	20
1,2-Dichloroethane	44			ug/kg	50.0		87.9	70-130	1.70	20
trans-1,2-Dichloroethene	45			ug/kg	50.0		90.3	70-130	5.81	20
cis-1,2-Dichloroethene	44			ug/kg	50.0		88.0	70-130	7.11	20
1,1-Dichloroethene	45			ug/kg	50.0		89.2	70-130	5.72	20
1,2-Dichloropropane	42			ug/kg	50.0		84.4	70-130	5.82	20
2,2-Dichloropropane	44			ug/kg	50.0		88.7	70-130	0.629	20
cis-1,3-Dichloropropene	44			ug/kg	50.0		87.6	70-130	0.573	20
trans-1,3-Dichloropropene	44			ug/kg	50.0		87.5	70-130	2.85	20
1,1-Dichloropropene	44			ug/kg	50.0		89.0	70-130	0.135	20



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0842 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0842-BSD1)</b>					Prepared & Analyzed: 02/17/23					
Diethyl ether	45			ug/kg	50.0		90.4	60-140	5.41	30
1,4-Dioxane	271			ug/kg	250		109	0-200	11.9	50
Ethylbenzene	44			ug/kg	50.0		88.4	70-130	6.37	20
Hexachlorobutadiene	45			ug/kg	50.0		90.9	70-130	6.14	20
2-Hexanone	53			ug/kg	50.0		106	70-130	9.46	20
Isopropylbenzene	44			ug/kg	50.0		88.8	70-130	7.08	20
p-Isopropyltoluene	47			ug/kg	50.0		93.4	70-130	4.74	20
Methylene Chloride	36			ug/kg	50.0		71.9	60-140	2.68	30
4-Methyl-2-pentanone	51			ug/kg	50.0		102	70-130	9.84	20
Naphthalene	44			ug/kg	50.0		88.6	70-130	0.832	20
n-Propylbenzene	44			ug/kg	50.0		88.1	70-130	6.12	20
Styrene	44			ug/kg	50.0		87.1	70-130	4.64	20
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		87.4	70-130	5.02	20
Tetrachloroethene	48			ug/kg	50.0		95.9	70-130	6.11	20
Tetrahydrofuran	53			ug/kg	50.0		107	50-150	5.84	40
Toluene	46			ug/kg	50.0		91.8	70-130	0.743	20
1,2,4-Trichlorobenzene	44			ug/kg	50.0		88.0	70-130	5.16	20
1,2,3-Trichlorobenzene	45			ug/kg	50.0		89.7	70-130	2.40	20
1,1,2-Trichloroethane	44			ug/kg	50.0		87.5	70-130	2.83	20
1,1,1-Trichloroethane	44			ug/kg	50.0		88.6	70-130	4.55	20
Trichloroethene	44			ug/kg	50.0		88.4	70-130	1.09	20
1,2,3-Trichloropropane	42			ug/kg	50.0		84.1	70-130	4.19	20
1,3,5-Trimethylbenzene	45			ug/kg	50.0		90.5	70-130	6.10	20
1,2,4-Trimethylbenzene	45			ug/kg	50.0		90.1	70-130	5.44	20
Vinyl Chloride	50			ug/kg	50.0		100	60-140	1.02	30
o-Xylene	44			ug/kg	50.0		87.3	70-130	6.07	20
m&p-Xylene	87			ug/kg	100		87.0	70-130	6.61	20
1,1,2,2-Tetrachloroethane	41			ug/kg	50.0		82.1	70-130	3.26	20
tert-Amyl methyl ether	50			ug/kg	50.0		101	70-130	6.68	20
1,3-Dichloropropane	44			ug/kg	50.0		87.2	70-130	1.29	20
Ethyl tert-butyl ether	51			ug/kg	50.0		101	70-130	3.90	20
Trichlorofluoromethane	44			ug/kg	50.0		88.4	70-130	3.64	20
Dichlorodifluoromethane	62			ug/kg	50.0		124	60-140	1.68	30
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Surrogate: 4-Bromofluorobenzene			50.8	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.1	ug/kg	50.0		96.2	70-130		
Surrogate: Toluene-d8			52.7	ug/kg	50.0		105	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0914 - Purge-Trap</b>										
<b>Blank (B3B0914-BLK1)</b>					Prepared & Analyzed: 02/21/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND		1	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	ND		20	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0914 - Purge-Trap (Continued)</b>										
<b>Blank (B3B0914-BLK1)</b>					Prepared & Analyzed: 02/21/23					
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND		1	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			50.4	ug/l	50.0		101	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			47.9	ug/l	50.0		95.8	70-130		
<i>Surrogate: Toluene-d8</i>			51.7	ug/l	50.0		103	70-130		
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<b>LCS (B3B0914-BS1)</b>					Prepared & Analyzed: 02/21/23					
Acetone	44			ug/l	50.0		87.8	70-130		
Benzene	54			ug/l	50.0		108	70-130		
Bromobenzene	48			ug/l	50.0		96.6	70-130		
Bromochloromethane	55			ug/l	50.0		110	70-130		
Bromodichloromethane	55			ug/l	50.0		109	70-130		
Bromoform	45			ug/l	50.0		89.7	70-130		
Bromomethane	62			ug/l	50.0		125	70-130		
2-Butanone	44			ug/l	50.0		88.0	70-130		
tert-Butyl alcohol	58			ug/l	50.0		115	70-130		
sec-Butylbenzene	52			ug/l	50.0		104	70-130		
n-Butylbenzene	50			ug/l	50.0		99.9	70-130		
tert-Butylbenzene	51			ug/l	50.0		101	70-130		
Methyl t-butyl ether (MTBE)	59			ug/l	50.0		117	70-130		
Carbon Disulfide	56			ug/l	50.0		112	70-130		
Carbon Tetrachloride	54			ug/l	50.0		108	70-130		
Chlorobenzene	48			ug/l	50.0		95.6	70-130		
Chloroethane	101			ug/l	50.0		202	70-130		
Chloroform	51			ug/l	50.0		102	70-130		
Chloromethane	55			ug/l	50.0		109	70-130		
4-Chlorotoluene	49			ug/l	50.0		97.6	70-130		
2-Chlorotoluene	49			ug/l	50.0		98.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	42			ug/l	50.0		84.0	70-130		
Dibromochloromethane	56			ug/l	50.0		111	70-130		
1,2-Dibromoethane (EDB)	51			ug/l	50.0		102	70-130		
Dibromomethane	55			ug/l	50.0		109	70-130		
1,2-Dichlorobenzene	47			ug/l	50.0		93.9	70-130		
1,3-Dichlorobenzene	47			ug/l	50.0		93.1	70-130		
1,4-Dichlorobenzene	48			ug/l	50.0		95.9	70-130		
1,1-Dichloroethane	56			ug/l	50.0		113	70-130		
1,2-Dichloroethane	48			ug/l	50.0		96.6	70-130		
trans-1,2-Dichloroethene	57			ug/l	50.0		113	70-130		
cis-1,2-Dichloroethene	52			ug/l	50.0		103	70-130		
1,1-Dichloroethene	57			ug/l	50.0		114	70-130		
1,2-Dichloropropane	54			ug/l	50.0		108	70-130		
2,2-Dichloropropane	51			ug/l	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0914 - Purge-Trap (Continued)</b>										
<b>LCS (B3B0914-BS1)</b>					Prepared & Analyzed: 02/21/23					
cis-1,3-Dichloropropene	49			ug/l	50.0		98.5	70-130		
trans-1,3-Dichloropropene	52			ug/l	50.0		104	70-130		
1,1-Dichloropropene	55			ug/l	50.0		110	70-130		
Diethyl ether	62			ug/l	50.0		124	70-130		
1,4-Dioxane	243			ug/l	250		97.2	0-200		
Ethylbenzene	51			ug/l	50.0		102	70-130		
Hexachlorobutadiene	54			ug/l	50.0		108	70-130		
2-Hexanone	46			ug/l	50.0		91.9	70-130		
Isopropylbenzene	50			ug/l	50.0		99.3	70-130		
p-Isopropyltoluene	52			ug/l	50.0		105	70-130		
Methylene Chloride	61			ug/l	50.0		122	60-140		
4-Methyl-2-pentanone	53			ug/l	50.0		107	70-130		
Naphthalene	48			ug/l	50.0		96.2	70-130		
n-Propylbenzene	52			ug/l	50.0		104	70-130		
Styrene	48			ug/l	50.0		96.4	70-130		
1,1,1,2-Tetrachloroethane	50			ug/l	50.0		99.3	70-130		
Tetrachloroethene	52			ug/l	50.0		104	70-130		
Tetrahydrofuran	58			ug/l	50.0		117	70-130		
Toluene	56			ug/l	50.0		112	70-130		
1,2,4-Trichlorobenzene	51			ug/l	50.0		101	70-130		
1,2,3-Trichlorobenzene	50			ug/l	50.0		100	70-130		
1,1,2-Trichloroethane	55			ug/l	50.0		110	70-130		
1,1,1-Trichloroethane	50			ug/l	50.0		100	70-130		
Trichloroethene	48			ug/l	50.0		96.7	70-130		
1,2,3-Trichloropropane	49			ug/l	50.0		97.3	70-130		
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130		
1,2,4-Trimethylbenzene	52			ug/l	50.0		105	70-130		
Vinyl Chloride	56			ug/l	50.0		113	70-130		
o-Xylene	50			ug/l	50.0		99.9	70-130		
m&p-Xylene	97			ug/l	100		97.4	70-130		
1,1,2,2-Tetrachloroethane	54			ug/l	50.0		107	70-130		
tert-Amyl methyl ether	55			ug/l	50.0		111	70-130		
1,3-Dichloropropane	54			ug/l	50.0		107	70-130		
Ethyl tert-butyl ether	56			ug/l	50.0		111	70-130		
Diisopropyl ether	58			ug/l	50.0		116	70-130		
Trichlorofluoromethane	55			ug/l	50.0		110	70-130		
Dichlorodifluoromethane	53			ug/l	50.0		107	70-130		
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Surrogate: 4-Bromofluorobenzene			50.8	ug/l	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			44.9	ug/l	50.0		89.7	70-130		
Surrogate: Toluene-d8			51.3	ug/l	50.0		103	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0914 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 02/21/23					
<b>LCS Dup (B3B0914-BSD1)</b>										
Acetone	56			ug/l	50.0		112	70-130	24.5	30
Benzene	54			ug/l	50.0		108	70-130	0.834	30
Bromobenzene	50			ug/l	50.0		100	70-130	3.60	30
Bromochloromethane	54			ug/l	50.0		108	70-130	1.50	30
Bromodichloromethane	55			ug/l	50.0		109	70-130	0.00	30
Bromoform	46			ug/l	50.0		91.7	70-130	2.18	30
Bromomethane	68			ug/l	50.0		135	70-130	7.97	30
2-Butanone	53			ug/l	50.0		105	70-130	17.9	30
tert-Butyl alcohol	61			ug/l	50.0		123	70-130	6.15	30
sec-Butylbenzene	52			ug/l	50.0		104	70-130	0.346	30
n-Butylbenzene	51			ug/l	50.0		101	70-130	1.37	30
tert-Butylbenzene	50			ug/l	50.0		101	70-130	0.158	30
Methyl t-butyl ether (MTBE)	61			ug/l	50.0		121	70-130	3.25	30
Carbon Disulfide	59			ug/l	50.0		118	70-130	6.04	30
Carbon Tetrachloride	55			ug/l	50.0		109	70-130	0.826	30
Chlorobenzene	47			ug/l	50.0		94.0	70-130	1.67	30
Chloroethane	111			ug/l	50.0		222	70-130	9.48	30
Chloroform	51			ug/l	50.0		102	70-130	0.177	30
Chloromethane	53			ug/l	50.0		106	70-130	2.68	30
4-Chlorotoluene	49			ug/l	50.0		98.6	70-130	1.10	30
2-Chlorotoluene	49			ug/l	50.0		98.2	70-130	0.366	30
1,2-Dibromo-3-chloropropane (DBCP)	47			ug/l	50.0		93.2	70-130	10.4	30
Dibromochloromethane	54			ug/l	50.0		108	70-130	3.19	30
1,2-Dibromoethane (EDB)	52			ug/l	50.0		104	70-130	2.25	30
Dibromomethane	54			ug/l	50.0		107	70-130	1.87	30
1,2-Dichlorobenzene	49			ug/l	50.0		97.3	70-130	3.47	30
1,3-Dichlorobenzene	49			ug/l	50.0		98.4	70-130	5.49	30
1,4-Dichlorobenzene	49			ug/l	50.0		97.2	70-130	1.33	30
1,1-Dichloroethane	57			ug/l	50.0		115	70-130	1.64	30
1,2-Dichloroethane	47			ug/l	50.0		93.8	70-130	2.96	30
trans-1,2-Dichloroethene	56			ug/l	50.0		111	70-130	2.03	30
cis-1,2-Dichloroethene	50			ug/l	50.0		99.1	70-130	4.01	30
1,1-Dichloroethene	58			ug/l	50.0		117	70-130	2.13	30
1,2-Dichloropropane	52			ug/l	50.0		105	70-130	3.46	30
2,2-Dichloropropane	51			ug/l	50.0		102	70-130	0.0196	30
cis-1,3-Dichloropropene	50			ug/l	50.0		101	70-130	2.23	30
trans-1,3-Dichloropropene	54			ug/l	50.0		108	70-130	3.98	30
1,1-Dichloropropene	55			ug/l	50.0		109	70-130	0.0548	30
Diethyl ether	59			ug/l	50.0		118	70-130	5.18	30
1,4-Dioxane	267			ug/l	250		107	0-200	9.41	40
Ethylbenzene	50			ug/l	50.0		100	70-130	2.21	30
Hexachlorobutadiene	56			ug/l	50.0		111	70-130	3.24	30
2-Hexanone	50			ug/l	50.0		99.6	70-130	8.06	30
Isopropylbenzene	50			ug/l	50.0		100	70-130	1.16	30
p-Isopropyltoluene	53			ug/l	50.0		106	70-130	0.761	30
Methylene Chloride	59			ug/l	50.0		118	60-140	3.57	30
4-Methyl-2-pentanone	53			ug/l	50.0		105	70-130	1.36	30
Naphthalene	51			ug/l	50.0		103	70-130	6.50	30
n-Propylbenzene	51			ug/l	50.0		102	70-130	2.62	30
Styrene	49			ug/l	50.0		98.5	70-130	2.22	30
1,1,1,2-Tetrachloroethane	49			ug/l	50.0		97.6	70-130	1.77	30
Tetrachloroethene	53			ug/l	50.0		105	70-130	0.649	30
Tetrahydrofuran	59			ug/l	50.0		118	70-130	0.939	30
Toluene	57			ug/l	50.0		114	70-130	1.79	30
1,2,4-Trichlorobenzene	53			ug/l	50.0		106	70-130	4.29	30
1,2,3-Trichlorobenzene	56			ug/l	50.0		111	70-130	10.5	30
1,1,2-Trichloroethane	55			ug/l	50.0		110	70-130	8.8364	30

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0914 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B3B0914-BSD1)</b>					Prepared & Analyzed: 02/21/23					
1,1,1-Trichloroethane	52			ug/l	50.0		104	70-130	3.37	30
Trichloroethene	50			ug/l	50.0		99.7	70-130	3.14	30
1,2,3-Trichloropropane	50			ug/l	50.0		99.8	70-130	2.56	30
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130	0.113	30
1,2,4-Trimethylbenzene	52			ug/l	50.0		105	70-130	0.0574	30
Vinyl Chloride	59			ug/l	50.0		118	70-130	4.80	30
o-Xylene	48			ug/l	50.0		95.3	70-130	4.69	30
m&p-Xylene	100			ug/l	100		99.6	70-130	2.25	30
1,1,1,2-Tetrachloroethane	51			ug/l	50.0		102	70-130	5.24	30
tert-Amyl methyl ether	58			ug/l	50.0		116	70-130	4.64	30
1,3-Dichloropropane	54			ug/l	50.0		107	70-130	0.261	30
Ethyl tert-butyl ether	59			ug/l	50.0		118	70-130	5.99	30
Diisopropyl ether	59			ug/l	50.0		118	70-130	2.07	30
Trichlorofluoromethane	57			ug/l	50.0		113	70-130	3.10	30
Dichlorodifluoromethane	56			ug/l	50.0		111	70-130	4.26	30
-----										
Surrogate: 4-Bromofluorobenzene			48.8	ug/l	50.0		97.5	70-130		
Surrogate: 1,2-Dichloroethane-d4			44.7	ug/l	50.0		89.4	70-130		
Surrogate: Toluene-d8			50.8	ug/l	50.0		102	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0684 - EPA 3546</b>										
<b>Blank (B3B0684-BLK1)</b>										
					Prepared: 02/16/23 Analyzed: 02/23/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			808	ug/kg	1990		40.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2350	ug/kg	1990		118	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			960	ug/kg	1990		48.3	34-130		
<hr/>										
<b>LCS (B3B0684-BS1)</b>										
					Prepared: 02/16/23 Analyzed: 02/23/23					
2-Methylnaphthalene	802		129	ug/kg	1320		60.6	40-140		
Acenaphthene	893		129	ug/kg	1320		67.4	40-140		
Acenaphthylene	953		129	ug/kg	1320		72.0	40-140		
Anthracene	1130		129	ug/kg	1320		85.6	40-140		
Benzo(a)anthracene	1150		129	ug/kg	1320		87.2	40-140		
Benzo(a)pyrene	1140		129	ug/kg	1320		86.3	40-140		
Benzo(b)fluoranthene	1180		129	ug/kg	1320		89.0	40-140		
Benzo(g,h,i)perylene	1100		129	ug/kg	1320		83.1	40-140		
Benzo(k)fluoranthene	1260		129	ug/kg	1320		95.4	40-140		
Chrysene	1180		129	ug/kg	1320		89.2	40-140		
Dibenz(a,h)anthracene	1070		129	ug/kg	1320		80.9	40-140		
Dibenzofuran	1020		129	ug/kg	1320		77.1	40-140		
Fluoranthene	1250		129	ug/kg	1320		94.3	40-140		
Fluorene	1070		129	ug/kg	1320		80.9	40-140		
Indeno(1,2,3-cd)pyrene	1040		129	ug/kg	1320		78.7	40-140		
Naphthalene	825		129	ug/kg	1320		62.3	40-140		
Phenanthrene	1190		129	ug/kg	1320		89.8	40-140		
Pyrene	1220		129	ug/kg	1320		91.8	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			1730	ug/kg	3310		52.2	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2640	ug/kg	3310		79.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2060	ug/kg	3310		62.1	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0684 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0684-BSD1)</b>										
					Prepared: 02/16/23 Analyzed: 02/23/23					
2-Methylnaphthalene	760		129	ug/kg	1320		57.4	40-140	5.43	30
Acenaphthene	846		129	ug/kg	1320		63.9	40-140	5.33	30
Acenaphthylene	895		129	ug/kg	1320		67.6	40-140	6.23	30
Anthracene	1110		129	ug/kg	1320		83.8	40-140	2.07	30
Benzo(a)anthracene	1120		129	ug/kg	1320		84.2	40-140	3.50	30
Benzo(a)pyrene	1080		129	ug/kg	1320		81.4	40-140	5.79	30
Benzo(b)fluoranthene	1130		129	ug/kg	1320		85.0	40-140	4.54	30
Benzo(g,h,i)perylene	1060		129	ug/kg	1320		80.3	40-140	3.30	30
Benzo(k)fluoranthene	1180		129	ug/kg	1320		89.2	40-140	6.77	30
Chrysene	1130		129	ug/kg	1320		85.6	40-140	4.18	30
Dibenz(a,h)anthracene	1030		129	ug/kg	1320		78.1	40-140	3.52	30
Dibenzofuran	963		129	ug/kg	1320		72.7	40-140	5.81	30
Fluoranthene	1200		129	ug/kg	1320		90.4	40-140	4.17	30
Fluorene	1020		129	ug/kg	1320		76.7	40-140	5.27	30
Indeno(1,2,3-cd)pyrene	998		129	ug/kg	1320		75.4	40-140	4.29	30
Naphthalene	768		129	ug/kg	1320		58.0	40-140	7.07	30
Phenanthrene	1140		129	ug/kg	1320		86.2	40-140	4.20	30
Pyrene	1160		129	ug/kg	1320		88.0	40-140	4.34	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			1570	ug/kg	3310		47.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2530	ug/kg	3310		76.4	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1880	ug/kg	3310		56.8	34-130		



**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0641 - EPA 3546</b>										
<b>Blank (B3B0641-BLK1)</b>					Prepared: 02/15/23 Analyzed: 02/16/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			6.54	mg/kg	8.33		78.5	50-130		
<b>LCS (B3B0641-BS1)</b>										
<b>Total Petroleum Hydrocarbons</b>					Prepared: 02/15/23 Analyzed: 02/16/23					
Total Petroleum Hydrocarbons	405		27	mg/kg	667		60.8	44.7-125		
-----										
Surrogate: Chlorooctadecane			7.76	mg/kg	8.33		93.2	50-130		
<b>LCS Dup (B3B0641-BSD1)</b>										
<b>Total Petroleum Hydrocarbons</b>					Prepared: 02/15/23 Analyzed: 02/16/23					
Total Petroleum Hydrocarbons	303		27	mg/kg	667		45.4	44.7-125	29.0	200
-----										
Surrogate: Chlorooctadecane			5.61	mg/kg	8.33		67.4	50-130		
<b>Batch: B3B0734 - EPA 3546</b>										
<b>Blank (B3B0734-BLK1)</b>					Prepared: 02/16/23 Analyzed: 02/21/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			8.28	mg/kg	8.33		99.4	50-130		
<b>LCS (B3B0734-BS1)</b>										
<b>Total Petroleum Hydrocarbons</b>					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	299		27	mg/kg				44.7-125		
-----										
Surrogate: Chlorooctadecane			6.37	mg/kg	8.33		76.4	50-130		
<b>LCS Dup (B3B0734-BSD1)</b>										
<b>Total Petroleum Hydrocarbons</b>					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	514		27	mg/kg				44.7-125	52.9	200
-----										
Surrogate: Chlorooctadecane			9.44	mg/kg	8.33		113	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

**New England Testing Laboratory**

59 Greenhill Street  
West Warwick, RI 02893  
1-888-863-8522



3 B 1 4068 \*

**Chain of Custody Record**

Project No. 21106.00		Project Name/Location: Rogers High School, Newport			MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS
Client: City of Newport c/o Downes Construction Co. (Pare)								AQUEOUS	SOIL	OTHER	TPH 8100M	
Report To: abarton@parecorp.com; mflynn@parecorp.com												
Invoice To: Joe Desanti, Downes Construction Co., jdesanti@downesco.com												
Date:	Time:	COMP	GRAB	Sample I.D.								
2-14-23	9:10		X	BOT - 124 48.2		X	1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X
"	9:13			BOT - 118 49.0								
"	9:16			BOT - 111 49.7								
"	11:30			SW - 141								
"	11:20			SW - 140								
"	12:40			SW - 143								
"	1:35			SW - 144								
"	12:10			SW - 146								
"	12:10	12:00		SW - 147								
"	1:42			SW - 148								
"	1:47			SW - 149								
"	1:30			SW - 150								
"	11:05			SW - 151								
"	11:45			DUP-2 (SW-151)								
"	11:05			SW - 152								
"	11:00			SW - 153								
"	10:05			SW - 154								
"	10:00			SW - 155								
"	9:30			SW - 156								
"	9:30			SW - 157								

Sampled by (Signature): <i>[Signature]</i>	Date / Time 2/14/23 3:30	Received by (Signature): <i>[Signature]</i>	Date / Time 2/14/23 3:40	Laboratory Remarks: Temp. received: _____ Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC</b>
Relinquished by (Signature): <i>[Signature]</i>	Date / Time 2/14/23 3:40	Received by (Signature): <i>[Signature]</i>	Date / Time 2/14/23 3:40		
Relinquished by (Signature):	Date / Time:	Received for Laboratory by (Signature):	Date / Time:	Turnaround (Business Days): <u>Std.</u>	

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate; Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3B15047**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 01-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

---

Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/15/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3B15047. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3B15047-01	SW-139	Soil	02/15/2023	02/15/2023
3B15047-02	SW-138	Soil	02/15/2023	02/15/2023
3B15047-03	SW-137	Soil	02/15/2023	02/15/2023
3B15047-04	SW-136	Soil	02/15/2023	02/15/2023
3B15047-05	SW-135	Soil	02/15/2023	02/15/2023
3B15047-06	SW-134	Soil	02/15/2023	02/15/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **SW-134 (Lab Number: 3B15047-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-135 (Lab Number: 3B15047-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-136 (Lab Number: 3B15047-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-137 (Lab Number: 3B15047-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-138 (Lab Number: 3B15047-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-139 (Lab Number: 3B15047-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None



### Results: Total Metals

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	10.6		1.23	mg/kg	02/16/23	02/17/23
Lead	19.5		0.61	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.15		1.18	mg/kg	02/16/23	02/17/23
Lead	21.1		0.59	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.74		1.24	mg/kg	02/16/23	02/17/23
Lead	228		0.62	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	12.3		1.28	mg/kg	02/16/23	02/17/23
Lead	607		0.64	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.70		1.20	mg/kg	02/16/23	02/17/23
Lead	387		0.60	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.4		1.13	mg/kg	02/16/23	02/17/23
Lead	11.4		0.56	mg/kg	02/16/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		185	ug/kg	02/17/23	02/17/23
Benzene	ND		7	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		7	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromoform	ND		7	ug/kg	02/17/23	02/17/23
Bromomethane	ND		7	ug/kg	02/17/23	02/17/23
2-Butanone	ND		166	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		7	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		7	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		7	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
Chloroethane	ND		7	ug/kg	02/17/23	02/17/23
Chloroform	ND		7	ug/kg	02/17/23	02/17/23
Chloromethane	ND		7	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		148	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		7	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		7	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		7	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		7	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		7	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		7	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-139 (Continued)**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Naphthalene</b>	<b>10</b>		7	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Styrene	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		7	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		7	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>15</b>		7	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		7	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		7	ug/kg	02/17/23	02/17/23
o-Xylene	ND		7	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		15	ug/kg	02/17/23	02/17/23
Total xylenes	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		7	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		7	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	98.2%		70-130		02/17/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	99.9%		70-130		02/17/23	02/17/23
<i>Toluene-d8</i>	94.1%		70-130		02/17/23	02/17/23



## Results: Volatile Organic Compounds

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		131	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		118	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		105	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-138 (Continued)**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>6</b>		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	99.0%		70-130		02/17/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	114%		70-130		02/17/23	02/17/23
<i>Toluene-d8</i>	99.1%		70-130		02/17/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		128	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		115	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		103	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-137 (Continued)**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>98.6%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		126	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		113	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		101	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-136 (Continued)**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		146	ug/kg	02/17/23	02/17/23
Benzene	ND		6	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromoform	ND		6	ug/kg	02/17/23	02/17/23
Bromomethane	ND		6	ug/kg	02/17/23	02/17/23
2-Butanone	ND		131	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
Chloroethane	ND		6	ug/kg	02/17/23	02/17/23
Chloroform	ND		6	ug/kg	02/17/23	02/17/23
Chloromethane	ND		6	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		117	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		6	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-135 (Continued)**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Styrene	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>8</b>		6	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/17/23	02/17/23
o-Xylene	ND		6	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		12	ug/kg	02/17/23	02/17/23
Total xylenes	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>98.8%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>



## Results: Volatile Organic Compounds

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		124	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		111	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		99	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-134 (Continued)**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>99.8%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>97.2%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Semivolatile organic compounds

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		158	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		158	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		158	ug/kg	02/21/23	02/28/23
Anthracene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Chrysene	ND		158	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		158	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		158	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Fluorene	ND		158	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		158	ug/kg	02/21/23	02/28/23
Naphthalene	ND		158	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		158	ug/kg	02/21/23	02/28/23
Pyrene	ND		158	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	77.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	93.1%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	82.4%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		147	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		147	ug/kg	02/21/23	02/28/23
Anthracene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Chrysene	ND		147	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		147	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		147	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Fluorene	ND		147	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	02/21/23	02/28/23
Naphthalene	ND		147	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		147	ug/kg	02/21/23	02/28/23
Pyrene	ND		147	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	66.5%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	78.9%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	69.6%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		151	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		151	ug/kg	02/21/23	02/28/23
Anthracene	ND		151	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>188</b>		151	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>172</b>		151	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>233</b>		151	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		151	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		151	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>191</b>		151	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		151	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		151	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>384</b>		151	ug/kg	02/21/23	02/28/23
Fluorene	ND		151	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	02/21/23	02/28/23
Naphthalene	ND		151	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>216</b>		151	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>354</b>		151	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	62.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	80.6%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	69.2%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		155	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		155	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		155	ug/kg	02/21/23	02/28/23
Anthracene	ND		155	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>190</b>		155	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>186</b>		155	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>251</b>		155	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		155	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		155	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>200</b>		155	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		155	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		155	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>414</b>		155	ug/kg	02/21/23	02/28/23
Fluorene	ND		155	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		155	ug/kg	02/21/23	02/28/23
Naphthalene	ND		155	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>233</b>		155	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>393</b>		155	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	63.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	100%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	76.8%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		146	ug/kg	02/21/23	02/28/23
Anthracene	ND		146	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>285</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>274</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>353</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(g,h,i)perylene</b>	<b>210</b>		146	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>285</b>		146	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		146	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>579</b>		146	ug/kg	02/21/23	02/28/23
Fluorene	ND		146	ug/kg	02/21/23	02/28/23
<b>Indeno(1,2,3-cd)pyrene</b>	<b>207</b>		146	ug/kg	02/21/23	02/28/23
Naphthalene	ND		146	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>251</b>		146	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>589</b>		146	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	83.2%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	114%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	92.3%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		146	ug/kg	02/21/23	02/28/23
Anthracene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Chrysene	ND		146	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		146	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Fluorene	ND		146	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/21/23	02/28/23
Naphthalene	ND		146	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		146	ug/kg	02/21/23	02/28/23
Pyrene	ND		146	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	80.3%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	96.0%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	86.7%		34-130		02/21/23	02/28/23



**Results: Total Petroleum Hydrocarbons****Sample: SW-139****Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		33	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.5%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-138****Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-137****Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>43</b>		31	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-136****Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>89.2%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-135****Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>33</b>		30	mg/kg	02/17/23	02/22/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>110%</i>		<i>50-130</i>		02/17/23	02/22/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-134****Lab Number: 3B15047-06 (Soil)**

<b>Analyte</b>	<b>Result</b>	<b>Qual</b>	<b>Reporting Limit</b>	<b>Units</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/17/23	02/22/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>105%</i>		<i>50-130</i>		02/17/23	02/22/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0711 - Metals Digestion Soils</b>										
<b>Blank (B3B0711-BLK1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3B0711-BS1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Arsenic	17.4		1.00	mg/kg	20.0		87.0	85-115		
Lead	103		0.50	mg/kg	100		103	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035</b>										
<b>Blank (B3B0839-BLK1)</b>					Prepared & Analyzed: 02/17/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0839-BLK1)</b>					Prepared & Analyzed: 02/17/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			49.7	ug/kg	50.0		99.4	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			52.5	ug/kg	50.0		105	70-130		
<i>Surrogate: Toluene-d8</i>			50.2	ug/kg	50.0		100	70-130		
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<b>LCS (B3B0839-BS1)</b>					Prepared & Analyzed: 02/17/23					
Acetone	87			ug/kg	50.0		173	60-140		
Benzene	44			ug/kg	50.0		88.4	70-130		
Bromobenzene	47			ug/kg	50.0		93.3	70-130		
Bromochloromethane	47			ug/kg	50.0		94.1	70-130		
Bromodichloromethane	45			ug/kg	50.0		89.9	70-130		
Bromoform	48			ug/kg	50.0		95.3	70-130		
Bromomethane	49			ug/kg	50.0		97.0	60-140		
2-Butanone	64			ug/kg	50.0		129	60-140		
tert-Butyl alcohol	60			ug/kg	50.0		121	70-130		
sec-Butylbenzene	46			ug/kg	50.0		92.2	70-130		
n-Butylbenzene	47			ug/kg	50.0		94.8	70-130		
tert-Butylbenzene	45			ug/kg	50.0		90.2	70-130		
Methyl t-butyl ether (MTBE)	48			ug/kg	50.0		95.8	70-130		
Carbon Disulfide	42			ug/kg	50.0		83.3	50-150		
Carbon Tetrachloride	45			ug/kg	50.0		90.8	70-130		
Chlorobenzene	43			ug/kg	50.0		85.7	70-130		
Chloroethane	44			ug/kg	50.0		88.3	60-140		
Chloroform	44			ug/kg	50.0		88.0	70-130		
Chloromethane	51			ug/kg	50.0		102	60-140		
4-Chlorotoluene	46			ug/kg	50.0		91.4	70-130		
2-Chlorotoluene	46			ug/kg	50.0		91.2	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.7	70-130		
Dibromochloromethane	47			ug/kg	50.0		94.2	70-130		
1,2-Dibromoethane (EDB)	45			ug/kg	50.0		90.5	70-130		
Dibromomethane	47			ug/kg	50.0		94.1	60-140		
1,2-Dichlorobenzene	44			ug/kg	50.0		88.6	70-130		
1,3-Dichlorobenzene	46			ug/kg	50.0		91.3	70-130		
1,4-Dichlorobenzene	43			ug/kg	50.0		86.8	70-130		
1,1-Dichloroethane	46			ug/kg	50.0		91.4	70-130		
1,2-Dichloroethane	45			ug/kg	50.0		90.0	70-130		
trans-1,2-Dichloroethene	44			ug/kg	50.0		87.0	70-130		
cis-1,2-Dichloroethene	44			ug/kg	50.0		88.0	70-130		
1,1-Dichloroethene	47			ug/kg	50.0		93.3	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		90.5	70-130		
2,2-Dichloropropane	46			ug/kg	50.0		92.5	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0839-BS1)</b>					Prepared & Analyzed: 02/17/23					
cis-1,3-Dichloropropene	45			ug/kg	50.0		90.3	70-130		
trans-1,3-Dichloropropene	45			ug/kg	50.0		90.3	70-130		
1,1-Dichloropropene	43			ug/kg	50.0		86.6	70-130		
Diethyl ether	52			ug/kg	50.0		105	60-140		
1,4-Dioxane	293			ug/kg	250		117	0-200		
Ethylbenzene	46			ug/kg	50.0		91.7	70-130		
Hexachlorobutadiene	44			ug/kg	50.0		87.1	70-130		
2-Hexanone	56			ug/kg	50.0		113	70-130		
Isopropylbenzene	45			ug/kg	50.0		90.0	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		97.0	70-130		
Methylene Chloride	43			ug/kg	50.0		86.9	60-140		
4-Methyl-2-pentanone	50			ug/kg	50.0		100	70-130		
Naphthalene	44			ug/kg	50.0		88.8	70-130		
n-Propylbenzene	46			ug/kg	50.0		92.7	70-130		
Styrene	47			ug/kg	50.0		93.1	70-130		
1,1,1,2-Tetrachloroethane	45			ug/kg	50.0		89.1	70-130		
Tetrachloroethene	46			ug/kg	50.0		92.8	70-130		
Tetrahydrofuran	54			ug/kg	50.0		107	50-150		
Toluene	54			ug/kg	50.0		108	70-130		
1,2,4-Trichlorobenzene	44			ug/kg	50.0		88.1	70-130		
1,2,3-Trichlorobenzene	44			ug/kg	50.0		87.5	70-130		
1,1,2-Trichloroethane	44			ug/kg	50.0		87.6	70-130		
1,1,1-Trichloroethane	45			ug/kg	50.0		90.2	70-130		
Trichloroethene	45			ug/kg	50.0		89.2	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		93.9	70-130		
1,3,5-Trimethylbenzene	49			ug/kg	50.0		97.8	70-130		
1,2,4-Trimethylbenzene	48			ug/kg	50.0		95.6	70-130		
Vinyl Chloride	53			ug/kg	50.0		106	60-140		
o-Xylene	44			ug/kg	50.0		88.2	70-130		
m&p-Xylene	89			ug/kg	100		88.7	70-130		
1,1,2,2-Tetrachloroethane	47			ug/kg	50.0		93.5	70-130		
tert-Amyl methyl ether	48			ug/kg	50.0		96.7	70-130		
1,3-Dichloropropane	45			ug/kg	50.0		90.6	70-130		
Ethyl tert-butyl ether	49			ug/kg	50.0		98.0	70-130		
Trichlorofluoromethane	57			ug/kg	50.0		114	70-130		
Dichlorodifluoromethane	50			ug/kg	50.0		100	60-140		
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Surrogate: 4-Bromofluorobenzene			51.2	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.6	ug/kg	50.0		99.1	70-130		
Surrogate: Toluene-d8			49.3	ug/kg	50.0		98.6	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/17/23						
<b>LCS Dup (B3B0839-BSD1)</b>											
Acetone	94			ug/kg	50.0		189	60-140	8.53	30	
Benzene	41			ug/kg	50.0		81.8	70-130	7.76	20	
Bromobenzene	44			ug/kg	50.0		88.8	70-130	5.01	20	
Bromochloromethane	44			ug/kg	50.0		88.1	70-130	6.58	20	
Bromodichloromethane	42			ug/kg	50.0		84.0	70-130	6.76	20	
Bromoform	44			ug/kg	50.0		88.7	70-130	7.15	20	
Bromomethane	53			ug/kg	50.0		107	60-140	9.71	30	
2-Butanone	64			ug/kg	50.0		128	60-140	0.639	30	
tert-Butyl alcohol	55			ug/kg	50.0		111	70-130	8.68	20	
sec-Butylbenzene	44			ug/kg	50.0		88.5	70-130	4.10	20	
n-Butylbenzene	45			ug/kg	50.0		89.9	70-130	5.37	20	
tert-Butylbenzene	43			ug/kg	50.0		85.5	70-130	5.37	20	
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		89.4	70-130	6.85	20	
Carbon Disulfide	44			ug/kg	50.0		87.1	50-150	4.46	40	
Carbon Tetrachloride	42			ug/kg	50.0		83.3	70-130	8.62	20	
Chlorobenzene	41			ug/kg	50.0		81.5	70-130	5.05	20	
Chloroethane	37			ug/kg	50.0		73.2	60-140	18.8	30	
Chloroform	41			ug/kg	50.0		82.7	70-130	6.16	20	
Chloromethane	49			ug/kg	50.0		97.1	60-140	4.55	30	
4-Chlorotoluene	44			ug/kg	50.0		88.1	70-130	3.65	20	
2-Chlorotoluene	44			ug/kg	50.0		87.9	70-130	3.64	20	
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		88.9	70-130	1.96	20	
Dibromochloromethane	43			ug/kg	50.0		85.9	70-130	9.22	20	
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		85.8	70-130	5.26	20	
Dibromomethane	44			ug/kg	50.0		88.2	60-140	6.47	30	
1,2-Dichlorobenzene	43			ug/kg	50.0		85.3	70-130	3.80	20	
1,3-Dichlorobenzene	43			ug/kg	50.0		86.8	70-130	5.12	20	
1,4-Dichlorobenzene	41			ug/kg	50.0		82.8	70-130	4.79	20	
1,1-Dichloroethane	42			ug/kg	50.0		83.1	70-130	9.52	20	
1,2-Dichloroethane	42			ug/kg	50.0		83.9	70-130	6.99	20	
trans-1,2-Dichloroethene	41			ug/kg	50.0		81.7	70-130	6.31	20	
cis-1,2-Dichloroethene	41			ug/kg	50.0		82.5	70-130	6.45	20	
1,1-Dichloroethene	45			ug/kg	50.0		90.4	70-130	3.16	20	
1,2-Dichloropropane	43			ug/kg	50.0		85.7	70-130	5.52	20	
2,2-Dichloropropane	42			ug/kg	50.0		84.9	70-130	8.48	20	
cis-1,3-Dichloropropene	42			ug/kg	50.0		84.2	70-130	6.97	20	
trans-1,3-Dichloropropene	42			ug/kg	50.0		84.5	70-130	6.68	20	
1,1-Dichloropropene	42			ug/kg	50.0		83.4	70-130	3.83	20	
Diethyl ether	49			ug/kg	50.0		98.1	60-140	6.68	30	
1,4-Dioxane	282			ug/kg	250		113	0-200	3.71	50	
Ethylbenzene	44			ug/kg	50.0		87.5	70-130	4.66	20	
Hexachlorobutadiene	42			ug/kg	50.0		83.5	70-130	4.17	20	
2-Hexanone	54			ug/kg	50.0		108	70-130	4.46	20	
Isopropylbenzene	43			ug/kg	50.0		86.8	70-130	3.57	20	
p-Isopropyltoluene	46			ug/kg	50.0		92.9	70-130	4.30	20	
Methylene Chloride	38			ug/kg	50.0		75.5	60-140	14.1	30	
4-Methyl-2-pentanone	48			ug/kg	50.0		96.0	70-130	4.20	20	
Naphthalene	43			ug/kg	50.0		86.4	70-130	2.74	20	
n-Propylbenzene	44			ug/kg	50.0		88.9	70-130	4.12	20	
Styrene	44			ug/kg	50.0		88.4	70-130	5.20	20	
1,1,1,2-Tetrachloroethane	43			ug/kg	50.0		85.4	70-130	4.24	20	
Tetrachloroethene	43			ug/kg	50.0		85.6	70-130	7.98	20	
Tetrahydrofuran	53			ug/kg	50.0		105	50-150	1.96	40	
Toluene	48			ug/kg	50.0		96.1	70-130	11.4	20	
1,2,4-Trichlorobenzene	42			ug/kg	50.0		84.7	70-130	3.91	20	
1,2,3-Trichlorobenzene	43			ug/kg	50.0		85.0	70-130	2.88	20	
1,1,2-Trichloroethane	41			ug/kg	50.0		81.7	70-130	6.07	20	

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0839-BSD1)</b>					Prepared & Analyzed: 02/17/23					
1,1,1-Trichloroethane	43			ug/kg	50.0		86.1	70-130	4.70	20
Trichloroethene	43			ug/kg	50.0		86.2	70-130	3.40	20
1,2,3-Trichloropropane	45			ug/kg	50.0		89.5	70-130	4.78	20
1,3,5-Trimethylbenzene	47			ug/kg	50.0		94.7	70-130	3.26	20
1,2,4-Trimethylbenzene	46			ug/kg	50.0		91.1	70-130	4.86	20
Vinyl Chloride	51			ug/kg	50.0		102	60-140	3.85	30
o-Xylene	42			ug/kg	50.0		84.2	70-130	4.71	20
m&p-Xylene	84			ug/kg	100		83.9	70-130	5.52	20
1,1,2,2-Tetrachloroethane	44			ug/kg	50.0		87.1	70-130	7.09	20
tert-Amyl methyl ether	45			ug/kg	50.0		90.1	70-130	7.13	20
1,3-Dichloropropane	42			ug/kg	50.0		84.3	70-130	7.18	20
Ethyl tert-butyl ether	47			ug/kg	50.0		94.1	70-130	4.08	20
Trichlorofluoromethane	55			ug/kg	50.0		111	70-130	2.69	20
Dichlorodifluoromethane	48			ug/kg	50.0		95.7	60-140	4.83	30
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Surrogate: 4-Bromofluorobenzene			51.8	ug/kg	50.0		104	70-130		
Surrogate: 1,2-Dichloroethane-d4			53.7	ug/kg	50.0		107	70-130		
Surrogate: Toluene-d8			49.9	ug/kg	50.0		99.9	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0869 - EPA 3546</b>										
<b>Blank (B3B0869-BLK1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2570	ug/kg	3310		77.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2820	ug/kg	3310		85.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2650	ug/kg	3310		80.1	34-130		
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<b>LCS (B3B0869-BS1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	2780		129	ug/kg	3310		84.0	40-140		
Acenaphthene	2700		129	ug/kg	3310		81.7	40-140		
Acenaphthylene	2650		129	ug/kg	3310		79.9	40-140		
Anthracene	2750		129	ug/kg	3310		82.9	40-140		
Benzo(a)anthracene	2920		129	ug/kg	3310		88.3	40-140		
Benzo(a)pyrene	3060		129	ug/kg	3310		92.4	40-140		
Benzo(b)fluoranthene	3150		129	ug/kg	3310		95.2	40-140		
Benzo(g,h,i)perylene	2920		129	ug/kg	3310		88.2	40-140		
Benzo(k)fluoranthene	3220		129	ug/kg	3310		97.4	40-140		
Chrysene	3270		129	ug/kg	3310		98.8	40-140		
Dibenz(a,h)anthracene	3050		129	ug/kg	3310		92.1	40-140		
Dibenzofuran	2650		129	ug/kg	3310		80.0	40-140		
Fluoranthene	2790		129	ug/kg	3310		84.2	40-140		
Fluorene	2830		129	ug/kg	3310		85.5	40-140		
Indeno(1,2,3-cd)pyrene	2890		129	ug/kg	3310		87.2	40-140		
Naphthalene	2720		129	ug/kg	3310		82.2	40-140		
Phenanthrene	2790		129	ug/kg	3310		84.4	40-140		
Pyrene	2560		129	ug/kg	3310		77.5	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2750	ug/kg	3310		82.9	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2840	ug/kg	3310		85.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2700	ug/kg	3310		81.6	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0869 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0869-BSD1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	2940		129	ug/kg	3310		88.9	40-140	5.69	30
Acenaphthene	2850		129	ug/kg	3310		86.1	40-140	5.29	30
Acenaphthylene	2730		129	ug/kg	3310		82.5	40-140	3.13	30
Anthracene	2830		129	ug/kg	3310		85.4	40-140	2.90	30
Benzo(a)anthracene	3030		129	ug/kg	3310		91.4	40-140	3.43	30
Benzo(a)pyrene	3120		129	ug/kg	3310		94.2	40-140	1.95	30
Benzo(b)fluoranthene	3220		129	ug/kg	3310		97.2	40-140	2.16	30
Benzo(g,h,i)perylene	2950		129	ug/kg	3310		89.2	40-140	1.19	30
Benzo(k)fluoranthene	3340		129	ug/kg	3310		101	40-140	3.63	30
Chrysene	2900		129	ug/kg	3310		87.7	40-140	11.9	30
Dibenz(a,h)anthracene	3060		129	ug/kg	3310		92.4	40-140	0.325	30
Dibenzofuran	2780		129	ug/kg	3310		83.9	40-140	4.76	30
Fluoranthene	2870		129	ug/kg	3310		86.7	40-140	2.92	30
Fluorene	2940		129	ug/kg	3310		88.9	40-140	3.88	30
Indeno(1,2,3-cd)pyrene	2910		129	ug/kg	3310		88.0	40-140	0.913	30
Naphthalene	2790		129	ug/kg	3310		84.2	40-140	2.40	30
Phenanthrene	2860		129	ug/kg	3310		86.4	40-140	2.32	30
Pyrene	2640		129	ug/kg	3310		79.6	40-140	2.73	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>2870</i>	<i>ug/kg</i>	<i>3310</i>		<i>86.6</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2860</i>	<i>ug/kg</i>	<i>3310</i>		<i>86.5</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2840</i>	<i>ug/kg</i>	<i>3310</i>		<i>85.8</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0734 - EPA 3546</b>										
<b>Blank (B3B0734-BLK1)</b>					Prepared: 02/16/23 Analyzed: 02/21/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			8.28	mg/kg	8.33		99.4	50-130		
<b>LCS (B3B0734-BS1)</b>					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	299		27	mg/kg				44.7-125		
<i>Surrogate: Chlorooctadecane</i>			6.37	mg/kg	8.33		76.4	50-130		
<b>LCS Dup (B3B0734-BSD1)</b>					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	514		27	mg/kg				44.7-125	52.9	200
<i>Surrogate: Chlorooctadecane</i>			9.44	mg/kg	8.33		113	50-130		
<b>Batch: B3B0786 - EPA 3546</b>										
<b>Blank (B3B0786-BLK1)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			7.98	mg/kg	8.33		95.8	50-130		
<b>Blank (B3B0786-BLK2)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
<i>Surrogate: Chlorooctadecane</i>			9.23	mg/kg	8.33		111	50-130		
<b>LCS (B3B0786-BS1)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	495		27	mg/kg	667		74.2	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			9.46	mg/kg	8.33		113	50-130		
<b>LCS (B3B0786-BS2)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	451		27	mg/kg	667		67.7	44.7-125		
<i>Surrogate: Chlorooctadecane</i>			8.13	mg/kg	8.33		97.6	50-130		

**Quality Control  
(Continued)**

**Total Petroleum Hydrocarbons (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0786 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0786-BSD1)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	379		27	mg/kg	667		56.8	44.7-125	26.5	200
<i>Surrogate: Chlorooctadecane</i>			<i>6.84</i>	mg/kg	<i>8.33</i>		<i>82.0</i>	<i>50-130</i>		
<b>LCS Dup (B3B0786-BSD2)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	432		27	mg/kg	667		64.8	44.7-125	4.38	200
<i>Surrogate: Chlorooctadecane</i>			<i>8.06</i>	mg/kg	<i>8.33</i>		<i>96.7</i>	<i>50-130</i>		



## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



3 B 1 5047 E

Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS					
Client: Pare Corporation, 8 Blackstone Valley PI, Lincoln, RI		AQUEOUS	SOIL				OTHER	TPH 8100M	VOCs 8260	PAHs 8270		Indiv. Metals - Arsenic & Lead				
Report To: abarton@parecorp.com; mflynn@parecorp.com				Invoice To: Accounting		Date:					Time:		COMP	GRAB	Sample I.D.	
2/15/23	11:09		X	SW 139	•••••		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X		
"	11:23			SW 138	•••••											
"	11:36			SW 137	•••••											
	11:43			SW 136	•••••											
	11:51			SW 135	•••••											
	12:23		⊙	SW 134	•••••											

Sampled by (Signature): <i>Cecil Burman</i>	Date / Time 2/15/23 11:12	Received by (Signature): <i>D. M. ...</i>	Date / Time 2/15/23 11:50	Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>
Relinquished by (Signature): <i>D. M. ...</i>	Date / Time 2/15/23 1:50	Received by (Signature):	Date / Time		
Relinquished by (Signature):	Date / Time	Received for Laboratory by (Signature): <i>Gyenne Terenzi</i>	Date / Time 2/15/23 1:50		

Turnaround (Business Days): Std.

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3B15047**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 01-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/15/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3B15047. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3B15047-01	SW-139	Soil	02/15/2023	02/15/2023
3B15047-02	SW-138	Soil	02/15/2023	02/15/2023
3B15047-03	SW-137	Soil	02/15/2023	02/15/2023
3B15047-04	SW-136	Soil	02/15/2023	02/15/2023
3B15047-05	SW-135	Soil	02/15/2023	02/15/2023
3B15047-06	SW-134	Soil	02/15/2023	02/15/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **SW-134 (Lab Number: 3B15047-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-135 (Lab Number: 3B15047-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-136 (Lab Number: 3B15047-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-137 (Lab Number: 3B15047-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-138 (Lab Number: 3B15047-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-139 (Lab Number: 3B15047-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

### Results: Total Metals

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	10.6		1.23	mg/kg	02/16/23	02/17/23
Lead	19.5		0.61	mg/kg	02/16/23	02/17/23



### Results: Total Metals

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.15		1.18	mg/kg	02/16/23	02/17/23
Lead	21.1		0.59	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.74		1.24	mg/kg	02/16/23	02/17/23
Lead	228		0.62	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	12.3		1.28	mg/kg	02/16/23	02/17/23
Lead	607		0.64	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.70		1.20	mg/kg	02/16/23	02/17/23
Lead	387		0.60	mg/kg	02/16/23	02/17/23

### Results: Total Metals

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.4		1.13	mg/kg	02/16/23	02/17/23
Lead	11.4		0.56	mg/kg	02/16/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		185	ug/kg	02/17/23	02/17/23
Benzene	ND		7	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		7	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		7	ug/kg	02/17/23	02/17/23
Bromoform	ND		7	ug/kg	02/17/23	02/17/23
Bromomethane	ND		7	ug/kg	02/17/23	02/17/23
2-Butanone	ND		166	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		7	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		7	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		7	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
Chloroethane	ND		7	ug/kg	02/17/23	02/17/23
Chloroform	ND		7	ug/kg	02/17/23	02/17/23
Chloromethane	ND		7	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		7	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		148	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		7	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		7	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		7	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		7	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		7	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		7	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-139 (Continued)**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Naphthalene</b>	<b>10</b>		7	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Styrene	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		7	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		7	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>15</b>		7	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		7	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		7	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		7	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		7	ug/kg	02/17/23	02/17/23
o-Xylene	ND		7	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		15	ug/kg	02/17/23	02/17/23
Total xylenes	ND		7	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		7	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		7	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		7	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		7	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		7	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	98.2%		70-130		02/17/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	99.9%		70-130		02/17/23	02/17/23
<i>Toluene-d8</i>	94.1%		70-130		02/17/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		131	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		118	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		105	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-138 (Continued)**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>6</b>		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	99.0%		70-130		02/17/23	02/17/23
<i>1,2-Dichloroethane-d4</i>	114%		70-130		02/17/23	02/17/23
<i>Toluene-d8</i>	99.1%		70-130		02/17/23	02/17/23

## Results: Volatile Organic Compounds

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		128	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		115	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		103	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-137 (Continued)**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>98.6%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		126	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		113	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		101	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-136 (Continued)**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>100%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		146	ug/kg	02/17/23	02/17/23
Benzene	ND		6	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		6	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		6	ug/kg	02/17/23	02/17/23
Bromoform	ND		6	ug/kg	02/17/23	02/17/23
Bromomethane	ND		6	ug/kg	02/17/23	02/17/23
2-Butanone	ND		131	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		6	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		6	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		6	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
Chloroethane	ND		6	ug/kg	02/17/23	02/17/23
Chloroform	ND		6	ug/kg	02/17/23	02/17/23
Chloromethane	ND		6	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		6	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		117	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		6	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		6	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		6	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		6	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		6	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		6	ug/kg	02/17/23	02/17/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-135 (Continued)**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Styrene	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		6	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		6	ug/kg	02/17/23	02/17/23
<b>Toluene</b>	<b>8</b>		6	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		6	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		6	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		6	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		6	ug/kg	02/17/23	02/17/23
o-Xylene	ND		6	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		12	ug/kg	02/17/23	02/17/23
Total xylenes	ND		6	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		6	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		6	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		6	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		6	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		6	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>101%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>110%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>98.8%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		124	ug/kg	02/17/23	02/17/23
Benzene	ND		5	ug/kg	02/17/23	02/17/23
Bromobenzene	ND		5	ug/kg	02/17/23	02/17/23
Bromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromodichloromethane	ND		5	ug/kg	02/17/23	02/17/23
Bromoform	ND		5	ug/kg	02/17/23	02/17/23
Bromomethane	ND		5	ug/kg	02/17/23	02/17/23
2-Butanone	ND		111	ug/kg	02/17/23	02/17/23
tert-Butyl alcohol	ND		5	ug/kg	02/17/23	02/17/23
sec-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
n-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
tert-Butylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/17/23	02/17/23
Carbon Disulfide	ND		5	ug/kg	02/17/23	02/17/23
Carbon Tetrachloride	ND		5	ug/kg	02/17/23	02/17/23
Chlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
Chloroethane	ND		5	ug/kg	02/17/23	02/17/23
Chloroform	ND		5	ug/kg	02/17/23	02/17/23
Chloromethane	ND		5	ug/kg	02/17/23	02/17/23
4-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
2-Chlorotoluene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/17/23	02/17/23
Dibromochloromethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/17/23	02/17/23
Dibromomethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloroethane	ND		5	ug/kg	02/17/23	02/17/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
2,2-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,1-Dichloropropene	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/17/23	02/17/23
Diethyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,4-Dioxane	ND		99	ug/kg	02/17/23	02/17/23
Ethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Hexachlorobutadiene	ND		5	ug/kg	02/17/23	02/17/23
2-Hexanone	ND		5	ug/kg	02/17/23	02/17/23
Isopropylbenzene	ND		5	ug/kg	02/17/23	02/17/23
p-Isopropyltoluene	ND		5	ug/kg	02/17/23	02/17/23
Methylene Chloride	ND		5	ug/kg	02/17/23	02/17/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/17/23	02/17/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-134 (Continued)**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/17/23	02/17/23
n-Propylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Styrene	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
Tetrachloroethene	ND		5	ug/kg	02/17/23	02/17/23
Tetrahydrofuran	ND		5	ug/kg	02/17/23	02/17/23
Toluene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/17/23	02/17/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/17/23	02/17/23
Trichloroethene	ND		5	ug/kg	02/17/23	02/17/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/17/23	02/17/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/17/23	02/17/23
Vinyl Chloride	ND		5	ug/kg	02/17/23	02/17/23
o-Xylene	ND		5	ug/kg	02/17/23	02/17/23
m&p-Xylene	ND		10	ug/kg	02/17/23	02/17/23
Total xylenes	ND		5	ug/kg	02/17/23	02/17/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/17/23	02/17/23
tert-Amyl methyl ether	ND		5	ug/kg	02/17/23	02/17/23
1,3-Dichloropropane	ND		5	ug/kg	02/17/23	02/17/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/17/23	02/17/23
Diisopropyl ether	ND		5	ug/kg	02/17/23	02/17/23
Trichlorofluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Dichlorodifluoromethane	ND		5	ug/kg	02/17/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>99.8%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>
<i>Toluene-d8</i>	<i>97.2%</i>		<i>70-130</i>		<i>02/17/23</i>	<i>02/17/23</i>

## Results: Semivolatile organic compounds

**Sample: SW-139**

**Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		158	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		158	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		158	ug/kg	02/21/23	02/28/23
Anthracene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		158	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Chrysene	ND		158	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		158	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		158	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		158	ug/kg	02/21/23	02/28/23
Fluorene	ND		158	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		158	ug/kg	02/21/23	02/28/23
Naphthalene	ND		158	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		158	ug/kg	02/21/23	02/28/23
Pyrene	ND		158	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	77.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	93.1%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	82.4%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-138**

**Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		147	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		147	ug/kg	02/21/23	02/28/23
Anthracene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		147	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Chrysene	ND		147	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		147	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		147	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		147	ug/kg	02/21/23	02/28/23
Fluorene	ND		147	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	02/21/23	02/28/23
Naphthalene	ND		147	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		147	ug/kg	02/21/23	02/28/23
Pyrene	ND		147	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	66.5%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	78.9%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	69.6%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-137**

**Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		151	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		151	ug/kg	02/21/23	02/28/23
Anthracene	ND		151	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>188</b>		151	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>172</b>		151	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>233</b>		151	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		151	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		151	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>191</b>		151	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		151	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		151	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>384</b>		151	ug/kg	02/21/23	02/28/23
Fluorene	ND		151	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	02/21/23	02/28/23
Naphthalene	ND		151	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>216</b>		151	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>354</b>		151	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	62.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	80.6%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	69.2%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-136**

**Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		155	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		155	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		155	ug/kg	02/21/23	02/28/23
Anthracene	ND		155	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>190</b>		155	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>186</b>		155	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>251</b>		155	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		155	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		155	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>200</b>		155	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		155	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		155	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>414</b>		155	ug/kg	02/21/23	02/28/23
Fluorene	ND		155	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		155	ug/kg	02/21/23	02/28/23
Naphthalene	ND		155	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>233</b>		155	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>393</b>		155	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	63.9%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	100%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	76.8%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-135**

**Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		146	ug/kg	02/21/23	02/28/23
Anthracene	ND		146	ug/kg	02/21/23	02/28/23
<b>Benzo(a)anthracene</b>	<b>285</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(a)pyrene</b>	<b>274</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(b)fluoranthene</b>	<b>353</b>		146	ug/kg	02/21/23	02/28/23
<b>Benzo(g,h,i)perylene</b>	<b>210</b>		146	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
<b>Chrysene</b>	<b>285</b>		146	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		146	ug/kg	02/21/23	02/28/23
<b>Fluoranthene</b>	<b>579</b>		146	ug/kg	02/21/23	02/28/23
Fluorene	ND		146	ug/kg	02/21/23	02/28/23
<b>Indeno(1,2,3-cd)pyrene</b>	<b>207</b>		146	ug/kg	02/21/23	02/28/23
Naphthalene	ND		146	ug/kg	02/21/23	02/28/23
<b>Phenanthrene</b>	<b>251</b>		146	ug/kg	02/21/23	02/28/23
<b>Pyrene</b>	<b>589</b>		146	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	83.2%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	114%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	92.3%		34-130		02/21/23	02/28/23

## Results: Semivolatile organic compounds

**Sample: SW-134**

**Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthene	ND		146	ug/kg	02/21/23	02/28/23
Acenaphthylene	ND		146	ug/kg	02/21/23	02/28/23
Anthracene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(a)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(a)pyrene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(b)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(g,h,i)perylene	ND		146	ug/kg	02/21/23	02/28/23
Benzo(k)fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Chrysene	ND		146	ug/kg	02/21/23	02/28/23
Dibenz(a,h)anthracene	ND		146	ug/kg	02/21/23	02/28/23
Dibenzofuran	ND		146	ug/kg	02/21/23	02/28/23
Fluoranthene	ND		146	ug/kg	02/21/23	02/28/23
Fluorene	ND		146	ug/kg	02/21/23	02/28/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	02/21/23	02/28/23
Naphthalene	ND		146	ug/kg	02/21/23	02/28/23
Phenanthrene	ND		146	ug/kg	02/21/23	02/28/23
Pyrene	ND		146	ug/kg	02/21/23	02/28/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	80.3%		30-126		02/21/23	02/28/23
<i>p-Terphenyl-d14</i>	96.0%		47-130		02/21/23	02/28/23
<i>2-Fluorobiphenyl</i>	86.7%		34-130		02/21/23	02/28/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-139****Lab Number: 3B15047-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		33	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.5%</i>		<i>50-130</i>		02/16/23	02/17/23



**Results: Total Petroleum Hydrocarbons****Sample: SW-138****Lab Number: 3B15047-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>104%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-137****Lab Number: 3B15047-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>43</b>		31	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-136****Lab Number: 3B15047-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		32	mg/kg	02/16/23	02/17/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>89.2%</i>		<i>50-130</i>		02/16/23	02/17/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-135****Lab Number: 3B15047-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>33</b>		30	mg/kg	02/17/23	02/22/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>110%</i>		<i>50-130</i>		02/17/23	02/22/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-134****Lab Number: 3B15047-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/17/23	02/22/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>105%</i>		<i>50-130</i>		02/17/23	02/22/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0711 - Metals Digestion Soils</b>										
<b>Blank (B3B0711-BLK1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3B0711-BS1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Arsenic	17.4		1.00	mg/kg	20.0		87.0	85-115		
Lead	103		0.50	mg/kg	100		103	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035</b>										
<b>Blank (B3B0839-BLK1)</b>					Prepared & Analyzed: 02/17/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>Blank (B3B0839-BLK1)</b>					Prepared & Analyzed: 02/17/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			49.7	ug/kg	50.0		99.4	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			52.5	ug/kg	50.0		105	70-130		
<i>Surrogate: Toluene-d8</i>			50.2	ug/kg	50.0		100	70-130		
<hr/>										
<b>LCS (B3B0839-BS1)</b>					Prepared & Analyzed: 02/17/23					
Acetone	87			ug/kg	50.0		173	60-140		
Benzene	44			ug/kg	50.0		88.4	70-130		
Bromobenzene	47			ug/kg	50.0		93.3	70-130		
Bromochloromethane	47			ug/kg	50.0		94.1	70-130		
Bromodichloromethane	45			ug/kg	50.0		89.9	70-130		
Bromoform	48			ug/kg	50.0		95.3	70-130		
Bromomethane	49			ug/kg	50.0		97.0	60-140		
2-Butanone	64			ug/kg	50.0		129	60-140		
tert-Butyl alcohol	60			ug/kg	50.0		121	70-130		
sec-Butylbenzene	46			ug/kg	50.0		92.2	70-130		
n-Butylbenzene	47			ug/kg	50.0		94.8	70-130		
tert-Butylbenzene	45			ug/kg	50.0		90.2	70-130		
Methyl t-butyl ether (MTBE)	48			ug/kg	50.0		95.8	70-130		
Carbon Disulfide	42			ug/kg	50.0		83.3	50-150		
Carbon Tetrachloride	45			ug/kg	50.0		90.8	70-130		
Chlorobenzene	43			ug/kg	50.0		85.7	70-130		
Chloroethane	44			ug/kg	50.0		88.3	60-140		
Chloroform	44			ug/kg	50.0		88.0	70-130		
Chloromethane	51			ug/kg	50.0		102	60-140		
4-Chlorotoluene	46			ug/kg	50.0		91.4	70-130		
2-Chlorotoluene	46			ug/kg	50.0		91.2	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.7	70-130		
Dibromochloromethane	47			ug/kg	50.0		94.2	70-130		
1,2-Dibromoethane (EDB)	45			ug/kg	50.0		90.5	70-130		
Dibromomethane	47			ug/kg	50.0		94.1	60-140		
1,2-Dichlorobenzene	44			ug/kg	50.0		88.6	70-130		
1,3-Dichlorobenzene	46			ug/kg	50.0		91.3	70-130		
1,4-Dichlorobenzene	43			ug/kg	50.0		86.8	70-130		
1,1-Dichloroethane	46			ug/kg	50.0		91.4	70-130		
1,2-Dichloroethane	45			ug/kg	50.0		90.0	70-130		
trans-1,2-Dichloroethene	44			ug/kg	50.0		87.0	70-130		
cis-1,2-Dichloroethene	44			ug/kg	50.0		88.0	70-130		
1,1-Dichloroethene	47			ug/kg	50.0		93.3	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		90.5	70-130		
2,2-Dichloropropane	46			ug/kg	50.0		92.5	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>LCS (B3B0839-BS1)</b>					Prepared & Analyzed: 02/17/23					
cis-1,3-Dichloropropene	45			ug/kg	50.0		90.3	70-130		
trans-1,3-Dichloropropene	45			ug/kg	50.0		90.3	70-130		
1,1-Dichloropropene	43			ug/kg	50.0		86.6	70-130		
Diethyl ether	52			ug/kg	50.0		105	60-140		
1,4-Dioxane	293			ug/kg	250		117	0-200		
Ethylbenzene	46			ug/kg	50.0		91.7	70-130		
Hexachlorobutadiene	44			ug/kg	50.0		87.1	70-130		
2-Hexanone	56			ug/kg	50.0		113	70-130		
Isopropylbenzene	45			ug/kg	50.0		90.0	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		97.0	70-130		
Methylene Chloride	43			ug/kg	50.0		86.9	60-140		
4-Methyl-2-pentanone	50			ug/kg	50.0		100	70-130		
Naphthalene	44			ug/kg	50.0		88.8	70-130		
n-Propylbenzene	46			ug/kg	50.0		92.7	70-130		
Styrene	47			ug/kg	50.0		93.1	70-130		
1,1,1,2-Tetrachloroethane	45			ug/kg	50.0		89.1	70-130		
Tetrachloroethene	46			ug/kg	50.0		92.8	70-130		
Tetrahydrofuran	54			ug/kg	50.0		107	50-150		
Toluene	54			ug/kg	50.0		108	70-130		
1,2,4-Trichlorobenzene	44			ug/kg	50.0		88.1	70-130		
1,2,3-Trichlorobenzene	44			ug/kg	50.0		87.5	70-130		
1,1,2-Trichloroethane	44			ug/kg	50.0		87.6	70-130		
1,1,1-Trichloroethane	45			ug/kg	50.0		90.2	70-130		
Trichloroethene	45			ug/kg	50.0		89.2	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		93.9	70-130		
1,3,5-Trimethylbenzene	49			ug/kg	50.0		97.8	70-130		
1,2,4-Trimethylbenzene	48			ug/kg	50.0		95.6	70-130		
Vinyl Chloride	53			ug/kg	50.0		106	60-140		
o-Xylene	44			ug/kg	50.0		88.2	70-130		
m&p-Xylene	89			ug/kg	100		88.7	70-130		
1,1,1,2,2-Tetrachloroethane	47			ug/kg	50.0		93.5	70-130		
tert-Amyl methyl ether	48			ug/kg	50.0		96.7	70-130		
1,3-Dichloropropane	45			ug/kg	50.0		90.6	70-130		
Ethyl tert-butyl ether	49			ug/kg	50.0		98.0	70-130		
Trichlorofluoromethane	57			ug/kg	50.0		114	70-130		
Dichlorodifluoromethane	50			ug/kg	50.0		100	60-140		
<hr/>										
Surrogate: 4-Bromofluorobenzene			51.2	ug/kg	50.0		102	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.6	ug/kg	50.0		99.1	70-130		
Surrogate: Toluene-d8			49.3	ug/kg	50.0		98.6	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/17/23					
<b>LCS Dup (B3B0839-BSD1)</b>										
Acetone	94			ug/kg	50.0		189	60-140	8.53	30
Benzene	41			ug/kg	50.0		81.8	70-130	7.76	20
Bromobenzene	44			ug/kg	50.0		88.8	70-130	5.01	20
Bromochloromethane	44			ug/kg	50.0		88.1	70-130	6.58	20
Bromodichloromethane	42			ug/kg	50.0		84.0	70-130	6.76	20
Bromoform	44			ug/kg	50.0		88.7	70-130	7.15	20
Bromomethane	53			ug/kg	50.0		107	60-140	9.71	30
2-Butanone	64			ug/kg	50.0		128	60-140	0.639	30
tert-Butyl alcohol	55			ug/kg	50.0		111	70-130	8.68	20
sec-Butylbenzene	44			ug/kg	50.0		88.5	70-130	4.10	20
n-Butylbenzene	45			ug/kg	50.0		89.9	70-130	5.37	20
tert-Butylbenzene	43			ug/kg	50.0		85.5	70-130	5.37	20
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		89.4	70-130	6.85	20
Carbon Disulfide	44			ug/kg	50.0		87.1	50-150	4.46	40
Carbon Tetrachloride	42			ug/kg	50.0		83.3	70-130	8.62	20
Chlorobenzene	41			ug/kg	50.0		81.5	70-130	5.05	20
Chloroethane	37			ug/kg	50.0		73.2	60-140	18.8	30
Chloroform	41			ug/kg	50.0		82.7	70-130	6.16	20
Chloromethane	49			ug/kg	50.0		97.1	60-140	4.55	30
4-Chlorotoluene	44			ug/kg	50.0		88.1	70-130	3.65	20
2-Chlorotoluene	44			ug/kg	50.0		87.9	70-130	3.64	20
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		88.9	70-130	1.96	20
Dibromochloromethane	43			ug/kg	50.0		85.9	70-130	9.22	20
1,2-Dibromoethane (EDB)	43			ug/kg	50.0		85.8	70-130	5.26	20
Dibromomethane	44			ug/kg	50.0		88.2	60-140	6.47	30
1,2-Dichlorobenzene	43			ug/kg	50.0		85.3	70-130	3.80	20
1,3-Dichlorobenzene	43			ug/kg	50.0		86.8	70-130	5.12	20
1,4-Dichlorobenzene	41			ug/kg	50.0		82.8	70-130	4.79	20
1,1-Dichloroethane	42			ug/kg	50.0		83.1	70-130	9.52	20
1,2-Dichloroethane	42			ug/kg	50.0		83.9	70-130	6.99	20
trans-1,2-Dichloroethene	41			ug/kg	50.0		81.7	70-130	6.31	20
cis-1,2-Dichloroethene	41			ug/kg	50.0		82.5	70-130	6.45	20
1,1-Dichloroethene	45			ug/kg	50.0		90.4	70-130	3.16	20
1,2-Dichloropropane	43			ug/kg	50.0		85.7	70-130	5.52	20
2,2-Dichloropropane	42			ug/kg	50.0		84.9	70-130	8.48	20
cis-1,3-Dichloropropene	42			ug/kg	50.0		84.2	70-130	6.97	20
trans-1,3-Dichloropropene	42			ug/kg	50.0		84.5	70-130	6.68	20
1,1-Dichloropropene	42			ug/kg	50.0		83.4	70-130	3.83	20
Diethyl ether	49			ug/kg	50.0		98.1	60-140	6.68	30
1,4-Dioxane	282			ug/kg	250		113	0-200	3.71	50
Ethylbenzene	44			ug/kg	50.0		87.5	70-130	4.66	20
Hexachlorobutadiene	42			ug/kg	50.0		83.5	70-130	4.17	20
2-Hexanone	54			ug/kg	50.0		108	70-130	4.46	20
Isopropylbenzene	43			ug/kg	50.0		86.8	70-130	3.57	20
p-Isopropyltoluene	46			ug/kg	50.0		92.9	70-130	4.30	20
Methylene Chloride	38			ug/kg	50.0		75.5	60-140	14.1	30
4-Methyl-2-pentanone	48			ug/kg	50.0		96.0	70-130	4.20	20
Naphthalene	43			ug/kg	50.0		86.4	70-130	2.74	20
n-Propylbenzene	44			ug/kg	50.0		88.9	70-130	4.12	20
Styrene	44			ug/kg	50.0		88.4	70-130	5.20	20
1,1,1,2-Tetrachloroethane	43			ug/kg	50.0		85.4	70-130	4.24	20
Tetrachloroethene	43			ug/kg	50.0		85.6	70-130	7.98	20
Tetrahydrofuran	53			ug/kg	50.0		105	50-150	1.96	40
Toluene	48			ug/kg	50.0		96.1	70-130	11.4	20
1,2,4-Trichlorobenzene	42			ug/kg	50.0		84.7	70-130	3.91	20
1,2,3-Trichlorobenzene	43			ug/kg	50.0		85.0	70-130	2.88	20
1,1,2-Trichloroethane	41			ug/kg	50.0		81.7	70-130	6.07	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0839 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B0839-BSD1)</b>					Prepared & Analyzed: 02/17/23					
1,1,1-Trichloroethane	43			ug/kg	50.0		86.1	70-130	4.70	20
Trichloroethene	43			ug/kg	50.0		86.2	70-130	3.40	20
1,2,3-Trichloropropane	45			ug/kg	50.0		89.5	70-130	4.78	20
1,3,5-Trimethylbenzene	47			ug/kg	50.0		94.7	70-130	3.26	20
1,2,4-Trimethylbenzene	46			ug/kg	50.0		91.1	70-130	4.86	20
Vinyl Chloride	51			ug/kg	50.0		102	60-140	3.85	30
o-Xylene	42			ug/kg	50.0		84.2	70-130	4.71	20
m&p-Xylene	84			ug/kg	100		83.9	70-130	5.52	20
1,1,2,2-Tetrachloroethane	44			ug/kg	50.0		87.1	70-130	7.09	20
tert-Amyl methyl ether	45			ug/kg	50.0		90.1	70-130	7.13	20
1,3-Dichloropropane	42			ug/kg	50.0		84.3	70-130	7.18	20
Ethyl tert-butyl ether	47			ug/kg	50.0		94.1	70-130	4.08	20
Trichlorofluoromethane	55			ug/kg	50.0		111	70-130	2.69	20
Dichlorodifluoromethane	48			ug/kg	50.0		95.7	60-140	4.83	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>51.8</i>	<i>ug/kg</i>	<i>50.0</i>		<i>104</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>53.7</i>	<i>ug/kg</i>	<i>50.0</i>		<i>107</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>99.9</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0869 - EPA 3546</b>										
<b>Blank (B3B0869-BLK1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			2570	ug/kg	3310		77.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2820	ug/kg	3310		85.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2650	ug/kg	3310		80.1	34-130		
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<b>LCS (B3B0869-BS1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	2780		129	ug/kg	3310		84.0	40-140		
Acenaphthene	2700		129	ug/kg	3310		81.7	40-140		
Acenaphthylene	2650		129	ug/kg	3310		79.9	40-140		
Anthracene	2750		129	ug/kg	3310		82.9	40-140		
Benzo(a)anthracene	2920		129	ug/kg	3310		88.3	40-140		
Benzo(a)pyrene	3060		129	ug/kg	3310		92.4	40-140		
Benzo(b)fluoranthene	3150		129	ug/kg	3310		95.2	40-140		
Benzo(g,h,i)perylene	2920		129	ug/kg	3310		88.2	40-140		
Benzo(k)fluoranthene	3220		129	ug/kg	3310		97.4	40-140		
Chrysene	3270		129	ug/kg	3310		98.8	40-140		
Dibenz(a,h)anthracene	3050		129	ug/kg	3310		92.1	40-140		
Dibenzofuran	2650		129	ug/kg	3310		80.0	40-140		
Fluoranthene	2790		129	ug/kg	3310		84.2	40-140		
Fluorene	2830		129	ug/kg	3310		85.5	40-140		
Indeno(1,2,3-cd)pyrene	2890		129	ug/kg	3310		87.2	40-140		
Naphthalene	2720		129	ug/kg	3310		82.2	40-140		
Phenanthrene	2790		129	ug/kg	3310		84.4	40-140		
Pyrene	2560		129	ug/kg	3310		77.5	40-140		
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<i>Surrogate: Nitrobenzene-d5</i>			2750	ug/kg	3310		82.9	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2840	ug/kg	3310		85.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2700	ug/kg	3310		81.6	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0869 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0869-BSD1)</b>										
					Prepared: 02/21/23 Analyzed: 02/28/23					
2-Methylnaphthalene	2940		129	ug/kg	3310		88.9	40-140	5.69	30
Acenaphthene	2850		129	ug/kg	3310		86.1	40-140	5.29	30
Acenaphthylene	2730		129	ug/kg	3310		82.5	40-140	3.13	30
Anthracene	2830		129	ug/kg	3310		85.4	40-140	2.90	30
Benzo(a)anthracene	3030		129	ug/kg	3310		91.4	40-140	3.43	30
Benzo(a)pyrene	3120		129	ug/kg	3310		94.2	40-140	1.95	30
Benzo(b)fluoranthene	3220		129	ug/kg	3310		97.2	40-140	2.16	30
Benzo(g,h,i)perylene	2950		129	ug/kg	3310		89.2	40-140	1.19	30
Benzo(k)fluoranthene	3340		129	ug/kg	3310		101	40-140	3.63	30
Chrysene	2900		129	ug/kg	3310		87.7	40-140	11.9	30
Dibenz(a,h)anthracene	3060		129	ug/kg	3310		92.4	40-140	0.325	30
Dibenzofuran	2780		129	ug/kg	3310		83.9	40-140	4.76	30
Fluoranthene	2870		129	ug/kg	3310		86.7	40-140	2.92	30
Fluorene	2940		129	ug/kg	3310		88.9	40-140	3.88	30
Indeno(1,2,3-cd)pyrene	2910		129	ug/kg	3310		88.0	40-140	0.913	30
Naphthalene	2790		129	ug/kg	3310		84.2	40-140	2.40	30
Phenanthrene	2860		129	ug/kg	3310		86.4	40-140	2.32	30
Pyrene	2640		129	ug/kg	3310		79.6	40-140	2.73	30
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<i>Surrogate: Nitrobenzene-d5</i>			<i>2870</i>	<i>ug/kg</i>	<i>3310</i>		<i>86.6</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2860</i>	<i>ug/kg</i>	<i>3310</i>		<i>86.5</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2840</i>	<i>ug/kg</i>	<i>3310</i>		<i>85.8</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0734 - EPA 3546</b>										
<b>Blank (B3B0734-BLK1)</b>										
					Prepared: 02/16/23 Analyzed: 02/21/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			8.28	mg/kg	8.33		99.4	50-130		
<b>LCS (B3B0734-BS1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	299		27	mg/kg				44.7-125		
-----										
Surrogate: Chlorooctadecane			6.37	mg/kg	8.33		76.4	50-130		
<b>LCS Dup (B3B0734-BSD1)</b>										
					Prepared: 02/16/23 Analyzed: 02/17/23					
Total Petroleum Hydrocarbons	514		27	mg/kg				44.7-125	52.9	200
-----										
Surrogate: Chlorooctadecane			9.44	mg/kg	8.33		113	50-130		
<b>Batch: B3B0786 - EPA 3546</b>										
<b>Blank (B3B0786-BLK1)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			7.98	mg/kg	8.33		95.8	50-130		
<b>Blank (B3B0786-BLK2)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			9.23	mg/kg	8.33		111	50-130		
<b>LCS (B3B0786-BS1)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	495		27	mg/kg	667		74.2	44.7-125		
-----										
Surrogate: Chlorooctadecane			9.46	mg/kg	8.33		113	50-130		
<b>LCS (B3B0786-BS2)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	451		27	mg/kg	667		67.7	44.7-125		
-----										
Surrogate: Chlorooctadecane			8.13	mg/kg	8.33		97.6	50-130		

**Quality Control  
(Continued)**

**Total Petroleum Hydrocarbons (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0786 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B0786-BSD1)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	379		27	mg/kg	667		56.8	44.7-125	26.5	200
<i>Surrogate: Chlorooctadecane</i>			6.84	mg/kg	8.33		82.0	50-130		
<b>LCS Dup (B3B0786-BSD2)</b>					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	432		27	mg/kg	667		64.8	44.7-125	4.38	200
<i>Surrogate: Chlorooctadecane</i>			8.06	mg/kg	8.33		96.7	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.





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Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS					
Client: Pare Corporation, 8 Blackstone Valley PI, Lincoln, RI		AQUEOUS	SOIL				OTHER	TPH 8100M	VOCs 8260	PAHs 8270		Indiv. Metals - Arsenic & Lead				
Report To: abarton@parecorp.com; mflynn@parecorp.com				Invoice To: Accounting		Date:					Time:		COMP	GRAB	Sample I.D.	
2/15/23	11:09		X	SW 139	•••••		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X		
"	11:23			SW 138	•••••											
"	11:36			SW 137	•••••											
	11:43			SW 136	•••••											
	11:51			SW 135	•••••											
	12:23		⊙	SW 134	•••••											

Sampled by (Signature): <i>Cecil Burman</i>	Date / Time 2/15/23 11:12	Received by (Signature): <i>[Signature]</i>	Date / Time 2/15/23 11:50	Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>
Relinquished by (Signature): <i>[Signature]</i>	Date / Time 2/15/23 1:50	Received by (Signature):	Date / Time		
Relinquished by (Signature):	Date / Time	Received for Laboratory by (Signature): <i>Gyenne Terenzi</i>	Date / Time 2/15/23 1:50		

Turnaround (Business Days): Std.

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3B17036**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 02-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 02/17/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3B17036. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3B17036-01	BOT-106	Soil	02/17/2023	02/17/2023
3B17036-02	BOT-112	Soil	02/17/2023	02/17/2023
3B17036-03	BOT-117	Soil	02/17/2023	02/17/2023
3B17036-04	BOT-105	Soil	02/17/2023	02/17/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-105 (Lab Number: 3B17036-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-106 (Lab Number: 3B17036-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-112 (Lab Number: 3B17036-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **BOT-117 (Lab Number: 3B17036-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

### Results: Total Metals

**Sample: BOT-106**

**Lab Number: 3B17036-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.44		1.18	mg/kg	02/21/23	02/24/23
Lead	9.85		0.59	mg/kg	02/21/23	02/24/23

### Results: Total Metals

**Sample: BOT-112**

**Lab Number: 3B17036-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.30		1.14	mg/kg	02/21/23	02/24/23
Lead	9.34		0.57	mg/kg	02/21/23	02/24/23

### Results: Total Metals

**Sample: BOT-117**

**Lab Number: 3B17036-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.76		1.17	mg/kg	02/21/23	02/24/23
Lead	10.1		0.59	mg/kg	02/21/23	02/24/23



### Results: Total Metals

**Sample: BOT-105**

**Lab Number: 3B17036-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.40		1.19	mg/kg	02/21/23	02/24/23
Lead	9.05		0.59	mg/kg	02/21/23	02/24/23

## Results: Volatile Organic Compounds

**Sample: BOT-106**

**Lab Number: 3B17036-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		173	ug/kg	02/23/23	02/23/23
Benzene	ND		5	ug/kg	02/23/23	02/23/23
Bromobenzene	ND		5	ug/kg	02/23/23	02/23/23
Bromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromodichloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromoform	ND		5	ug/kg	02/23/23	02/23/23
Bromomethane	ND		5	ug/kg	02/23/23	02/23/23
2-Butanone	ND		10	ug/kg	02/23/23	02/23/23
tert-Butyl alcohol	ND		5	ug/kg	02/23/23	02/23/23
sec-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
n-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
tert-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/23/23	02/23/23
Carbon Disulfide	ND		5	ug/kg	02/23/23	02/23/23
Carbon Tetrachloride	ND		5	ug/kg	02/23/23	02/23/23
Chlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
Chloroethane	ND		5	ug/kg	02/23/23	02/23/23
Chloroform	ND		5	ug/kg	02/23/23	02/23/23
Chloromethane	ND		5	ug/kg	02/23/23	02/23/23
4-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
2-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/23/23	02/23/23
Dibromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/23/23	02/23/23
Dibromomethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
2,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/23/23	02/23/23
Diethyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dioxane	ND		94	ug/kg	02/23/23	02/23/23
Ethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Hexachlorobutadiene	ND		5	ug/kg	02/23/23	02/23/23
2-Hexanone	ND		5	ug/kg	02/23/23	02/23/23
Isopropylbenzene	ND		5	ug/kg	02/23/23	02/23/23
p-Isopropyltoluene	ND		5	ug/kg	02/23/23	02/23/23
Methylene Chloride	ND		16	ug/kg	02/23/23	02/23/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/23/23	02/23/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-106 (Continued)**

**Lab Number: 3B17036-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/23/23	02/23/23
n-Propylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Styrene	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
Tetrachloroethene	ND		5	ug/kg	02/23/23	02/23/23
Tetrahydrofuran	ND		5	ug/kg	02/23/23	02/23/23
Toluene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
Trichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/23/23	02/23/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Vinyl Chloride	ND		5	ug/kg	02/23/23	02/23/23
o-Xylene	ND		5	ug/kg	02/23/23	02/23/23
m&p-Xylene	ND		9	ug/kg	02/23/23	02/23/23
Total xylenes	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
tert-Amyl methyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/23/23	02/23/23
Diisopropyl ether	ND		5	ug/kg	02/23/23	02/23/23
Trichlorofluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Dichlorodifluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>93.4%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>Toluene-d8</i>	<i>98.9%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-112**

**Lab Number: 3B17036-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		191	ug/kg	02/23/23	02/23/23
Benzene	ND		5	ug/kg	02/23/23	02/23/23
Bromobenzene	ND		5	ug/kg	02/23/23	02/23/23
Bromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromodichloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromoform	ND		5	ug/kg	02/23/23	02/23/23
Bromomethane	ND		5	ug/kg	02/23/23	02/23/23
2-Butanone	ND		12	ug/kg	02/23/23	02/23/23
tert-Butyl alcohol	ND		5	ug/kg	02/23/23	02/23/23
sec-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
n-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
tert-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/23/23	02/23/23
Carbon Disulfide	ND		5	ug/kg	02/23/23	02/23/23
Carbon Tetrachloride	ND		5	ug/kg	02/23/23	02/23/23
Chlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
Chloroethane	ND		5	ug/kg	02/23/23	02/23/23
Chloroform	ND		5	ug/kg	02/23/23	02/23/23
Chloromethane	ND		5	ug/kg	02/23/23	02/23/23
4-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
2-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/23/23	02/23/23
Dibromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/23/23	02/23/23
Dibromomethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
2,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/23/23	02/23/23
Diethyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dioxane	ND		105	ug/kg	02/23/23	02/23/23
Ethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Hexachlorobutadiene	ND		5	ug/kg	02/23/23	02/23/23
2-Hexanone	ND		5	ug/kg	02/23/23	02/23/23
Isopropylbenzene	ND		5	ug/kg	02/23/23	02/23/23
p-Isopropyltoluene	ND		5	ug/kg	02/23/23	02/23/23
Methylene Chloride	ND		18	ug/kg	02/23/23	02/23/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/23/23	02/23/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-112 (Continued)**

**Lab Number: 3B17036-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/23/23	02/23/23
n-Propylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Styrene	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
Tetrachloroethene	ND		5	ug/kg	02/23/23	02/23/23
Tetrahydrofuran	ND		5	ug/kg	02/23/23	02/23/23
Toluene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
Trichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/23/23	02/23/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Vinyl Chloride	ND		5	ug/kg	02/23/23	02/23/23
o-Xylene	ND		5	ug/kg	02/23/23	02/23/23
m&p-Xylene	ND		10	ug/kg	02/23/23	02/23/23
Total xylenes	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
tert-Amyl methyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/23/23	02/23/23
Diisopropyl ether	ND		5	ug/kg	02/23/23	02/23/23
Trichlorofluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Dichlorodifluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>Toluene-d8</i>	<i>92.6%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-117**

**Lab Number: 3B17036-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		244	ug/kg	02/23/23	02/23/23
Benzene	ND		7	ug/kg	02/23/23	02/23/23
Bromobenzene	ND		7	ug/kg	02/23/23	02/23/23
Bromochloromethane	ND		7	ug/kg	02/23/23	02/23/23
Bromodichloromethane	ND		7	ug/kg	02/23/23	02/23/23
Bromoform	ND		7	ug/kg	02/23/23	02/23/23
Bromomethane	ND		7	ug/kg	02/23/23	02/23/23
2-Butanone	ND		15	ug/kg	02/23/23	02/23/23
tert-Butyl alcohol	ND		7	ug/kg	02/23/23	02/23/23
sec-Butylbenzene	ND		7	ug/kg	02/23/23	02/23/23
n-Butylbenzene	ND		7	ug/kg	02/23/23	02/23/23
tert-Butylbenzene	ND		7	ug/kg	02/23/23	02/23/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	02/23/23	02/23/23
Carbon Disulfide	ND		7	ug/kg	02/23/23	02/23/23
Carbon Tetrachloride	ND		7	ug/kg	02/23/23	02/23/23
Chlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
Chloroethane	ND		7	ug/kg	02/23/23	02/23/23
Chloroform	ND		7	ug/kg	02/23/23	02/23/23
Chloromethane	ND		7	ug/kg	02/23/23	02/23/23
4-Chlorotoluene	ND		7	ug/kg	02/23/23	02/23/23
2-Chlorotoluene	ND		7	ug/kg	02/23/23	02/23/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	02/23/23	02/23/23
Dibromochloromethane	ND		7	ug/kg	02/23/23	02/23/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	02/23/23	02/23/23
Dibromomethane	ND		7	ug/kg	02/23/23	02/23/23
1,2-Dichlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
1,3-Dichlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
1,4-Dichlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
1,1-Dichloroethane	ND		7	ug/kg	02/23/23	02/23/23
1,2-Dichloroethane	ND		7	ug/kg	02/23/23	02/23/23
trans-1,2-Dichloroethene	ND		7	ug/kg	02/23/23	02/23/23
cis-1,2-Dichloroethene	ND		7	ug/kg	02/23/23	02/23/23
1,1-Dichloroethene	ND		7	ug/kg	02/23/23	02/23/23
1,2-Dichloropropane	ND		7	ug/kg	02/23/23	02/23/23
2,2-Dichloropropane	ND		7	ug/kg	02/23/23	02/23/23
cis-1,3-Dichloropropene	ND		7	ug/kg	02/23/23	02/23/23
trans-1,3-Dichloropropene	ND		7	ug/kg	02/23/23	02/23/23
1,1-Dichloropropene	ND		7	ug/kg	02/23/23	02/23/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	02/23/23	02/23/23
Diethyl ether	ND		7	ug/kg	02/23/23	02/23/23
1,4-Dioxane	ND		133	ug/kg	02/23/23	02/23/23
Ethylbenzene	ND		7	ug/kg	02/23/23	02/23/23
Hexachlorobutadiene	ND		7	ug/kg	02/23/23	02/23/23
2-Hexanone	ND		7	ug/kg	02/23/23	02/23/23
Isopropylbenzene	ND		7	ug/kg	02/23/23	02/23/23
p-Isopropyltoluene	ND		7	ug/kg	02/23/23	02/23/23
Methylene Chloride	ND		23	ug/kg	02/23/23	02/23/23
4-Methyl-2-pentanone	ND		7	ug/kg	02/23/23	02/23/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-117 (Continued)**

**Lab Number: 3B17036-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	02/23/23	02/23/23
n-Propylbenzene	ND		7	ug/kg	02/23/23	02/23/23
Styrene	ND		7	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/23/23	02/23/23
Tetrachloroethene	ND		7	ug/kg	02/23/23	02/23/23
Tetrahydrofuran	ND		7	ug/kg	02/23/23	02/23/23
Toluene	ND		7	ug/kg	02/23/23	02/23/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	02/23/23	02/23/23
1,1,2-Trichloroethane	ND		7	ug/kg	02/23/23	02/23/23
1,1,1-Trichloroethane	ND		7	ug/kg	02/23/23	02/23/23
Trichloroethene	ND		7	ug/kg	02/23/23	02/23/23
1,2,3-Trichloropropane	ND		7	ug/kg	02/23/23	02/23/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	02/23/23	02/23/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	02/23/23	02/23/23
Vinyl Chloride	ND		7	ug/kg	02/23/23	02/23/23
o-Xylene	ND		7	ug/kg	02/23/23	02/23/23
m&p-Xylene	ND		13	ug/kg	02/23/23	02/23/23
Total xylenes	ND		7	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	02/23/23	02/23/23
tert-Amyl methyl ether	ND		7	ug/kg	02/23/23	02/23/23
1,3-Dichloropropane	ND		7	ug/kg	02/23/23	02/23/23
Ethyl tert-butyl ether	ND		7	ug/kg	02/23/23	02/23/23
Diisopropyl ether	ND		7	ug/kg	02/23/23	02/23/23
Trichlorofluoromethane	ND		7	ug/kg	02/23/23	02/23/23
Dichlorodifluoromethane	ND		7	ug/kg	02/23/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>97.1%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>120%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>Toluene-d8</i>	<i>99.3%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>

## Results: Volatile Organic Compounds

**Sample: BOT-105**

**Lab Number: 3B17036-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		190	ug/kg	02/23/23	02/23/23
Benzene	ND		5	ug/kg	02/23/23	02/23/23
Bromobenzene	ND		5	ug/kg	02/23/23	02/23/23
Bromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromodichloromethane	ND		5	ug/kg	02/23/23	02/23/23
Bromoform	ND		5	ug/kg	02/23/23	02/23/23
Bromomethane	ND		5	ug/kg	02/23/23	02/23/23
2-Butanone	ND		11	ug/kg	02/23/23	02/23/23
tert-Butyl alcohol	ND		5	ug/kg	02/23/23	02/23/23
sec-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
n-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
tert-Butylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	02/23/23	02/23/23
Carbon Disulfide	ND		5	ug/kg	02/23/23	02/23/23
Carbon Tetrachloride	ND		5	ug/kg	02/23/23	02/23/23
Chlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
Chloroethane	ND		5	ug/kg	02/23/23	02/23/23
Chloroform	ND		5	ug/kg	02/23/23	02/23/23
Chloromethane	ND		5	ug/kg	02/23/23	02/23/23
4-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
2-Chlorotoluene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	02/23/23	02/23/23
Dibromochloromethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	02/23/23	02/23/23
Dibromomethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloroethane	ND		5	ug/kg	02/23/23	02/23/23
trans-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
cis-1,2-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
2,2-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
cis-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
trans-1,3-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,1-Dichloropropene	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	02/23/23	02/23/23
Diethyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,4-Dioxane	ND		104	ug/kg	02/23/23	02/23/23
Ethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Hexachlorobutadiene	ND		5	ug/kg	02/23/23	02/23/23
2-Hexanone	ND		5	ug/kg	02/23/23	02/23/23
Isopropylbenzene	ND		5	ug/kg	02/23/23	02/23/23
p-Isopropyltoluene	ND		5	ug/kg	02/23/23	02/23/23
Methylene Chloride	ND		18	ug/kg	02/23/23	02/23/23
4-Methyl-2-pentanone	ND		5	ug/kg	02/23/23	02/23/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-105 (Continued)**

**Lab Number: 3B17036-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	02/23/23	02/23/23
n-Propylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Styrene	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
Tetrachloroethene	ND		5	ug/kg	02/23/23	02/23/23
Tetrahydrofuran	ND		5	ug/kg	02/23/23	02/23/23
Toluene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	02/23/23	02/23/23
1,1,2-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
1,1,1-Trichloroethane	ND		5	ug/kg	02/23/23	02/23/23
Trichloroethene	ND		5	ug/kg	02/23/23	02/23/23
1,2,3-Trichloropropane	ND		5	ug/kg	02/23/23	02/23/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	02/23/23	02/23/23
Vinyl Chloride	ND		5	ug/kg	02/23/23	02/23/23
o-Xylene	ND		5	ug/kg	02/23/23	02/23/23
m&p-Xylene	ND		10	ug/kg	02/23/23	02/23/23
Total xylenes	ND		5	ug/kg	02/23/23	02/23/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	02/23/23	02/23/23
tert-Amyl methyl ether	ND		5	ug/kg	02/23/23	02/23/23
1,3-Dichloropropane	ND		5	ug/kg	02/23/23	02/23/23
Ethyl tert-butyl ether	ND		5	ug/kg	02/23/23	02/23/23
Diisopropyl ether	ND		5	ug/kg	02/23/23	02/23/23
Trichlorofluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Dichlorodifluoromethane	ND		5	ug/kg	02/23/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>86.4%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>91.3%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>
<i>Toluene-d8</i>	<i>92.4%</i>		<i>70-130</i>		<i>02/23/23</i>	<i>02/23/23</i>

## Results: Semivolatile organic compounds

**Sample: BOT-106**

**Lab Number: 3B17036-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthylene	ND		144	ug/kg	02/24/23	03/01/23
Anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(b)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(g,h,i)perylene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(k)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Chrysene	ND		144	ug/kg	02/24/23	03/01/23
Dibenz(a,h)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Dibenzofuran	ND		144	ug/kg	02/24/23	03/01/23
Fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Fluorene	ND		144	ug/kg	02/24/23	03/01/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Naphthalene	ND		144	ug/kg	02/24/23	03/01/23
Phenanthrene	ND		144	ug/kg	02/24/23	03/01/23
Pyrene	ND		144	ug/kg	02/24/23	03/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	67.6%		30-126		02/24/23	03/01/23
<i>p-Terphenyl-d14</i>	102%		47-130		02/24/23	03/01/23
<i>2-Fluorobiphenyl</i>	74.8%		34-130		02/24/23	03/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-112**

**Lab Number: 3B17036-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthylene	ND		144	ug/kg	02/24/23	03/01/23
Anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(b)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(g,h,i)perylene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(k)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Chrysene	ND		144	ug/kg	02/24/23	03/01/23
Dibenz(a,h)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Dibenzofuran	ND		144	ug/kg	02/24/23	03/01/23
Fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Fluorene	ND		144	ug/kg	02/24/23	03/01/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Naphthalene	ND		144	ug/kg	02/24/23	03/01/23
Phenanthrene	ND		144	ug/kg	02/24/23	03/01/23
Pyrene	ND		144	ug/kg	02/24/23	03/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	46.6%		30-126		02/24/23	03/01/23
<i>p-Terphenyl-d14</i>	79.7%		47-130		02/24/23	03/01/23
<i>2-Fluorobiphenyl</i>	53.3%		34-130		02/24/23	03/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-117**

**Lab Number: 3B17036-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthene	ND		144	ug/kg	02/24/23	03/01/23
Acenaphthylene	ND		144	ug/kg	02/24/23	03/01/23
Anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(a)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(b)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(g,h,i)perylene	ND		144	ug/kg	02/24/23	03/01/23
Benzo(k)fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Chrysene	ND		144	ug/kg	02/24/23	03/01/23
Dibenz(a,h)anthracene	ND		144	ug/kg	02/24/23	03/01/23
Dibenzofuran	ND		144	ug/kg	02/24/23	03/01/23
Fluoranthene	ND		144	ug/kg	02/24/23	03/01/23
Fluorene	ND		144	ug/kg	02/24/23	03/01/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	02/24/23	03/01/23
Naphthalene	ND		144	ug/kg	02/24/23	03/01/23
Phenanthrene	ND		144	ug/kg	02/24/23	03/01/23
Pyrene	ND		144	ug/kg	02/24/23	03/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	59.4%		30-126		02/24/23	03/01/23
<i>p-Terphenyl-d14</i>	100%		47-130		02/24/23	03/01/23
<i>2-Fluorobiphenyl</i>	68.2%		34-130		02/24/23	03/01/23

## Results: Semivolatile organic compounds

**Sample: BOT-105**

**Lab Number: 3B17036-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	02/24/23	03/01/23
Acenaphthene	ND		147	ug/kg	02/24/23	03/01/23
Acenaphthylene	ND		147	ug/kg	02/24/23	03/01/23
Anthracene	ND		147	ug/kg	02/24/23	03/01/23
Benzo(a)anthracene	ND		147	ug/kg	02/24/23	03/01/23
Benzo(a)pyrene	ND		147	ug/kg	02/24/23	03/01/23
Benzo(b)fluoranthene	ND		147	ug/kg	02/24/23	03/01/23
Benzo(g,h,i)perylene	ND		147	ug/kg	02/24/23	03/01/23
Benzo(k)fluoranthene	ND		147	ug/kg	02/24/23	03/01/23
Chrysene	ND		147	ug/kg	02/24/23	03/01/23
Dibenz(a,h)anthracene	ND		147	ug/kg	02/24/23	03/01/23
Dibenzofuran	ND		147	ug/kg	02/24/23	03/01/23
Fluoranthene	ND		147	ug/kg	02/24/23	03/01/23
Fluorene	ND		147	ug/kg	02/24/23	03/01/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	02/24/23	03/01/23
Naphthalene	ND		147	ug/kg	02/24/23	03/01/23
Phenanthrene	ND		147	ug/kg	02/24/23	03/01/23
Pyrene	ND		147	ug/kg	02/24/23	03/01/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	48.3%		30-126		02/24/23	03/01/23
<i>p-Terphenyl-d14</i>	76.6%		47-130		02/24/23	03/01/23
<i>2-Fluorobiphenyl</i>	53.6%		34-130		02/24/23	03/01/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-106****Lab Number: 3B17036-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/17/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		02/17/23	02/23/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-112****Lab Number: 3B17036-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	02/17/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>109%</i>		<i>50-130</i>		02/17/23	02/23/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-117****Lab Number: 3B17036-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	02/17/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>108%</i>		<i>50-130</i>		02/17/23	02/23/23



**Results: Total Petroleum Hydrocarbons****Sample: BOT-105****Lab Number: 3B17036-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	02/17/23	02/23/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>97.2%</i>		<i>50-130</i>		02/17/23	02/23/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0854 - Metals Digestion Soils</b>										
<b>Blank (B3B0854-BLK1)</b>					Prepared & Analyzed: 02/21/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3B0854-BS1)</b>					Prepared & Analyzed: 02/21/23					
Arsenic	19.3		1.00	mg/kg	20.0		96.4	85-115		
Lead	111		0.50	mg/kg	100		111	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1031 - EPA 5035</b>										
<b>Blank (B3B1031-BLK1)</b>					Prepared & Analyzed: 02/23/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	8		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1031 - EPA 5035 (Continued)</b>										
<b>Blank (B3B1031-BLK1)</b>					Prepared & Analyzed: 02/23/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>95.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>58.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>117</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.5</i>	<i>ug/kg</i>	<i>50.0</i>		<i>99.0</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3B1031-BS1)</b>					Prepared & Analyzed: 02/23/23					
Acetone	99			ug/kg	50.0		197	60-140		
Benzene	46			ug/kg	50.0		92.5	70-130		
Bromobenzene	48			ug/kg	50.0		96.5	70-130		
Bromochloromethane	48			ug/kg	50.0		96.4	70-130		
Bromodichloromethane	46			ug/kg	50.0		92.4	70-130		
Bromoform	46			ug/kg	50.0		93.0	70-130		
Bromomethane	47			ug/kg	50.0		94.7	60-140		
2-Butanone	80			ug/kg	50.0		161	60-140		
tert-Butyl alcohol	57			ug/kg	50.0		115	70-130		
sec-Butylbenzene	47			ug/kg	50.0		94.6	70-130		
n-Butylbenzene	51			ug/kg	50.0		103	70-130		
tert-Butylbenzene	46			ug/kg	50.0		92.8	70-130		
Methyl t-butyl ether (MTBE)	50			ug/kg	50.0		99.5	70-130		
Carbon Disulfide	43			ug/kg	50.0		85.8	50-150		
Carbon Tetrachloride	45			ug/kg	50.0		89.6	70-130		
Chlorobenzene	44			ug/kg	50.0		88.0	70-130		
Chloroethane	32			ug/kg	50.0		64.3	60-140		
Chloroform	45			ug/kg	50.0		89.7	70-130		
Chloromethane	47			ug/kg	50.0		94.7	60-140		
4-Chlorotoluene	46			ug/kg	50.0		92.7	70-130		
2-Chlorotoluene	46			ug/kg	50.0		92.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		87.9	70-130		
Dibromochloromethane	46			ug/kg	50.0		92.3	70-130		
1,2-Dibromoethane (EDB)	46			ug/kg	50.0		92.6	70-130		
Dibromomethane	46			ug/kg	50.0		92.9	60-140		
1,2-Dichlorobenzene	48			ug/kg	50.0		96.4	70-130		
1,3-Dichlorobenzene	46			ug/kg	50.0		92.0	70-130		
1,4-Dichlorobenzene	47			ug/kg	50.0		94.0	70-130		
1,1-Dichloroethane	46			ug/kg	50.0		92.1	70-130		
1,2-Dichloroethane	44			ug/kg	50.0		88.6	70-130		
trans-1,2-Dichloroethene	46			ug/kg	50.0		91.7	70-130		
cis-1,2-Dichloroethene	47			ug/kg	50.0		93.5	70-130		
1,1-Dichloroethene	46			ug/kg	50.0		91.7	70-130		
1,2-Dichloropropane	47			ug/kg	50.0		93.6	70-130		
2,2-Dichloropropane	45			ug/kg	50.0		90.8	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1031 - EPA 5035 (Continued)</b>										
<b>LCS (B3B1031-BS1)</b>					Prepared & Analyzed: 02/23/23					
cis-1,3-Dichloropropene	47			ug/kg	50.0		93.2	70-130		
trans-1,3-Dichloropropene	46			ug/kg	50.0		91.4	70-130		
1,1-Dichloropropene	45			ug/kg	50.0		90.6	70-130		
Diethyl ether	54			ug/kg	50.0		109	60-140		
1,4-Dioxane	241			ug/kg	250		96.5	0-200		
Ethylbenzene	47			ug/kg	50.0		95.0	70-130		
Hexachlorobutadiene	48			ug/kg	50.0		95.4	70-130		
2-Hexanone	57			ug/kg	50.0		113	70-130		
Isopropylbenzene	47			ug/kg	50.0		94.1	70-130		
p-Isopropyltoluene	49			ug/kg	50.0		98.7	70-130		
Methylene Chloride	50			ug/kg	50.0		101	60-140		
4-Methyl-2-pentanone	48			ug/kg	50.0		95.1	70-130		
Naphthalene	46			ug/kg	50.0		92.7	70-130		
n-Propylbenzene	48			ug/kg	50.0		96.6	70-130		
Styrene	49			ug/kg	50.0		97.3	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.8	70-130		
Tetrachloroethene	46			ug/kg	50.0		92.3	70-130		
Tetrahydrofuran	51			ug/kg	50.0		101	50-150		
Toluene	47			ug/kg	50.0		94.0	70-130		
1,2,4-Trichlorobenzene	48			ug/kg	50.0		95.1	70-130		
1,2,3-Trichlorobenzene	47			ug/kg	50.0		93.6	70-130		
1,1,2-Trichloroethane	45			ug/kg	50.0		90.6	70-130		
1,1,1-Trichloroethane	45			ug/kg	50.0		90.2	70-130		
Trichloroethene	45			ug/kg	50.0		89.9	70-130		
1,2,3-Trichloropropane	46			ug/kg	50.0		91.4	70-130		
1,3,5-Trimethylbenzene	50			ug/kg	50.0		100	70-130		
1,2,4-Trimethylbenzene	48			ug/kg	50.0		96.7	70-130		
Vinyl Chloride	47			ug/kg	50.0		94.7	60-140		
o-Xylene	46			ug/kg	50.0		92.2	70-130		
m&p-Xylene	93			ug/kg	100		93.1	70-130		
1,1,1,2,2-Tetrachloroethane	47			ug/kg	50.0		93.7	70-130		
tert-Amyl methyl ether	50			ug/kg	50.0		99.6	70-130		
1,3-Dichloropropane	46			ug/kg	50.0		92.3	70-130		
Ethyl tert-butyl ether	51			ug/kg	50.0		102	70-130		
Trichlorofluoromethane	51			ug/kg	50.0		103	70-130		
Dichlorodifluoromethane	38			ug/kg	50.0		76.1	60-140		
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Surrogate: 4-Bromofluorobenzene			48.9	ug/kg	50.0		97.8	70-130		
Surrogate: 1,2-Dichloroethane-d4			49.8	ug/kg	50.0		99.5	70-130		
Surrogate: Toluene-d8			49.2	ug/kg	50.0		98.5	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1031 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 02/23/23					
<b>LCS Dup (B3B1031-BSD1)</b>										
Acetone	99			ug/kg	50.0		198	60-140	0.152	30
Benzene	42			ug/kg	50.0		83.3	70-130	10.4	20
Bromobenzene	44			ug/kg	50.0		87.5	70-130	9.80	20
Bromochloromethane	44			ug/kg	50.0		87.3	70-130	9.90	20
Bromodichloromethane	42			ug/kg	50.0		83.6	70-130	10.0	20
Bromoform	43			ug/kg	50.0		85.1	70-130	8.87	20
Bromomethane	45			ug/kg	50.0		91.0	60-140	4.05	30
2-Butanone	94			ug/kg	50.0		189	60-140	16.0	30
tert-Butyl alcohol	46			ug/kg	50.0		92.2	70-130	21.6	20
sec-Butylbenzene	42			ug/kg	50.0		84.8	70-130	10.9	20
n-Butylbenzene	46			ug/kg	50.0		92.4	70-130	10.4	20
tert-Butylbenzene	42			ug/kg	50.0		84.0	70-130	10.0	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		91.8	70-130	8.05	20
Carbon Disulfide	38			ug/kg	50.0		76.9	50-150	10.9	40
Carbon Tetrachloride	39			ug/kg	50.0		78.7	70-130	12.9	20
Chlorobenzene	41			ug/kg	50.0		81.3	70-130	7.91	20
Chloroethane	18			ug/kg	50.0		36.5	60-140	55.2	30
Chloroform	42			ug/kg	50.0		83.8	70-130	6.80	20
Chloromethane	42			ug/kg	50.0		83.4	60-140	12.6	30
4-Chlorotoluene	42			ug/kg	50.0		84.5	70-130	9.23	20
2-Chlorotoluene	42			ug/kg	50.0		84.3	70-130	9.23	20
1,2-Dibromo-3-chloropropane (DBCP)	42			ug/kg	50.0		84.4	70-130	4.13	20
Dibromochloromethane	42			ug/kg	50.0		84.8	70-130	8.50	20
1,2-Dibromoethane (EDB)	44			ug/kg	50.0		87.4	70-130	5.73	20
Dibromomethane	44			ug/kg	50.0		87.5	60-140	6.01	30
1,2-Dichlorobenzene	45			ug/kg	50.0		89.0	70-130	7.94	20
1,3-Dichlorobenzene	42			ug/kg	50.0		84.5	70-130	8.54	20
1,4-Dichlorobenzene	43			ug/kg	50.0		86.1	70-130	8.79	20
1,1-Dichloroethane	41			ug/kg	50.0		81.7	70-130	12.0	20
1,2-Dichloroethane	41			ug/kg	50.0		81.4	70-130	8.50	20
trans-1,2-Dichloroethene	40			ug/kg	50.0		80.6	70-130	12.9	20
cis-1,2-Dichloroethene	41			ug/kg	50.0		82.3	70-130	12.7	20
1,1-Dichloroethene	42			ug/kg	50.0		83.2	70-130	9.72	20
1,2-Dichloropropane	42			ug/kg	50.0		84.3	70-130	10.5	20
2,2-Dichloropropane	41			ug/kg	50.0		82.1	70-130	10.0	20
cis-1,3-Dichloropropene	42			ug/kg	50.0		83.2	70-130	11.3	20
trans-1,3-Dichloropropene	42			ug/kg	50.0		84.5	70-130	7.80	20
1,1-Dichloropropene	39			ug/kg	50.0		78.6	70-130	14.2	20
Diethyl ether	48			ug/kg	50.0		95.3	60-140	13.0	30
1,4-Dioxane	226			ug/kg	250		90.4	0-200	6.47	50
Ethylbenzene	43			ug/kg	50.0		86.1	70-130	9.78	20
Hexachlorobutadiene	43			ug/kg	50.0		85.5	70-130	10.9	20
2-Hexanone	53			ug/kg	50.0		106	70-130	6.22	20
Isopropylbenzene	43			ug/kg	50.0		85.3	70-130	9.88	20
p-Isopropyltoluene	45			ug/kg	50.0		90.0	70-130	9.22	20
Methylene Chloride	45			ug/kg	50.0		90.0	60-140	11.3	30
4-Methyl-2-pentanone	46			ug/kg	50.0		92.1	70-130	3.23	20
Naphthalene	46			ug/kg	50.0		91.5	70-130	1.39	20
n-Propylbenzene	43			ug/kg	50.0		86.8	70-130	10.6	20
Styrene	44			ug/kg	50.0		88.5	70-130	9.48	20
1,1,1,2-Tetrachloroethane	42			ug/kg	50.0		84.7	70-130	8.09	20
Tetrachloroethene	42			ug/kg	50.0		83.8	70-130	9.72	20
Tetrahydrofuran	48			ug/kg	50.0		97.0	50-150	4.16	40
Toluene	42			ug/kg	50.0		84.5	70-130	10.6	20
1,2,4-Trichlorobenzene	45			ug/kg	50.0		90.6	70-130	4.85	20
1,2,3-Trichlorobenzene	44			ug/kg	50.0		88.7	70-130	5.33	20
1,1,2-Trichloroethane	44			ug/kg	50.0		87.6	70-130	3.33	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1031 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3B1031-BSD1)</b>					Prepared & Analyzed: 02/23/23					
1,1,1-Trichloroethane	41			ug/kg	50.0		82.4	70-130	8.99	20
Trichloroethene	41			ug/kg	50.0		81.7	70-130	9.63	20
1,2,3-Trichloropropane	45			ug/kg	50.0		90.9	70-130	0.461	20
1,3,5-Trimethylbenzene	46			ug/kg	50.0		91.8	70-130	8.81	20
1,2,4-Trimethylbenzene	44			ug/kg	50.0		88.2	70-130	9.19	20
Vinyl Chloride	41			ug/kg	50.0		82.6	60-140	13.6	30
o-Xylene	41			ug/kg	50.0		82.2	70-130	11.4	20
m&p-Xylene	84			ug/kg	100		84.3	70-130	9.94	20
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		87.4	70-130	6.96	20
tert-Amyl methyl ether	47			ug/kg	50.0		93.7	70-130	6.04	20
1,3-Dichloropropane	43			ug/kg	50.0		86.8	70-130	6.12	20
Ethyl tert-butyl ether	47			ug/kg	50.0		93.9	70-130	8.76	20
Trichlorofluoromethane	42			ug/kg	50.0		83.4	70-130	20.7	20
Dichlorodifluoromethane	33			ug/kg	50.0		65.9	60-140	14.4	30
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Surrogate: 4-Bromofluorobenzene			49.1	ug/kg	50.0		98.3	70-130		
Surrogate: 1,2-Dichloroethane-d4			55.3	ug/kg	50.0		111	70-130		
Surrogate: Toluene-d8			49.9	ug/kg	50.0		99.8	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1015 - EPA 3546</b>										
<b>Blank (B3B1015-BLK1)</b>										
					Prepared: 02/24/23 Analyzed: 03/01/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			1650	ug/kg	3310		49.9	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3060	ug/kg	3310		92.3	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			1840	ug/kg	3310		55.4	34-130		
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<b>LCS (B3B1015-BS1)</b>										
					Prepared: 02/24/23 Analyzed: 03/01/23					
2-Methylnaphthalene	2290		129	ug/kg	3310		69.1	40-140		
Acenaphthene	2300		129	ug/kg	3310		69.6	40-140		
Acenaphthylene	2370		129	ug/kg	3310		71.5	40-140		
Anthracene	2510		129	ug/kg	3310		75.9	40-140		
Benzo(a)anthracene	2560		129	ug/kg	3310		77.3	40-140		
Benzo(a)pyrene	2640		129	ug/kg	3310		79.6	40-140		
Benzo(b)fluoranthene	2680		129	ug/kg	3310		81.1	40-140		
Benzo(g,h,i)perylene	2750		129	ug/kg	3310		83.1	40-140		
Benzo(k)fluoranthene	2820		129	ug/kg	3310		85.3	40-140		
Chrysene	2590		129	ug/kg	3310		78.1	40-140		
Dibenz(a,h)anthracene	2850		129	ug/kg	3310		86.2	40-140		
Dibenzofuran	2460		129	ug/kg	3310		74.2	40-140		
Fluoranthene	2620		129	ug/kg	3310		79.3	40-140		
Fluorene	2570		129	ug/kg	3310		77.5	40-140		
Indeno(1,2,3-cd)pyrene	2710		129	ug/kg	3310		81.7	40-140		
Naphthalene	2350		129	ug/kg	3310		71.0	40-140		
Phenanthrene	2580		129	ug/kg	3310		77.8	40-140		
Pyrene	2560		129	ug/kg	3310		77.4	40-140		
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<i>Surrogate: Nitrobenzene-d5</i>			2340	ug/kg	3310		70.7	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2930	ug/kg	3310		88.5	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2620	ug/kg	3310		79.0	34-130		



**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B1015 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3B1015-BSD1)</b>										
					Prepared: 02/24/23 Analyzed: 03/01/23					
2-Methylnaphthalene	1980		129	ug/kg	3310		59.8	40-140	14.5	30
Acenaphthene	2120		129	ug/kg	3310		64.1	40-140	8.20	30
Acenaphthylene	2170		129	ug/kg	3310		65.6	40-140	8.58	30
Anthracene	2520		129	ug/kg	3310		76.2	40-140	0.473	30
Benzo(a)anthracene	2600		129	ug/kg	3310		78.6	40-140	1.67	30
Benzo(a)pyrene	2680		129	ug/kg	3310		81.0	40-140	1.72	30
Benzo(b)fluoranthene	2770		129	ug/kg	3310		83.5	40-140	2.99	30
Benzo(g,h,i)perylene	2880		129	ug/kg	3310		86.9	40-140	4.49	30
Benzo(k)fluoranthene	2900		129	ug/kg	3310		87.7	40-140	2.78	30
Chrysene	2630		129	ug/kg	3310		79.3	40-140	1.52	30
Dibenz(a,h)anthracene	2920		129	ug/kg	3310		88.3	40-140	2.38	30
Dibenzofuran	2340		129	ug/kg	3310		70.7	40-140	4.83	30
Fluoranthene	2640		129	ug/kg	3310		79.7	40-140	0.503	30
Fluorene	2490		129	ug/kg	3310		75.3	40-140	2.96	30
Indeno(1,2,3-cd)pyrene	2750		129	ug/kg	3310		83.1	40-140	1.70	30
Naphthalene	1980		129	ug/kg	3310		59.9	40-140	17.0	30
Phenanthrene	2570		129	ug/kg	3310		77.6	40-140	0.335	30
Pyrene	2640		129	ug/kg	3310		79.6	40-140	2.85	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			1890	ug/kg	3310		57.0	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2920	ug/kg	3310		88.1	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2220	ug/kg	3310		67.1	34-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3B0786 - EPA 3546</b>										
<b>Blank (B3B0786-BLK1)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			7.98	mg/kg	8.33		95.8	50-130		
<b>Blank (B3B0786-BLK2)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			9.23	mg/kg	8.33		111	50-130		
<b>LCS (B3B0786-BS1)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	495		27	mg/kg	667		74.2	44.7-125		
-----										
Surrogate: Chlorooctadecane			9.46	mg/kg	8.33		113	50-130		
<b>LCS (B3B0786-BS2)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	451		27	mg/kg	667		67.7	44.7-125		
-----										
Surrogate: Chlorooctadecane			8.13	mg/kg	8.33		97.6	50-130		
<b>LCS Dup (B3B0786-BSD1)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	379		27	mg/kg	667		56.8	44.7-125	26.5	200
-----										
Surrogate: Chlorooctadecane			6.84	mg/kg	8.33		82.0	50-130		
<b>LCS Dup (B3B0786-BSD2)</b>										
					Prepared: 02/17/23 Analyzed: 02/23/23					
Total Petroleum Hydrocarbons	432		27	mg/kg	667		64.8	44.7-125	4.38	200
-----										
Surrogate: Chlorooctadecane			8.06	mg/kg	8.33		96.7	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522

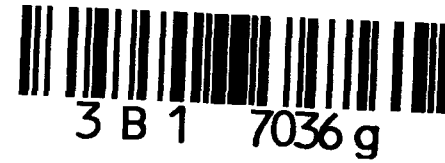


Chain of Custody Record

Project No. <b>21106.00</b>		Project Name/Location: <b>Rogers High, Newport</b>			# O F C O N T A I N E R S	P R E S E R V A T I V E	Tests**				REMARKS			
Client: <b>Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI</b>							TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead		12		
Report To: <a href="mailto:abarton@parecorp.com">abarton@parecorp.com</a> ; <a href="mailto:mflynn@parecorp.com">mflynn@parecorp.com</a>														
Invoice To: <b>Accounting</b>							A Q U E O U S	S O I L	O T H E R					
Date:	Time:	C O M P	G R A B	Sample I.D.										
2/17/23	11:30		X	BOT 106		X				X	X	X	X	
	11:45			BOT 112										
	12:00			BOT 113										
	12:15			BOT 105										
Sampled by (Signature): <i>[Signature]</i>		Date / Time 2/17/23 15:00	Received by (Signature): <i>[Signature]</i>		Date / Time 2-17-23 2:50	Laboratory Remarks: Temp. received: <u>3</u> Cooled: <input type="checkbox"/>				Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>				
Relinquished by (Signature): <i>[Signature]</i>		Date / Time 2-17-23 15:30	Received by (Signature):		Date / Time									
Relinquished by (Signature):		Date / Time	Received for Laboratory by (Signature): <i>Alyenne Terempe</i>		Date / Time 2/17/23 15:30					Turnaround (Business Days): <u>Std.</u>				

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

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 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. <b>21106.00</b>		Project Name/Location: <b>Rogers High, Newport</b>			# O F C O N T A I N E R S	P R E S E R V A T I V E	Tests**				REMARKS					
Client: <b>Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI</b>							TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead						
Report To: <b>abarton@parecorp.com; mflynn@parecorp.com</b>															A Q U E O U S	S O I L
Invoice To: <b>Accounting</b>							Date:	Time:	C O M P	G R A B		Sample I.D.				
2/17/23	11:30		X	BOT 106						1 x 40ml	MeOH	X	X	X	X	
	11:45			BOT 112						2 x 40ml	Stir-bar					
	12:00			BOT 113 - 117 g						1 x 6oz	Non					
	12:15			BOT 105												
Sampled by (Signature): <i>[Signature]</i>		Date / Time 2/17/23 15:00		Received by (Signature): <i>[Signature]</i>		Date / Time 2-17-23 2:50		Laboratory Remarks: Temp. received: <u>3</u> Cooled: <input type="checkbox"/>			Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>					
Relinquished by (Signature): <i>[Signature]</i>		Date / Time 2-17-23 15:30		Received by (Signature):		Date / Time										
Relinquished by (Signature):		Date / Time		Received for Laboratory by (Signature): <i>[Signature]</i>		Date / Time 2/17/23 15:30					Turnaround (Business Days): <u>Std.</u>					

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

*[Handwritten mark]*



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3C09048**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 17-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/09/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3C09048. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3C09048-01	BOT-134	Soil	03/09/2023	03/09/2023
3C09048-02	SW-133	Soil	03/09/2023	03/09/2023
3C09048-03	SW-132	Soil	03/09/2023	03/09/2023
3C09048-04	SW-131	Soil	03/09/2023	03/09/2023
3C09048-05	SW-130	Soil	03/09/2023	03/09/2023
3C09048-06	SW-125	Soil	03/09/2023	03/09/2023
3C09048-07	SW-128	Soil	03/09/2023	03/09/2023
3C09048-08	SW-126	Soil	03/09/2023	03/09/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-134 (Lab Number: 3C09048-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-125 (Lab Number: 3C09048-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-126 (Lab Number: 3C09048-08)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-128 (Lab Number: 3C09048-07)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-130 (Lab Number: 3C09048-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-131 (Lab Number: 3C09048-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C



## ***Request for Analysis (continued)***

### **SW-132 (Lab Number: 3C09048-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-133 (Lab Number: 3C09048-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

### Results: Total Metals

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	12.3		1.19	mg/kg	03/10/23	03/15/23
Lead	11.2		0.60	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.26		1.17	mg/kg	03/10/23	03/15/23
Lead	10.4		0.58	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.31		1.20	mg/kg	03/10/23	03/15/23
Lead	9.40		0.60	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-131**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.89		1.17	mg/kg	03/10/23	03/15/23
Lead	10.2		0.58	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-130**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.28		1.34	mg/kg	03/10/23	03/15/23
Lead	10.9		0.67	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-125**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.4		1.28	mg/kg	03/10/23	03/15/23
Lead	13.4		0.64	mg/kg	03/10/23	03/15/23



### Results: Total Metals

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.10		1.27	mg/kg	03/10/23	03/15/23
Lead	76.0		0.64	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-126**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.05		1.19	mg/kg	03/10/23	03/15/23
Lead	29.9		0.59	mg/kg	03/10/23	03/15/23

## Results: Volatile Organic Compounds

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		108	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-134 (Continued)**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>95.4%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		103	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		44	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-133 (Continued)**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		10	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>95.5%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>115%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		107	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		46	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-132 (Continued)**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>95.9%</i>		<i>70-130</i>		03/10/23	03/10/23



## Results: Volatile Organic Compounds

**Sample: SW-131**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		104	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		45	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-131 (Continued)**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		10	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.3%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>122%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-130**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		19	ug/kg	03/14/23	03/14/23
Benzene	ND		6	ug/kg	03/14/23	03/14/23
Bromobenzene	ND		6	ug/kg	03/14/23	03/14/23
Bromochloromethane	ND		6	ug/kg	03/14/23	03/14/23
Bromodichloromethane	ND		6	ug/kg	03/14/23	03/14/23
Bromoform	ND		6	ug/kg	03/14/23	03/14/23
Bromomethane	ND		6	ug/kg	03/14/23	03/14/23
2-Butanone	ND		6	ug/kg	03/14/23	03/14/23
tert-Butyl alcohol	ND		6	ug/kg	03/14/23	03/14/23
sec-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
n-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
tert-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/14/23	03/14/23
Carbon Disulfide	ND		6	ug/kg	03/14/23	03/14/23
Carbon Tetrachloride	ND		6	ug/kg	03/14/23	03/14/23
Chlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
Chloroethane	ND		6	ug/kg	03/14/23	03/14/23
Chloroform	ND		6	ug/kg	03/14/23	03/14/23
Chloromethane	ND		6	ug/kg	03/14/23	03/14/23
4-Chlorotoluene	ND		6	ug/kg	03/14/23	03/14/23
2-Chlorotoluene	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/14/23	03/14/23
Dibromochloromethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/14/23	03/14/23
Dibromomethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloroethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichloroethane	ND		6	ug/kg	03/14/23	03/14/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
2,2-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/14/23	03/14/23
Diethyl ether	ND		6	ug/kg	03/14/23	03/14/23
1,4-Dioxane	ND		130	ug/kg	03/14/23	03/14/23
Ethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Hexachlorobutadiene	ND		6	ug/kg	03/14/23	03/14/23
2-Hexanone	ND		6	ug/kg	03/14/23	03/14/23
Isopropylbenzene	ND		6	ug/kg	03/14/23	03/14/23
p-Isopropyltoluene	ND		6	ug/kg	03/14/23	03/14/23
Methylene Chloride	ND		39	ug/kg	03/14/23	03/14/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/14/23	03/14/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-130 (Continued)**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/14/23	03/14/23
n-Propylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Styrene	ND		6	ug/kg	03/14/23	03/14/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/14/23	03/14/23
Tetrachloroethene	ND		6	ug/kg	03/14/23	03/14/23
Tetrahydrofuran	ND		6	ug/kg	03/14/23	03/14/23
Toluene	ND		6	ug/kg	03/14/23	03/14/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/14/23	03/14/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/14/23	03/14/23
Trichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/14/23	03/14/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Vinyl Chloride	ND		6	ug/kg	03/14/23	03/14/23
o-Xylene	ND		6	ug/kg	03/14/23	03/14/23
m&p-Xylene	ND		13	ug/kg	03/14/23	03/14/23
Total xylenes	ND		6	ug/kg	03/14/23	03/14/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/14/23	03/14/23
tert-Amyl methyl ether	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/14/23	03/14/23
Diisopropyl ether	ND		6	ug/kg	03/14/23	03/14/23
Trichlorofluoromethane	ND		6	ug/kg	03/14/23	03/14/23
Dichlorodifluoromethane	ND		6	ug/kg	03/14/23	03/14/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.9%</i>		<i>70-130</i>		<i>03/14/23</i>	<i>03/14/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>118%</i>		<i>70-130</i>		<i>03/14/23</i>	<i>03/14/23</i>
<i>Toluene-d8</i>	<i>97.7%</i>		<i>70-130</i>		<i>03/14/23</i>	<i>03/14/23</i>

**Results: Volatile Organic Compounds****Sample: SW-125****Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		110	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-125 (Continued)**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>86.4%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>125%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>106%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		122	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		53	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-128 (Continued)**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		12	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>123%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>Toluene-d8</i>	<i>105%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>



## Results: Volatile Organic Compounds

**Sample: SW-126**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		110	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-126 (Continued)**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>94.1%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>117%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>

## Results: Semivolatile organic compounds

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/10/23	03/13/23
Acenaphthene	ND		145	ug/kg	03/10/23	03/13/23
Acenaphthylene	ND		145	ug/kg	03/10/23	03/13/23
Anthracene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(a)anthracene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(a)pyrene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Chrysene	ND		145	ug/kg	03/10/23	03/13/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/10/23	03/13/23
Dibenzofuran	ND		145	ug/kg	03/10/23	03/13/23
Fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Fluorene	ND		145	ug/kg	03/10/23	03/13/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/10/23	03/13/23
Naphthalene	ND		145	ug/kg	03/10/23	03/13/23
Phenanthrene	ND		145	ug/kg	03/10/23	03/13/23
Pyrene	ND		145	ug/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	41.0%		30-126		03/10/23	03/13/23
<i>p-Terphenyl-d14</i>	96.7%		47-130		03/10/23	03/13/23
<i>2-Fluorobiphenyl</i>	47.5%		34-130		03/10/23	03/13/23

## Results: Semivolatile organic compounds

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	03/10/23	03/13/23
Acenaphthene	ND		144	ug/kg	03/10/23	03/13/23
Acenaphthylene	ND		144	ug/kg	03/10/23	03/13/23
Anthracene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(a)anthracene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(a)pyrene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(b)fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(g,h,i)perylene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(k)fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Chrysene	ND		144	ug/kg	03/10/23	03/13/23
Dibenz(a,h)anthracene	ND		144	ug/kg	03/10/23	03/13/23
Dibenzofuran	ND		144	ug/kg	03/10/23	03/13/23
Fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Fluorene	ND		144	ug/kg	03/10/23	03/13/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	03/10/23	03/13/23
Naphthalene	ND		144	ug/kg	03/10/23	03/13/23
Phenanthrene	ND		144	ug/kg	03/10/23	03/13/23
Pyrene	ND		144	ug/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	50.4%		30-126		03/10/23	03/13/23
<i>p-Terphenyl-d14</i>	111%		47-130		03/10/23	03/13/23
<i>2-Fluorobiphenyl</i>	56.6%		34-130		03/10/23	03/13/23

## Results: Semivolatile organic compounds

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		143	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		143	ug/kg	03/14/23	03/16/23
Anthracene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Chrysene	ND		143	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		143	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		143	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Fluorene	ND		143	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	03/14/23	03/16/23
Naphthalene	ND		143	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		143	ug/kg	03/14/23	03/16/23
Pyrene	ND		143	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	83.9%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	103%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	93.5%		34-130		03/14/23	03/16/23

**Results: Semivolatile organic compounds****Sample: SW-131****Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		145	ug/kg	03/14/23	03/16/23
Anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Chrysene	ND		145	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		145	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Fluorene	ND		145	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Naphthalene	ND		145	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		145	ug/kg	03/14/23	03/16/23
Pyrene	ND		145	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	88.5%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	102%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	92.7%		34-130		03/14/23	03/16/23

**Results: Semivolatile organic compounds****Sample: SW-130****Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		147	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		147	ug/kg	03/14/23	03/16/23
Anthracene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Chrysene	ND		147	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		147	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		147	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Fluorene	ND		147	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	03/14/23	03/16/23
Naphthalene	ND		147	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		147	ug/kg	03/14/23	03/16/23
Pyrene	ND		147	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	100%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	115%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	103%		34-130		03/14/23	03/16/23

## Results: Semivolatile organic compounds

**Sample: SW-125**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		145	ug/kg	03/14/23	03/16/23
Anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Chrysene	ND		145	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		145	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Fluorene	ND		145	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Naphthalene	ND		145	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		145	ug/kg	03/14/23	03/16/23
Pyrene	ND		145	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	103%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	120%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	105%		34-130		03/14/23	03/16/23



## Results: Semivolatile organic compounds

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		150	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		150	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		150	ug/kg	03/14/23	03/16/23
Anthracene	ND		150	ug/kg	03/14/23	03/16/23
<b>Benzo(a)anthracene</b>	<b>345</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(a)pyrene</b>	<b>289</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(b)fluoranthene</b>	<b>405</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(g,h,i)perylene</b>	<b>197</b>		150	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		150	ug/kg	03/14/23	03/16/23
<b>Chrysene</b>	<b>334</b>		150	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		150	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		150	ug/kg	03/14/23	03/16/23
<b>Fluoranthene</b>	<b>880</b>		150	ug/kg	03/14/23	03/16/23
Fluorene	ND		150	ug/kg	03/14/23	03/16/23
<b>Indeno(1,2,3-cd)pyrene</b>	<b>182</b>		150	ug/kg	03/14/23	03/16/23
Naphthalene	ND		150	ug/kg	03/14/23	03/16/23
<b>Phenanthrene</b>	<b>629</b>		150	ug/kg	03/14/23	03/16/23
<b>Pyrene</b>	<b>756</b>		150	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	87.5%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	98.9%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	93.3%		34-130		03/14/23	03/16/23

**Results: Semivolatile organic compounds****Sample: SW-126****Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		151	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		151	ug/kg	03/14/23	03/16/23
Anthracene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Chrysene	ND		151	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		151	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		151	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Fluorene	ND		151	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	03/14/23	03/16/23
Naphthalene	ND		151	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		151	ug/kg	03/14/23	03/16/23
Pyrene	ND		151	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	97.3%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	126%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	104%		34-130		03/14/23	03/16/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-134****Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>112%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-133****Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-132****Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>107%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-131****Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>114%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-130****Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>116%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-125****Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>108%</i>		<i>50-130</i>		03/10/23	03/13/23



**Results: Total Petroleum Hydrocarbons****Sample: SW-128****Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>49</b>		30	mg/kg	03/10/23	03/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>95.8%</i>		<i>50-130</i>		03/10/23	03/14/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-126****Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>117%</i>		<i>50-130</i>		03/10/23	03/14/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0486 - Metals Digestion Soils</b>										
<b>Blank (B3C0486-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3C0486-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Arsenic	18.8		1.00	mg/kg	20.0		94.0	85-115		
Lead	94.1		0.50	mg/kg	100		94.1	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035</b>										
<b>Blank (B3C0533-BLK1)</b>					Prepared & Analyzed: 03/10/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>Blank (B3C0533-BLK1)</b>					Prepared & Analyzed: 03/10/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.2</i>	ug/kg	<i>50.0</i>		<i>96.5</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.1</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.0</i>	ug/kg	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3C0533-BS1)</b>					Prepared & Analyzed: 03/10/23					
Acetone	119			ug/kg	50.0		238	60-140		
Benzene	52			ug/kg	50.0		104	70-130		
Bromobenzene	50			ug/kg	50.0		99.1	70-130		
Bromochloromethane	54			ug/kg	50.0		108	70-130		
Bromodichloromethane	50			ug/kg	50.0		100	70-130		
Bromoform	50			ug/kg	50.0		99.8	70-130		
Bromomethane	52			ug/kg	50.0		105	60-140		
2-Butanone	84			ug/kg	50.0		168	60-140		
tert-Butyl alcohol	62			ug/kg	50.0		124	70-130		
sec-Butylbenzene	47			ug/kg	50.0		94.9	70-130		
n-Butylbenzene	51			ug/kg	50.0		101	70-130		
tert-Butylbenzene	47			ug/kg	50.0		93.7	70-130		
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		97.6	70-130		
Carbon Disulfide	42			ug/kg	50.0		83.5	50-150		
Carbon Tetrachloride	46			ug/kg	50.0		92.1	70-130		
Chlorobenzene	46			ug/kg	50.0		91.4	70-130		
Chloroethane	35			ug/kg	50.0		69.4	60-140		
Chloroform	51			ug/kg	50.0		102	70-130		
Chloromethane	43			ug/kg	50.0		86.6	60-140		
4-Chlorotoluene	48			ug/kg	50.0		96.1	70-130		
2-Chlorotoluene	48			ug/kg	50.0		95.9	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/kg	50.0		97.1	70-130		
Dibromochloromethane	52			ug/kg	50.0		105	70-130		
1,2-Dibromoethane (EDB)	54			ug/kg	50.0		108	70-130		
Dibromomethane	53			ug/kg	50.0		106	60-140		
1,2-Dichlorobenzene	50			ug/kg	50.0		100	70-130		
1,3-Dichlorobenzene	48			ug/kg	50.0		97.0	70-130		
1,4-Dichlorobenzene	48			ug/kg	50.0		95.6	70-130		
1,1-Dichloroethane	51			ug/kg	50.0		101	70-130		
1,2-Dichloroethane	46			ug/kg	50.0		92.7	70-130		
trans-1,2-Dichloroethene	51			ug/kg	50.0		102	70-130		
cis-1,2-Dichloroethene	52			ug/kg	50.0		104	70-130		
1,1-Dichloroethene	50			ug/kg	50.0		101	70-130		
1,2-Dichloropropane	53			ug/kg	50.0		106	70-130		
2,2-Dichloropropane	47			ug/kg	50.0		94.4	70-130		

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>LCS (B3C0533-BS1)</b>					Prepared & Analyzed: 03/10/23					
cis-1,3-Dichloropropene	52			ug/kg	50.0		104	70-130		
trans-1,3-Dichloropropene	51			ug/kg	50.0		102	70-130		
1,1-Dichloropropene	50			ug/kg	50.0		99.4	70-130		
Diethyl ether	56			ug/kg	50.0		112	60-140		
1,4-Dioxane	261			ug/kg	250		104	0-200		
Ethylbenzene	50			ug/kg	50.0		99.7	70-130		
Hexachlorobutadiene	45			ug/kg	50.0		89.1	70-130		
2-Hexanone	64			ug/kg	50.0		128	70-130		
Isopropylbenzene	48			ug/kg	50.0		95.8	70-130		
p-Isopropyltoluene	50			ug/kg	50.0		99.5	70-130		
Methylene Chloride	57			ug/kg	50.0		114	60-140		
4-Methyl-2-pentanone	51			ug/kg	50.0		102	70-130		
Naphthalene	51			ug/kg	50.0		101	70-130		
n-Propylbenzene	49			ug/kg	50.0		98.0	70-130		
Styrene	51			ug/kg	50.0		102	70-130		
1,1,1,2-Tetrachloroethane	48			ug/kg	50.0		95.9	70-130		
Tetrachloroethene	50			ug/kg	50.0		99.9	70-130		
Tetrahydrofuran	55			ug/kg	50.0		109	50-150		
Toluene	52			ug/kg	50.0		104	70-130		
1,2,4-Trichlorobenzene	49			ug/kg	50.0		98.5	70-130		
1,2,3-Trichlorobenzene	49			ug/kg	50.0		97.6	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		100	70-130		
1,1,1-Trichloroethane	47			ug/kg	50.0		93.1	70-130		
Trichloroethene	49			ug/kg	50.0		99.0	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		94.6	70-130		
1,3,5-Trimethylbenzene	51			ug/kg	50.0		102	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		98.7	70-130		
Vinyl Chloride	42			ug/kg	50.0		83.7	60-140		
o-Xylene	48			ug/kg	50.0		95.3	70-130		
m&p-Xylene	97			ug/kg	100		96.8	70-130		
1,1,1,2,2-Tetrachloroethane	52			ug/kg	50.0		104	70-130		
tert-Amyl methyl ether	49			ug/kg	50.0		97.2	70-130		
1,3-Dichloropropane	53			ug/kg	50.0		105	70-130		
Ethyl tert-butyl ether	49			ug/kg	50.0		98.8	70-130		
Trichlorofluoromethane	46			ug/kg	50.0		92.1	70-130		
Dichlorodifluoromethane	32			ug/kg	50.0		63.0	60-140		
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Surrogate: 4-Bromofluorobenzene			49.4	ug/kg	50.0		98.8	70-130		
Surrogate: 1,2-Dichloroethane-d4			51.9	ug/kg	50.0		104	70-130		
Surrogate: Toluene-d8			51.4	ug/kg	50.0		103	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/10/23					
<b>LCS Dup (B3C0533-BSD1)</b>										
Acetone	116			ug/kg	50.0		232	60-140	2.82	30
Benzene	60			ug/kg	50.0		119	70-130	13.8	20
Bromobenzene	57			ug/kg	50.0		114	70-130	13.8	20
Bromochloromethane	60			ug/kg	50.0		121	70-130	11.0	20
Bromodichloromethane	57			ug/kg	50.0		114	70-130	12.9	20
Bromoform	55			ug/kg	50.0		111	70-130	10.4	20
Bromomethane	52			ug/kg	50.0		105	60-140	0.248	30
2-Butanone	74			ug/kg	50.0		148	60-140	12.7	30
tert-Butyl alcohol	61			ug/kg	50.0		121	70-130	1.92	20
sec-Butylbenzene	55			ug/kg	50.0		110	70-130	14.5	20
n-Butylbenzene	58			ug/kg	50.0		116	70-130	13.3	20
tert-Butylbenzene	54			ug/kg	50.0		108	70-130	13.9	20
Methyl t-butyl ether (MTBE)	54			ug/kg	50.0		107	70-130	9.53	20
Carbon Disulfide	47			ug/kg	50.0		94.0	50-150	11.8	40
Carbon Tetrachloride	52			ug/kg	50.0		104	70-130	11.7	20
Chlorobenzene	53			ug/kg	50.0		105	70-130	14.3	20
Chloroethane	55			ug/kg	50.0		110	60-140	45.4	30
Chloroform	56			ug/kg	50.0		111	70-130	8.94	20
Chloromethane	47			ug/kg	50.0		93.5	60-140	7.71	30
4-Chlorotoluene	54			ug/kg	50.0		108	70-130	12.0	20
2-Chlorotoluene	54			ug/kg	50.0		108	70-130	12.0	20
1,2-Dibromo-3-chloropropane (DBCP)	51			ug/kg	50.0		102	70-130	4.78	20
Dibromochloromethane	58			ug/kg	50.0		116	70-130	10.2	20
1,2-Dibromoethane (EDB)	59			ug/kg	50.0		117	70-130	8.76	20
Dibromomethane	58			ug/kg	50.0		117	60-140	9.90	30
1,2-Dichlorobenzene	56			ug/kg	50.0		112	70-130	11.6	20
1,3-Dichlorobenzene	55			ug/kg	50.0		110	70-130	12.4	20
1,4-Dichlorobenzene	54			ug/kg	50.0		108	70-130	11.9	20
1,1-Dichloroethane	58			ug/kg	50.0		116	70-130	13.3	20
1,2-Dichloroethane	53			ug/kg	50.0		106	70-130	13.4	20
trans-1,2-Dichloroethene	58			ug/kg	50.0		116	70-130	12.8	20
cis-1,2-Dichloroethene	59			ug/kg	50.0		118	70-130	12.6	20
1,1-Dichloroethene	57			ug/kg	50.0		113	70-130	11.8	20
1,2-Dichloropropane	58			ug/kg	50.0		117	70-130	9.82	20
2,2-Dichloropropane	52			ug/kg	50.0		104	70-130	9.80	20
cis-1,3-Dichloropropene	57			ug/kg	50.0		114	70-130	9.84	20
trans-1,3-Dichloropropene	57			ug/kg	50.0		113	70-130	10.5	20
1,1-Dichloropropene	56			ug/kg	50.0		111	70-130	11.4	20
Diethyl ether	62			ug/kg	50.0		124	60-140	10.6	30
1,4-Dioxane	263			ug/kg	250		105	0-200	0.729	50
Ethylbenzene	57			ug/kg	50.0		114	70-130	13.1	20
Hexachlorobutadiene	52			ug/kg	50.0		104	70-130	14.9	20
2-Hexanone	65			ug/kg	50.0		129	70-130	0.745	20
Isopropylbenzene	55			ug/kg	50.0		110	70-130	13.7	20
p-Isopropyltoluene	57			ug/kg	50.0		115	70-130	14.2	20
Methylene Chloride	60			ug/kg	50.0		119	60-140	4.50	30
4-Methyl-2-pentanone	53			ug/kg	50.0		106	70-130	3.25	20
Naphthalene	55			ug/kg	50.0		109	70-130	7.45	20
n-Propylbenzene	56			ug/kg	50.0		113	70-130	13.9	20
Styrene	58			ug/kg	50.0		117	70-130	13.6	20
1,1,1,2-Tetrachloroethane	54			ug/kg	50.0		109	70-130	12.4	20
Tetrachloroethene	57			ug/kg	50.0		113	70-130	12.5	20
Tetrahydrofuran	56			ug/kg	50.0		112	50-150	2.77	40
Toluene	58			ug/kg	50.0		115	70-130	9.95	20
1,2,4-Trichlorobenzene	55			ug/kg	50.0		111	70-130	11.8	20
1,2,3-Trichlorobenzene	55			ug/kg	50.0		110	70-130	12.4	20
1,1,2-Trichloroethane	55			ug/kg	50.0		111	70-130	8.97	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C0533-BSD1)</b>					Prepared & Analyzed: 03/10/23					
1,1,1-Trichloroethane	53			ug/kg	50.0		105	70-130	12.4	20
Trichloroethene	57			ug/kg	50.0		113	70-130	13.4	20
1,2,3-Trichloropropane	52			ug/kg	50.0		104	70-130	8.98	20
1,3,5-Trimethylbenzene	59			ug/kg	50.0		118	70-130	14.6	20
1,2,4-Trimethylbenzene	57			ug/kg	50.0		114	70-130	13.9	20
Vinyl Chloride	47			ug/kg	50.0		94.1	60-140	11.7	30
o-Xylene	55			ug/kg	50.0		110	70-130	14.7	20
m&p-Xylene	110			ug/kg	100		110	70-130	12.5	20
1,1,2,2-Tetrachloroethane	56			ug/kg	50.0		113	70-130	7.95	20
tert-Amyl methyl ether	54			ug/kg	50.0		108	70-130	10.5	20
1,3-Dichloropropane	59			ug/kg	50.0		118	70-130	11.1	20
Ethyl tert-butyl ether	55			ug/kg	50.0		110	70-130	10.3	20
Trichlorofluoromethane	53			ug/kg	50.0		107	70-130	14.8	20
Dichlorodifluoromethane	35			ug/kg	50.0		70.7	60-140	11.5	30
<i>Surrogate: 4-Bromofluorobenzene</i>			50.0	ug/kg	50.0		99.9	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			50.3	ug/kg	50.0		101	70-130		
<i>Surrogate: Toluene-d8</i>			50.9	ug/kg	50.0		102	70-130		

**Batch: B3C0621 - EPA 5035**

**Blank (B3C0621-BLK1)**

Prepared & Analyzed: 03/14/23

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>Blank (B3C0621-BLK1)</b>					Prepared & Analyzed: 03/14/23					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		30	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>46.5</i>	<i>ug/kg</i>	<i>50.0</i>		<i>93.0</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>41.6</i>	<i>ug/kg</i>	<i>50.0</i>		<i>83.1</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/14/23					
<b>LCS (B3C0621-BS1)</b>										
Acetone	105			ug/kg	50.0		210	60-140		
Benzene	48			ug/kg	50.0		96.4	70-130		
Bromobenzene	49			ug/kg	50.0		97.8	70-130		
Bromochloromethane	50			ug/kg	50.0		100	70-130		
Bromodichloromethane	45			ug/kg	50.0		90.7	70-130		
Bromoform	46			ug/kg	50.0		91.8	70-130		
Bromomethane	36			ug/kg	50.0		72.7	60-140		
2-Butanone	64			ug/kg	50.0		129	60-140		
tert-Butyl alcohol	52			ug/kg	50.0		105	70-130		
sec-Butylbenzene	46			ug/kg	50.0		91.4	70-130		
n-Butylbenzene	49			ug/kg	50.0		97.1	70-130		
tert-Butylbenzene	46			ug/kg	50.0		91.8	70-130		
Methyl t-butyl ether (MTBE)	44			ug/kg	50.0		88.2	70-130		
Carbon Disulfide	39			ug/kg	50.0		78.9	50-150		
Carbon Tetrachloride	41			ug/kg	50.0		82.5	70-130		
Chlorobenzene	45			ug/kg	50.0		90.2	70-130		
Chloroethane	34			ug/kg	50.0		68.8	60-140		
Chloroform	45			ug/kg	50.0		89.1	70-130		
Chloromethane	39			ug/kg	50.0		78.7	60-140		
4-Chlorotoluene	47			ug/kg	50.0		94.4	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.2	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		88.3	70-130		
Dibromochloromethane	47			ug/kg	50.0		93.9	70-130		
1,2-Dibromoethane (EDB)	49			ug/kg	50.0		97.4	70-130		
Dibromomethane	50			ug/kg	50.0		99.0	60-140		
1,2-Dichlorobenzene	49			ug/kg	50.0		97.6	70-130		
1,3-Dichlorobenzene	47			ug/kg	50.0		95.0	70-130		
1,4-Dichlorobenzene	47			ug/kg	50.0		94.3	70-130		
1,1-Dichloroethane	47			ug/kg	50.0		94.4	70-130		
1,2-Dichloroethane	43			ug/kg	50.0		86.0	70-130		
trans-1,2-Dichloroethene	47			ug/kg	50.0		94.1	70-130		
cis-1,2-Dichloroethene	48			ug/kg	50.0		96.9	70-130		
1,1-Dichloroethene	46			ug/kg	50.0		91.8	70-130		
1,2-Dichloropropane	48			ug/kg	50.0		96.7	70-130		
2,2-Dichloropropane	43			ug/kg	50.0		85.1	70-130		
cis-1,3-Dichloropropene	46			ug/kg	50.0		92.6	70-130		
trans-1,3-Dichloropropene	46			ug/kg	50.0		91.6	70-130		
1,1-Dichloropropene	44			ug/kg	50.0		88.7	70-130		
Diethyl ether	51			ug/kg	50.0		103	60-140		
1,4-Dioxane	234			ug/kg	250		93.6	0-200		
Ethylbenzene	49			ug/kg	50.0		98.2	70-130		
Hexachlorobutadiene	39			ug/kg	50.0		77.6	70-130		
2-Hexanone	55			ug/kg	50.0		110	70-130		
Isopropylbenzene	47			ug/kg	50.0		95.0	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		96.5	70-130		
Methylene Chloride	99			ug/kg	50.0		198	60-140		
4-Methyl-2-pentanone	45			ug/kg	50.0		89.1	70-130		
Naphthalene	50			ug/kg	50.0		99.9	70-130		
n-Propylbenzene	48			ug/kg	50.0		96.9	70-130		
Styrene	50			ug/kg	50.0		99.4	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.7	70-130		
Tetrachloroethene	47			ug/kg	50.0		94.2	70-130		
Tetrahydrofuran	49			ug/kg	50.0		97.3	50-150		
Toluene	48			ug/kg	50.0		96.3	70-130		
1,2,4-Trichlorobenzene	47			ug/kg	50.0		94.1	70-130		
1,2,3-Trichlorobenzene	46			ug/kg	50.0		92.7	70-130		
1,1,2-Trichloroethane	46			ug/kg	50.0		91.0	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>LCS (B3C0621-BS1)</b>					Prepared & Analyzed: 03/14/23					
1,1,1-Trichloroethane	42			ug/kg	50.0		84.8	70-130		
Trichloroethene	46			ug/kg	50.0		92.6	70-130		
1,2,3-Trichloropropane	45			ug/kg	50.0		90.6	70-130		
1,3,5-Trimethylbenzene	50			ug/kg	50.0		101	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		98.4	70-130		
Vinyl Chloride	38			ug/kg	50.0		76.5	60-140		
o-Xylene	47			ug/kg	50.0		94.6	70-130		
m&p-Xylene	95			ug/kg	100		95.4	70-130		
1,1,2,2-Tetrachloroethane	49			ug/kg	50.0		98.5	70-130		
tert-Amyl methyl ether	43			ug/kg	50.0		86.1	70-130		
1,3-Dichloropropane	49			ug/kg	50.0		98.3	70-130		
Ethyl tert-butyl ether	44			ug/kg	50.0		88.4	70-130		
Trichlorofluoromethane	41			ug/kg	50.0		81.3	70-130		
Dichlorodifluoromethane	27			ug/kg	50.0		53.4	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	ug/kg	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.5</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.3</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<b>LCS Dup (B3C0621-BSD1)</b>					Prepared & Analyzed: 03/14/23					
Acetone	90			ug/kg	50.0		180	60-140	15.7	30
Benzene	52			ug/kg	50.0		104	70-130	7.41	20
Bromobenzene	52			ug/kg	50.0		104	70-130	6.44	20
Bromochloromethane	53			ug/kg	50.0		106	70-130	5.54	20
Bromodichloromethane	48			ug/kg	50.0		96.7	70-130	6.45	20
Bromoform	48			ug/kg	50.0		95.7	70-130	4.10	20
Bromomethane	50			ug/kg	50.0		99.8	60-140	31.4	30
2-Butanone	54			ug/kg	50.0		108	60-140	17.3	30
tert-Butyl alcohol	55			ug/kg	50.0		110	70-130	5.21	20
sec-Butylbenzene	49			ug/kg	50.0		98.8	70-130	7.78	20
n-Butylbenzene	53			ug/kg	50.0		106	70-130	8.93	20
tert-Butylbenzene	49			ug/kg	50.0		98.4	70-130	6.94	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		92.3	70-130	4.56	20
Carbon Disulfide	41			ug/kg	50.0		81.5	50-150	3.19	40
Carbon Tetrachloride	42			ug/kg	50.0		84.2	70-130	1.99	20
Chlorobenzene	48			ug/kg	50.0		96.3	70-130	6.61	20
Chloroethane	40			ug/kg	50.0		79.4	60-140	14.2	30
Chloroform	48			ug/kg	50.0		96.2	70-130	7.68	20
Chloromethane	42			ug/kg	50.0		84.4	60-140	6.99	30
4-Chlorotoluene	50			ug/kg	50.0		101	70-130	6.66	20
2-Chlorotoluene	50			ug/kg	50.0		101	70-130	6.65	20
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/kg	50.0		91.2	70-130	3.19	20
Dibromochloromethane	50			ug/kg	50.0		99.2	70-130	5.47	20
1,2-Dibromoethane (EDB)	51			ug/kg	50.0		102	70-130	4.83	20
Dibromomethane	53			ug/kg	50.0		105	60-140	6.20	30
1,2-Dichlorobenzene	52			ug/kg	50.0		104	70-130	6.49	20
1,3-Dichlorobenzene	51			ug/kg	50.0		101	70-130	6.48	20
1,4-Dichlorobenzene	50			ug/kg	50.0		101	70-130	6.74	20
1,1-Dichloroethane	51			ug/kg	50.0		102	70-130	7.29	20
1,2-Dichloroethane	45			ug/kg	50.0		90.8	70-130	5.50	20
trans-1,2-Dichloroethene	50			ug/kg	50.0		100	70-130	6.54	20
cis-1,2-Dichloroethene	52			ug/kg	50.0		104	70-130	7.39	20
1,1-Dichloroethene	47			ug/kg	50.0		94.7	70-130	3.13	20
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130	6.17	20
2,2-Dichloropropane	45			ug/kg	50.0		90.1	70-130	5.73	20
cis-1,3-Dichloropropene	50			ug/kg	50.0		99.6	70-130	7.33	20
trans-1,3-Dichloropropene	49			ug/kg	50.0		97.5	70-130	6.20	20
1,1-Dichloropropene	47			ug/kg	50.0		94.6	70-130	6.46	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C0621-BSD1)</b>					Prepared & Analyzed: 03/14/23					
Diethyl ether	55			ug/kg	50.0		109	60-140	6.36	30
1,4-Dioxane	229			ug/kg	250		91.6	0-200	2.16	50
Ethylbenzene	52			ug/kg	50.0		104	70-130	5.37	20
Hexachlorobutadiene	45			ug/kg	50.0		89.4	70-130	14.2	20
2-Hexanone	49			ug/kg	50.0		97.9	70-130	11.6	20
Isopropylbenzene	50			ug/kg	50.0		101	70-130	5.67	20
p-Isopropyltoluene	52			ug/kg	50.0		105	70-130	8.42	20
Methylene Chloride	144			ug/kg	50.0		288	60-140	37.0	30
4-Methyl-2-pentanone	45			ug/kg	50.0		90.4	70-130	1.49	20
Naphthalene	52			ug/kg	50.0		104	70-130	4.19	20
n-Propylbenzene	51			ug/kg	50.0		103	70-130	5.91	20
Styrene	53			ug/kg	50.0		106	70-130	5.97	20
1,1,1,2-Tetrachloroethane	48			ug/kg	50.0		96.6	70-130	5.25	20
Tetrachloroethene	49			ug/kg	50.0		97.9	70-130	3.87	20
Tetrahydrofuran	49			ug/kg	50.0		97.6	50-150	0.246	40
Toluene	51			ug/kg	50.0		102	70-130	5.95	20
1,2,4-Trichlorobenzene	51			ug/kg	50.0		103	70-130	8.62	20
1,2,3-Trichlorobenzene	51			ug/kg	50.0		102	70-130	9.52	20
1,1,2-Trichloroethane	49			ug/kg	50.0		97.3	70-130	6.71	20
1,1,1-Trichloroethane	46			ug/kg	50.0		91.1	70-130	7.09	20
Trichloroethene	49			ug/kg	50.0		98.7	70-130	6.35	20
1,2,3-Trichloropropane	46			ug/kg	50.0		92.6	70-130	2.21	20
1,3,5-Trimethylbenzene	54			ug/kg	50.0		107	70-130	5.97	20
1,2,4-Trimethylbenzene	53			ug/kg	50.0		105	70-130	6.70	20
Vinyl Chloride	41			ug/kg	50.0		81.7	60-140	6.55	30
o-Xylene	51			ug/kg	50.0		101	70-130	6.74	20
m&p-Xylene	101			ug/kg	100		101	70-130	5.34	20
1,1,1,2,2-Tetrachloroethane	52			ug/kg	50.0		103	70-130	4.57	20
tert-Amyl methyl ether	46			ug/kg	50.0		92.4	70-130	7.04	20
1,3-Dichloropropane	51			ug/kg	50.0		103	70-130	4.24	20
Ethyl tert-butyl ether	47			ug/kg	50.0		93.8	70-130	5.93	20
Trichlorofluoromethane	45			ug/kg	50.0		90.1	70-130	10.3	20
Dichlorodifluoromethane	29			ug/kg	50.0		57.0	60-140	6.55	30
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Surrogate: 4-Bromofluorobenzene			48.8	ug/kg	50.0		97.7	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.8	ug/kg	50.0		102	70-130		
Surrogate: Toluene-d8			50.9	ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0461 - EPA 3546</b>										
<b>Blank (B3C0461-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			2350	ug/kg	3310		70.8	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2530	ug/kg	3310		76.4	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2490	ug/kg	3310		75.2	34-130		
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<b>LCS (B3C0461-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	2040		129	ug/kg	3310		61.5	40-140		
Acenaphthene	2060		129	ug/kg	3310		62.2	40-140		
Acenaphthylene	2150		129	ug/kg	3310		64.8	40-140		
Anthracene	2160		129	ug/kg	3310		65.2	40-140		
Benzo(a)anthracene	2190		129	ug/kg	3310		66.1	40-140		
Benzo(a)pyrene	2220		129	ug/kg	3310		66.9	40-140		
Benzo(b)fluoranthene	2360		129	ug/kg	3310		71.4	40-140		
Benzo(g,h,i)perylene	2020		129	ug/kg	3310		61.1	40-140		
Benzo(k)fluoranthene	2440		129	ug/kg	3310		73.7	40-140		
Chrysene	2220		129	ug/kg	3310		67.2	40-140		
Dibenz(a,h)anthracene	1980		129	ug/kg	3310		59.8	40-140		
Dibenzofuran	2150		129	ug/kg	3310		65.1	40-140		
Fluoranthene	2250		129	ug/kg	3310		68.1	40-140		
Fluorene	2310		129	ug/kg	3310		69.8	40-140		
Indeno(1,2,3-cd)pyrene	1910		129	ug/kg	3310		57.5	40-140		
Naphthalene	2120		129	ug/kg	3310		63.9	40-140		
Phenanthrene	2220		129	ug/kg	3310		67.2	40-140		
Pyrene	2390		129	ug/kg	3310		72.2	40-140		
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<i>Surrogate: Nitrobenzene-d5</i>			2280	ug/kg	3310		68.8	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2260	ug/kg	3310		68.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2430	ug/kg	3310		73.3	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0461 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3C0461-BSD1)</b>					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	2430		129	ug/kg	3310		73.3	40-140	17.5	30
Acenaphthene	2500		129	ug/kg	3310		75.6	40-140	19.4	30
Acenaphthylene	2540		129	ug/kg	3310		76.6	40-140	16.6	30
Anthracene	2590		129	ug/kg	3310		78.1	40-140	18.1	30
Benzo(a)anthracene	2610		129	ug/kg	3310		78.8	40-140	17.5	30
Benzo(a)pyrene	2620		129	ug/kg	3310		79.1	40-140	16.7	30
Benzo(b)fluoranthene	2770		129	ug/kg	3310		83.8	40-140	16.0	30
Benzo(g,h,i)perylene	2450		129	ug/kg	3310		73.9	40-140	18.9	30
Benzo(k)fluoranthene	2890		129	ug/kg	3310		87.2	40-140	16.7	30
Chrysene	2630		129	ug/kg	3310		79.4	40-140	16.7	30
Dibenz(a,h)anthracene	2330		129	ug/kg	3310		70.5	40-140	16.3	30
Dibenzofuran	2570		129	ug/kg	3310		77.7	40-140	17.7	30
Fluoranthene	2660		129	ug/kg	3310		80.3	40-140	16.4	30
Fluorene	2720		129	ug/kg	3310		82.2	40-140	16.4	30
Indeno(1,2,3-cd)pyrene	2280		129	ug/kg	3310		68.8	40-140	17.8	30
Naphthalene	2560		129	ug/kg	3310		77.4	40-140	19.2	30
Phenanthrene	2650		129	ug/kg	3310		80.1	40-140	17.6	30
Pyrene	2810		129	ug/kg	3310		84.7	40-140	16.0	30
<i>Surrogate: Nitrobenzene-d5</i>			2580	ug/kg	3310		78.0	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2510	ug/kg	3310		75.8	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2760	ug/kg	3310		83.2	34-130		

**Batch: B3C0565 - EPA 3546**

<b>Blank (B3C0565-BLK1)</b>					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			3260	ug/kg	3310		98.5	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3420	ug/kg	3310		103	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3110	ug/kg	3310		93.8	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0565 - EPA 3546 (Continued)</b>										
<b>LCS (B3C0565-BS1)</b>										
					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	2780		129	ug/kg	3310		83.8	40-140		
Acenaphthene	2770		129	ug/kg	3310		83.8	40-140		
Acenaphthylene	2840		129	ug/kg	3310		85.7	40-140		
Anthracene	2890		129	ug/kg	3310		87.4	40-140		
Benzo(a)anthracene	2990		129	ug/kg	3310		90.4	40-140		
Benzo(a)pyrene	3150		129	ug/kg	3310		95.1	40-140		
Benzo(b)fluoranthene	3220		129	ug/kg	3310		97.3	40-140		
Benzo(g,h,i)perylene	2840		129	ug/kg	3310		85.9	40-140		
Benzo(k)fluoranthene	3440		129	ug/kg	3310		104	40-140		
Chrysene	3020		129	ug/kg	3310		91.2	40-140		
Dibenz(a,h)anthracene	3020		129	ug/kg	3310		91.1	40-140		
Dibenzofuran	2860		129	ug/kg	3310		86.4	40-140		
Fluoranthene	3010		129	ug/kg	3310		90.8	40-140		
Fluorene	2960		129	ug/kg	3310		89.5	40-140		
Indeno(1,2,3-cd)pyrene	2840		129	ug/kg	3310		85.6	40-140		
Naphthalene	2820		129	ug/kg	3310		85.3	40-140		
Phenanthrene	2960		129	ug/kg	3310		89.3	40-140		
Pyrene	2850		129	ug/kg	3310		86.0	40-140		
<i>Surrogate: Nitrobenzene-d5</i>			3380	ug/kg	6620		51.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3430	ug/kg	6620		51.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3360	ug/kg	6620		50.7	34-130		
<b>LCS Dup (B3C0565-BSD1)</b>										
					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	2540		129	ug/kg	3310		76.7	40-140	8.92	30
Acenaphthene	2510		129	ug/kg	3310		75.9	40-140	9.87	30
Acenaphthylene	2560		129	ug/kg	3310		77.3	40-140	10.3	30
Anthracene	2650		129	ug/kg	3310		80.0	40-140	8.86	30
Benzo(a)anthracene	2720		129	ug/kg	3310		82.3	40-140	9.38	30
Benzo(a)pyrene	2820		129	ug/kg	3310		85.2	40-140	11.0	30
Benzo(b)fluoranthene	2870		129	ug/kg	3310		86.8	40-140	11.5	30
Benzo(g,h,i)perylene	2550		129	ug/kg	3310		76.9	40-140	11.0	30
Benzo(k)fluoranthene	3100		129	ug/kg	3310		93.5	40-140	10.6	30
Chrysene	2760		129	ug/kg	3310		83.4	40-140	9.03	30
Dibenz(a,h)anthracene	2680		129	ug/kg	3310		80.8	40-140	11.9	30
Dibenzofuran	2560		129	ug/kg	3310		77.4	40-140	11.0	30
Fluoranthene	2690		129	ug/kg	3310		81.1	40-140	11.3	30
Fluorene	2610		129	ug/kg	3310		79.0	40-140	12.5	30
Indeno(1,2,3-cd)pyrene	2550		129	ug/kg	3310		77.0	40-140	10.6	30
Naphthalene	2590		129	ug/kg	3310		78.2	40-140	8.59	30
Phenanthrene	2710		129	ug/kg	3310		81.8	40-140	8.82	30
Pyrene	2630		129	ug/kg	3310		79.5	40-140	7.83	30
<i>Surrogate: Nitrobenzene-d5</i>			3020	ug/kg	6620		45.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3160	ug/kg	6620		47.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3010	ug/kg	6620		45.5	34-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0475 - EPA 3546</b>										
<b>Blank (B3C0475-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			9.06	mg/kg	8.33		109	50-130		
<b>LCS (B3C0475-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	347		27	mg/kg	667		52.0	44.7-125		
-----										
Surrogate: Chlorooctadecane			9.47	mg/kg	8.33		114	50-130		
<b>LCS Dup (B3C0475-BSD1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	461		27	mg/kg	667		69.1	44.7-125	28.2	200
-----										
Surrogate: Chlorooctadecane			10.3	mg/kg	8.33		123	50-130		



## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS		
Client: Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI							AQUEOUS	SOIL	OTHER	TPH 8100M		VOCs 8260	PAHs 8270
Report To: abarton@parecorp.com; mflynn@parecorp.com													
Invoice To: Accounting													
Date:	Time:	COMP	GRAB	Sample I.D.									
3/9/23	11:10		X	BOT 134		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X
	11:50		X	SW 133									
	12:10		X	SW 132									
	12:40		X	SW 131									
	12:50		X	SW 130									
	13:50		X	SW 129									
	14:20		X	SW 128									
	14:50		X	SW 126									

Sampled by (Signature): <i>Orville Bauwman</i>	Date / Time: 3/9/23 15:00	Received by (Signature): <i>Bill Wood</i>	Date / Time: 3/9/23 15:00	Laboratory Remarks: Temp. received: <u>2</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>  Turnaround (Business Days): <u>Std.</u>
Relinquished by (Signature): <i>Bill Wood</i>	Date / Time: 3-9-23 15:50	Received by (Signature):	Date / Time:		
Relinquished by (Signature):	Date / Time:	Received for Laboratory by (Signature): <i>Alyssa Terenzi</i>	Date / Time: 3/9/23 15:50		

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3C09048**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 21-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/09/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3C09048. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3C09048-01	BOT-134	Soil	03/09/2023	03/09/2023
3C09048-02	SW-133	Soil	03/09/2023	03/09/2023
3C09048-03	SW-132	Soil	03/09/2023	03/09/2023
3C09048-04	SW-131	Soil	03/09/2023	03/09/2023
3C09048-05	SW-130	Soil	03/09/2023	03/09/2023
3C09048-06	SW-129	Soil	03/09/2023	03/09/2023
3C09048-07	SW-128	Soil	03/09/2023	03/09/2023
3C09048-08	SW-126	Soil	03/09/2023	03/09/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-134 (Lab Number: 3C09048-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-126 (Lab Number: 3C09048-08)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-128 (Lab Number: 3C09048-07)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-129 (Lab Number: 3C09048-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-130 (Lab Number: 3C09048-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-131 (Lab Number: 3C09048-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Request for Analysis (continued)***

### **SW-132 (Lab Number: 3C09048-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-133 (Lab Number: 3C09048-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

### Results: Total Metals

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	12.3		1.19	mg/kg	03/10/23	03/15/23
Lead	11.2		0.60	mg/kg	03/10/23	03/15/23



### Results: Total Metals

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.26		1.17	mg/kg	03/10/23	03/15/23
Lead	10.4		0.58	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	8.31		1.20	mg/kg	03/10/23	03/15/23
Lead	9.40		0.60	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-131**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	6.89		1.17	mg/kg	03/10/23	03/15/23
Lead	10.2		0.58	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-130**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.28		1.34	mg/kg	03/10/23	03/15/23
Lead	10.9		0.67	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-129**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.4		1.28	mg/kg	03/10/23	03/15/23
Lead	13.4		0.64	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.10		1.27	mg/kg	03/10/23	03/15/23
Lead	76.0		0.64	mg/kg	03/10/23	03/15/23

### Results: Total Metals

**Sample: SW-126**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.05		1.19	mg/kg	03/10/23	03/15/23
Lead	29.9		0.59	mg/kg	03/10/23	03/15/23

## Results: Volatile Organic Compounds

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		108	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23



## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-134 (Continued)**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>105%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>95.4%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		103	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		44	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-133 (Continued)**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		10	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>95.5%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>115%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		107	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		46	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-132 (Continued)**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.8%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>108%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>95.9%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-131**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/10/23	03/10/23
Benzene	ND		5	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		5	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		5	ug/kg	03/10/23	03/10/23
Bromoform	ND		5	ug/kg	03/10/23	03/10/23
Bromomethane	ND		5	ug/kg	03/10/23	03/10/23
2-Butanone	ND		5	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		5	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		5	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		5	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
Chloroethane	ND		5	ug/kg	03/10/23	03/10/23
Chloroform	ND		5	ug/kg	03/10/23	03/10/23
Chloromethane	ND		5	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		5	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		104	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		5	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		5	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		5	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		5	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		45	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-131 (Continued)**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Styrene	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		5	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		5	ug/kg	03/10/23	03/10/23
Toluene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		5	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		5	ug/kg	03/10/23	03/10/23
o-Xylene	ND		5	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		10	ug/kg	03/10/23	03/10/23
Total xylenes	ND		5	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		5	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		5	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		5	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		5	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		5	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>94.3%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>122%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-130**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		19	ug/kg	03/14/23	03/14/23
Benzene	ND		6	ug/kg	03/14/23	03/14/23
Bromobenzene	ND		6	ug/kg	03/14/23	03/14/23
Bromochloromethane	ND		6	ug/kg	03/14/23	03/14/23
Bromodichloromethane	ND		6	ug/kg	03/14/23	03/14/23
Bromoform	ND		6	ug/kg	03/14/23	03/14/23
Bromomethane	ND		6	ug/kg	03/14/23	03/14/23
2-Butanone	ND		6	ug/kg	03/14/23	03/14/23
tert-Butyl alcohol	ND		6	ug/kg	03/14/23	03/14/23
sec-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
n-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
tert-Butylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/14/23	03/14/23
Carbon Disulfide	ND		6	ug/kg	03/14/23	03/14/23
Carbon Tetrachloride	ND		6	ug/kg	03/14/23	03/14/23
Chlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
Chloroethane	ND		6	ug/kg	03/14/23	03/14/23
Chloroform	ND		6	ug/kg	03/14/23	03/14/23
Chloromethane	ND		6	ug/kg	03/14/23	03/14/23
4-Chlorotoluene	ND		6	ug/kg	03/14/23	03/14/23
2-Chlorotoluene	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/14/23	03/14/23
Dibromochloromethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/14/23	03/14/23
Dibromomethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloroethane	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichloroethane	ND		6	ug/kg	03/14/23	03/14/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,2-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
2,2-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
1,1-Dichloropropene	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/14/23	03/14/23
Diethyl ether	ND		6	ug/kg	03/14/23	03/14/23
1,4-Dioxane	ND		130	ug/kg	03/14/23	03/14/23
Ethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Hexachlorobutadiene	ND		6	ug/kg	03/14/23	03/14/23
2-Hexanone	ND		6	ug/kg	03/14/23	03/14/23
Isopropylbenzene	ND		6	ug/kg	03/14/23	03/14/23
p-Isopropyltoluene	ND		6	ug/kg	03/14/23	03/14/23
Methylene Chloride	ND		39	ug/kg	03/14/23	03/14/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/14/23	03/14/23



## Results: Volatile Organic Compounds (Continued)

**Sample: SW-130 (Continued)**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/14/23	03/14/23
n-Propylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Styrene	ND		6	ug/kg	03/14/23	03/14/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/14/23	03/14/23
Tetrachloroethene	ND		6	ug/kg	03/14/23	03/14/23
Tetrahydrofuran	ND		6	ug/kg	03/14/23	03/14/23
Toluene	ND		6	ug/kg	03/14/23	03/14/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/14/23	03/14/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/14/23	03/14/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/14/23	03/14/23
Trichloroethene	ND		6	ug/kg	03/14/23	03/14/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/14/23	03/14/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/14/23	03/14/23
Vinyl Chloride	ND		6	ug/kg	03/14/23	03/14/23
o-Xylene	ND		6	ug/kg	03/14/23	03/14/23
m&p-Xylene	ND		13	ug/kg	03/14/23	03/14/23
Total xylenes	ND		6	ug/kg	03/14/23	03/14/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/14/23	03/14/23
tert-Amyl methyl ether	ND		6	ug/kg	03/14/23	03/14/23
1,3-Dichloropropane	ND		6	ug/kg	03/14/23	03/14/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/14/23	03/14/23
Diisopropyl ether	ND		6	ug/kg	03/14/23	03/14/23
Trichlorofluoromethane	ND		6	ug/kg	03/14/23	03/14/23
Dichlorodifluoromethane	ND		6	ug/kg	03/14/23	03/14/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>94.9%</i>		<i>70-130</i>		03/14/23	03/14/23
<i>1,2-Dichloroethane-d4</i>	<i>118%</i>		<i>70-130</i>		03/14/23	03/14/23
<i>Toluene-d8</i>	<i>97.7%</i>		<i>70-130</i>		03/14/23	03/14/23

## Results: Volatile Organic Compounds

**Sample: SW-129**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		110	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-129 (Continued)**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>86.4%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>125%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>106%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Volatile Organic Compounds

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		122	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		53	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-128 (Continued)**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		12	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>94.6%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>123%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>
<i>Toluene-d8</i>	<i>105%</i>		<i>70-130</i>		<i>03/10/23</i>	<i>03/10/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-126**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/10/23	03/10/23
Benzene	ND		6	ug/kg	03/10/23	03/10/23
Bromobenzene	ND		6	ug/kg	03/10/23	03/10/23
Bromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromodichloromethane	ND		6	ug/kg	03/10/23	03/10/23
Bromoform	ND		6	ug/kg	03/10/23	03/10/23
Bromomethane	ND		6	ug/kg	03/10/23	03/10/23
2-Butanone	ND		6	ug/kg	03/10/23	03/10/23
tert-Butyl alcohol	ND		6	ug/kg	03/10/23	03/10/23
sec-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
n-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
tert-Butylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/10/23	03/10/23
Carbon Disulfide	ND		6	ug/kg	03/10/23	03/10/23
Carbon Tetrachloride	ND		6	ug/kg	03/10/23	03/10/23
Chlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
Chloroethane	ND		6	ug/kg	03/10/23	03/10/23
Chloroform	ND		6	ug/kg	03/10/23	03/10/23
Chloromethane	ND		6	ug/kg	03/10/23	03/10/23
4-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
2-Chlorotoluene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/10/23	03/10/23
Dibromochloromethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/10/23	03/10/23
Dibromomethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloroethane	ND		6	ug/kg	03/10/23	03/10/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
2,2-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,1-Dichloropropene	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/10/23	03/10/23
Diethyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,4-Dioxane	ND		110	ug/kg	03/10/23	03/10/23
Ethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Hexachlorobutadiene	ND		6	ug/kg	03/10/23	03/10/23
2-Hexanone	ND		6	ug/kg	03/10/23	03/10/23
Isopropylbenzene	ND		6	ug/kg	03/10/23	03/10/23
p-Isopropyltoluene	ND		6	ug/kg	03/10/23	03/10/23
Methylene Chloride	ND		47	ug/kg	03/10/23	03/10/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/10/23	03/10/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-126 (Continued)**

**Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/10/23	03/10/23
n-Propylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Styrene	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
Tetrachloroethene	ND		6	ug/kg	03/10/23	03/10/23
Tetrahydrofuran	ND		6	ug/kg	03/10/23	03/10/23
Toluene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/10/23	03/10/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/10/23	03/10/23
Trichloroethene	ND		6	ug/kg	03/10/23	03/10/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/10/23	03/10/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/10/23	03/10/23
Vinyl Chloride	ND		6	ug/kg	03/10/23	03/10/23
o-Xylene	ND		6	ug/kg	03/10/23	03/10/23
m&p-Xylene	ND		11	ug/kg	03/10/23	03/10/23
Total xylenes	ND		6	ug/kg	03/10/23	03/10/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/10/23	03/10/23
tert-Amyl methyl ether	ND		6	ug/kg	03/10/23	03/10/23
1,3-Dichloropropane	ND		6	ug/kg	03/10/23	03/10/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/10/23	03/10/23
Diisopropyl ether	ND		6	ug/kg	03/10/23	03/10/23
Trichlorofluoromethane	ND		6	ug/kg	03/10/23	03/10/23
Dichlorodifluoromethane	ND		6	ug/kg	03/10/23	03/10/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>94.1%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>1,2-Dichloroethane-d4</i>	<i>117%</i>		<i>70-130</i>		03/10/23	03/10/23
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		03/10/23	03/10/23

## Results: Semivolatile organic compounds

**Sample: BOT-134**

**Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/10/23	03/13/23
Acenaphthene	ND		145	ug/kg	03/10/23	03/13/23
Acenaphthylene	ND		145	ug/kg	03/10/23	03/13/23
Anthracene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(a)anthracene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(a)pyrene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/10/23	03/13/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Chrysene	ND		145	ug/kg	03/10/23	03/13/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/10/23	03/13/23
Dibenzofuran	ND		145	ug/kg	03/10/23	03/13/23
Fluoranthene	ND		145	ug/kg	03/10/23	03/13/23
Fluorene	ND		145	ug/kg	03/10/23	03/13/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/10/23	03/13/23
Naphthalene	ND		145	ug/kg	03/10/23	03/13/23
Phenanthrene	ND		145	ug/kg	03/10/23	03/13/23
Pyrene	ND		145	ug/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	41.0%		30-126		03/10/23	03/13/23
<i>p-Terphenyl-d14</i>	96.7%		47-130		03/10/23	03/13/23
<i>2-Fluorobiphenyl</i>	47.5%		34-130		03/10/23	03/13/23



## Results: Semivolatile organic compounds

**Sample: SW-133**

**Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		144	ug/kg	03/10/23	03/13/23
Acenaphthene	ND		144	ug/kg	03/10/23	03/13/23
Acenaphthylene	ND		144	ug/kg	03/10/23	03/13/23
Anthracene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(a)anthracene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(a)pyrene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(b)fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(g,h,i)perylene	ND		144	ug/kg	03/10/23	03/13/23
Benzo(k)fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Chrysene	ND		144	ug/kg	03/10/23	03/13/23
Dibenz(a,h)anthracene	ND		144	ug/kg	03/10/23	03/13/23
Dibenzofuran	ND		144	ug/kg	03/10/23	03/13/23
Fluoranthene	ND		144	ug/kg	03/10/23	03/13/23
Fluorene	ND		144	ug/kg	03/10/23	03/13/23
Indeno(1,2,3-cd)pyrene	ND		144	ug/kg	03/10/23	03/13/23
Naphthalene	ND		144	ug/kg	03/10/23	03/13/23
Phenanthrene	ND		144	ug/kg	03/10/23	03/13/23
Pyrene	ND		144	ug/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	50.4%		30-126		03/10/23	03/13/23
<i>p-Terphenyl-d14</i>	111%		47-130		03/10/23	03/13/23
<i>2-Fluorobiphenyl</i>	56.6%		34-130		03/10/23	03/13/23

## Results: Semivolatile organic compounds

**Sample: SW-132**

**Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		143	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		143	ug/kg	03/14/23	03/16/23
Anthracene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		143	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Chrysene	ND		143	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		143	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		143	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		143	ug/kg	03/14/23	03/16/23
Fluorene	ND		143	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	03/14/23	03/16/23
Naphthalene	ND		143	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		143	ug/kg	03/14/23	03/16/23
Pyrene	ND		143	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	83.9%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	103%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	93.5%		34-130		03/14/23	03/16/23

## Results: Semivolatile organic compounds

**Sample: SW-131**

**Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		145	ug/kg	03/14/23	03/16/23
Anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Chrysene	ND		145	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		145	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Fluorene	ND		145	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Naphthalene	ND		145	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		145	ug/kg	03/14/23	03/16/23
Pyrene	ND		145	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	88.5%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	102%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	92.7%		34-130		03/14/23	03/16/23

## Results: Semivolatile organic compounds

**Sample: SW-130**

**Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		147	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		147	ug/kg	03/14/23	03/16/23
Anthracene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		147	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Chrysene	ND		147	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		147	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		147	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		147	ug/kg	03/14/23	03/16/23
Fluorene	ND		147	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	03/14/23	03/16/23
Naphthalene	ND		147	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		147	ug/kg	03/14/23	03/16/23
Pyrene	ND		147	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	100%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	115%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	103%		34-130		03/14/23	03/16/23

## Results: Semivolatile organic compounds

**Sample: SW-129**

**Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		145	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		145	ug/kg	03/14/23	03/16/23
Anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Chrysene	ND		145	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		145	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		145	ug/kg	03/14/23	03/16/23
Fluorene	ND		145	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/14/23	03/16/23
Naphthalene	ND		145	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		145	ug/kg	03/14/23	03/16/23
Pyrene	ND		145	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	103%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	120%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	105%		34-130		03/14/23	03/16/23

## Results: Semivolatile organic compounds

**Sample: SW-128**

**Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		150	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		150	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		150	ug/kg	03/14/23	03/16/23
Anthracene	ND		150	ug/kg	03/14/23	03/16/23
<b>Benzo(a)anthracene</b>	<b>345</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(a)pyrene</b>	<b>289</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(b)fluoranthene</b>	<b>405</b>		150	ug/kg	03/14/23	03/16/23
<b>Benzo(g,h,i)perylene</b>	<b>197</b>		150	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		150	ug/kg	03/14/23	03/16/23
<b>Chrysene</b>	<b>334</b>		150	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		150	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		150	ug/kg	03/14/23	03/16/23
<b>Fluoranthene</b>	<b>880</b>		150	ug/kg	03/14/23	03/16/23
Fluorene	ND		150	ug/kg	03/14/23	03/16/23
<b>Indeno(1,2,3-cd)pyrene</b>	<b>182</b>		150	ug/kg	03/14/23	03/16/23
Naphthalene	ND		150	ug/kg	03/14/23	03/16/23
<b>Phenanthrene</b>	<b>629</b>		150	ug/kg	03/14/23	03/16/23
<b>Pyrene</b>	<b>756</b>		150	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	87.5%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	98.9%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	93.3%		34-130		03/14/23	03/16/23

**Results: Semivolatile organic compounds****Sample: SW-126****Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		151	ug/kg	03/14/23	03/16/23
Acenaphthene	ND		151	ug/kg	03/14/23	03/16/23
Acenaphthylene	ND		151	ug/kg	03/14/23	03/16/23
Anthracene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(a)anthracene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(a)pyrene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(b)fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(g,h,i)perylene	ND		151	ug/kg	03/14/23	03/16/23
Benzo(k)fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Chrysene	ND		151	ug/kg	03/14/23	03/16/23
Dibenz(a,h)anthracene	ND		151	ug/kg	03/14/23	03/16/23
Dibenzofuran	ND		151	ug/kg	03/14/23	03/16/23
Fluoranthene	ND		151	ug/kg	03/14/23	03/16/23
Fluorene	ND		151	ug/kg	03/14/23	03/16/23
Indeno(1,2,3-cd)pyrene	ND		151	ug/kg	03/14/23	03/16/23
Naphthalene	ND		151	ug/kg	03/14/23	03/16/23
Phenanthrene	ND		151	ug/kg	03/14/23	03/16/23
Pyrene	ND		151	ug/kg	03/14/23	03/16/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	97.3%		30-126		03/14/23	03/16/23
<i>p-Terphenyl-d14</i>	126%		47-130		03/14/23	03/16/23
<i>2-Fluorobiphenyl</i>	104%		34-130		03/14/23	03/16/23

**Results: Total Petroleum Hydrocarbons****Sample: BOT-134****Lab Number: 3C09048-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>112%</i>		<i>50-130</i>		03/10/23	03/13/23



**Results: Total Petroleum Hydrocarbons****Sample: SW-133****Lab Number: 3C09048-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>113%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-132****Lab Number: 3C09048-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		28	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>107%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-131****Lab Number: 3C09048-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>114%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-130****Lab Number: 3C09048-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>116%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-129****Lab Number: 3C09048-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/10/23	03/13/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>108%</i>		<i>50-130</i>		03/10/23	03/13/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-128****Lab Number: 3C09048-07 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>49</b>		30	mg/kg	03/10/23	03/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>95.8%</i>		<i>50-130</i>		03/10/23	03/14/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-126****Lab Number: 3C09048-08 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/10/23	03/14/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>117%</i>		<i>50-130</i>		03/10/23	03/14/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0486 - Metals Digestion Soils</b>										
<b>Blank (B3C0486-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Arsenic	ND		1.00	mg/kg						
Lead	ND		0.50	mg/kg						
<b>LCS (B3C0486-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Arsenic	18.8		1.00	mg/kg	20.0		94.0	85-115		
Lead	94.1		0.50	mg/kg	100		94.1	85-115		



**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035</b>										
<b>Blank (B3C0533-BLK1)</b>					Prepared & Analyzed: 03/10/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>Blank (B3C0533-BLK1)</b>					Prepared & Analyzed: 03/10/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.5</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.1</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.0</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3C0533-BS1)</b>					Prepared & Analyzed: 03/10/23					
Acetone	119			ug/kg	50.0		238	60-140		
Benzene	52			ug/kg	50.0		104	70-130		
Bromobenzene	50			ug/kg	50.0		99.1	70-130		
Bromochloromethane	54			ug/kg	50.0		108	70-130		
Bromodichloromethane	50			ug/kg	50.0		100	70-130		
Bromoform	50			ug/kg	50.0		99.8	70-130		
Bromomethane	52			ug/kg	50.0		105	60-140		
2-Butanone	84			ug/kg	50.0		168	60-140		
tert-Butyl alcohol	62			ug/kg	50.0		124	70-130		
sec-Butylbenzene	47			ug/kg	50.0		94.9	70-130		
n-Butylbenzene	51			ug/kg	50.0		101	70-130		
tert-Butylbenzene	47			ug/kg	50.0		93.7	70-130		
Methyl t-butyl ether (MTBE)	49			ug/kg	50.0		97.6	70-130		
Carbon Disulfide	42			ug/kg	50.0		83.5	50-150		
Carbon Tetrachloride	46			ug/kg	50.0		92.1	70-130		
Chlorobenzene	46			ug/kg	50.0		91.4	70-130		
Chloroethane	35			ug/kg	50.0		69.4	60-140		
Chloroform	51			ug/kg	50.0		102	70-130		
Chloromethane	43			ug/kg	50.0		86.6	60-140		
4-Chlorotoluene	48			ug/kg	50.0		96.1	70-130		
2-Chlorotoluene	48			ug/kg	50.0		95.9	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/kg	50.0		97.1	70-130		
Dibromochloromethane	52			ug/kg	50.0		105	70-130		
1,2-Dibromoethane (EDB)	54			ug/kg	50.0		108	70-130		
Dibromomethane	53			ug/kg	50.0		106	60-140		
1,2-Dichlorobenzene	50			ug/kg	50.0		100	70-130		
1,3-Dichlorobenzene	48			ug/kg	50.0		97.0	70-130		
1,4-Dichlorobenzene	48			ug/kg	50.0		95.6	70-130		
1,1-Dichloroethane	51			ug/kg	50.0		101	70-130		
1,2-Dichloroethane	46			ug/kg	50.0		92.7	70-130		
trans-1,2-Dichloroethene	51			ug/kg	50.0		102	70-130		
cis-1,2-Dichloroethene	52			ug/kg	50.0		104	70-130		
1,1-Dichloroethene	50			ug/kg	50.0		101	70-130		
1,2-Dichloropropane	53			ug/kg	50.0		106	70-130		
2,2-Dichloropropane	47			ug/kg	50.0		94.4	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>LCS (B3C0533-BS1)</b>					Prepared & Analyzed: 03/10/23					
cis-1,3-Dichloropropene	52			ug/kg	50.0		104	70-130		
trans-1,3-Dichloropropene	51			ug/kg	50.0		102	70-130		
1,1-Dichloropropene	50			ug/kg	50.0		99.4	70-130		
Diethyl ether	56			ug/kg	50.0		112	60-140		
1,4-Dioxane	261			ug/kg	250		104	0-200		
Ethylbenzene	50			ug/kg	50.0		99.7	70-130		
Hexachlorobutadiene	45			ug/kg	50.0		89.1	70-130		
2-Hexanone	64			ug/kg	50.0		128	70-130		
Isopropylbenzene	48			ug/kg	50.0		95.8	70-130		
p-Isopropyltoluene	50			ug/kg	50.0		99.5	70-130		
Methylene Chloride	57			ug/kg	50.0		114	60-140		
4-Methyl-2-pentanone	51			ug/kg	50.0		102	70-130		
Naphthalene	51			ug/kg	50.0		101	70-130		
n-Propylbenzene	49			ug/kg	50.0		98.0	70-130		
Styrene	51			ug/kg	50.0		102	70-130		
1,1,1,2-Tetrachloroethane	48			ug/kg	50.0		95.9	70-130		
Tetrachloroethene	50			ug/kg	50.0		99.9	70-130		
Tetrahydrofuran	55			ug/kg	50.0		109	50-150		
Toluene	52			ug/kg	50.0		104	70-130		
1,2,4-Trichlorobenzene	49			ug/kg	50.0		98.5	70-130		
1,2,3-Trichlorobenzene	49			ug/kg	50.0		97.6	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		100	70-130		
1,1,1-Trichloroethane	47			ug/kg	50.0		93.1	70-130		
Trichloroethene	49			ug/kg	50.0		99.0	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		94.6	70-130		
1,3,5-Trimethylbenzene	51			ug/kg	50.0		102	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		98.7	70-130		
Vinyl Chloride	42			ug/kg	50.0		83.7	60-140		
o-Xylene	48			ug/kg	50.0		95.3	70-130		
m&p-Xylene	97			ug/kg	100		96.8	70-130		
1,1,1,2,2-Tetrachloroethane	52			ug/kg	50.0		104	70-130		
tert-Amyl methyl ether	49			ug/kg	50.0		97.2	70-130		
1,3-Dichloropropane	53			ug/kg	50.0		105	70-130		
Ethyl tert-butyl ether	49			ug/kg	50.0		98.8	70-130		
Trichlorofluoromethane	46			ug/kg	50.0		92.1	70-130		
Dichlorodifluoromethane	32			ug/kg	50.0		63.0	60-140		
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Surrogate: 4-Bromofluorobenzene			49.4	ug/kg	50.0		98.8	70-130		
Surrogate: 1,2-Dichloroethane-d4			51.9	ug/kg	50.0		104	70-130		
Surrogate: Toluene-d8			51.4	ug/kg	50.0		103	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/10/23					
<b>LCS Dup (B3C0533-BSD1)</b>										
Acetone	116			ug/kg	50.0		232	60-140	2.82	30
Benzene	60			ug/kg	50.0		119	70-130	13.8	20
Bromobenzene	57			ug/kg	50.0		114	70-130	13.8	20
Bromochloromethane	60			ug/kg	50.0		121	70-130	11.0	20
Bromodichloromethane	57			ug/kg	50.0		114	70-130	12.9	20
Bromoform	55			ug/kg	50.0		111	70-130	10.4	20
Bromomethane	52			ug/kg	50.0		105	60-140	0.248	30
2-Butanone	74			ug/kg	50.0		148	60-140	12.7	30
tert-Butyl alcohol	61			ug/kg	50.0		121	70-130	1.92	20
sec-Butylbenzene	55			ug/kg	50.0		110	70-130	14.5	20
n-Butylbenzene	58			ug/kg	50.0		116	70-130	13.3	20
tert-Butylbenzene	54			ug/kg	50.0		108	70-130	13.9	20
Methyl t-butyl ether (MTBE)	54			ug/kg	50.0		107	70-130	9.53	20
Carbon Disulfide	47			ug/kg	50.0		94.0	50-150	11.8	40
Carbon Tetrachloride	52			ug/kg	50.0		104	70-130	11.7	20
Chlorobenzene	53			ug/kg	50.0		105	70-130	14.3	20
Chloroethane	55			ug/kg	50.0		110	60-140	45.4	30
Chloroform	56			ug/kg	50.0		111	70-130	8.94	20
Chloromethane	47			ug/kg	50.0		93.5	60-140	7.71	30
4-Chlorotoluene	54			ug/kg	50.0		108	70-130	12.0	20
2-Chlorotoluene	54			ug/kg	50.0		108	70-130	12.0	20
1,2-Dibromo-3-chloropropane (DBCP)	51			ug/kg	50.0		102	70-130	4.78	20
Dibromochloromethane	58			ug/kg	50.0		116	70-130	10.2	20
1,2-Dibromoethane (EDB)	59			ug/kg	50.0		117	70-130	8.76	20
Dibromomethane	58			ug/kg	50.0		117	60-140	9.90	30
1,2-Dichlorobenzene	56			ug/kg	50.0		112	70-130	11.6	20
1,3-Dichlorobenzene	55			ug/kg	50.0		110	70-130	12.4	20
1,4-Dichlorobenzene	54			ug/kg	50.0		108	70-130	11.9	20
1,1-Dichloroethane	58			ug/kg	50.0		116	70-130	13.3	20
1,2-Dichloroethane	53			ug/kg	50.0		106	70-130	13.4	20
trans-1,2-Dichloroethene	58			ug/kg	50.0		116	70-130	12.8	20
cis-1,2-Dichloroethene	59			ug/kg	50.0		118	70-130	12.6	20
1,1-Dichloroethene	57			ug/kg	50.0		113	70-130	11.8	20
1,2-Dichloropropane	58			ug/kg	50.0		117	70-130	9.82	20
2,2-Dichloropropane	52			ug/kg	50.0		104	70-130	9.80	20
cis-1,3-Dichloropropene	57			ug/kg	50.0		114	70-130	9.84	20
trans-1,3-Dichloropropene	57			ug/kg	50.0		113	70-130	10.5	20
1,1-Dichloropropene	56			ug/kg	50.0		111	70-130	11.4	20
Diethyl ether	62			ug/kg	50.0		124	60-140	10.6	30
1,4-Dioxane	263			ug/kg	250		105	0-200	0.729	50
Ethylbenzene	57			ug/kg	50.0		114	70-130	13.1	20
Hexachlorobutadiene	52			ug/kg	50.0		104	70-130	14.9	20
2-Hexanone	65			ug/kg	50.0		129	70-130	0.745	20
Isopropylbenzene	55			ug/kg	50.0		110	70-130	13.7	20
p-Isopropyltoluene	57			ug/kg	50.0		115	70-130	14.2	20
Methylene Chloride	60			ug/kg	50.0		119	60-140	4.50	30
4-Methyl-2-pentanone	53			ug/kg	50.0		106	70-130	3.25	20
Naphthalene	55			ug/kg	50.0		109	70-130	7.45	20
n-Propylbenzene	56			ug/kg	50.0		113	70-130	13.9	20
Styrene	58			ug/kg	50.0		117	70-130	13.6	20
1,1,1,2-Tetrachloroethane	54			ug/kg	50.0		109	70-130	12.4	20
Tetrachloroethene	57			ug/kg	50.0		113	70-130	12.5	20
Tetrahydrofuran	56			ug/kg	50.0		112	50-150	2.77	40
Toluene	58			ug/kg	50.0		115	70-130	9.95	20
1,2,4-Trichlorobenzene	55			ug/kg	50.0		111	70-130	11.8	20
1,2,3-Trichlorobenzene	55			ug/kg	50.0		110	70-130	12.4	20
1,1,2-Trichloroethane	55			ug/kg	50.0		111	70-130	8.97	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0533 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C0533-BSD1)</b>					Prepared & Analyzed: 03/10/23					
1,1,1-Trichloroethane	53			ug/kg	50.0		105	70-130	12.4	20
Trichloroethene	57			ug/kg	50.0		113	70-130	13.4	20
1,2,3-Trichloropropane	52			ug/kg	50.0		104	70-130	8.98	20
1,3,5-Trimethylbenzene	59			ug/kg	50.0		118	70-130	14.6	20
1,2,4-Trimethylbenzene	57			ug/kg	50.0		114	70-130	13.9	20
Vinyl Chloride	47			ug/kg	50.0		94.1	60-140	11.7	30
o-Xylene	55			ug/kg	50.0		110	70-130	14.7	20
m&p-Xylene	110			ug/kg	100		110	70-130	12.5	20
1,1,2,2-Tetrachloroethane	56			ug/kg	50.0		113	70-130	7.95	20
tert-Amyl methyl ether	54			ug/kg	50.0		108	70-130	10.5	20
1,3-Dichloropropane	59			ug/kg	50.0		118	70-130	11.1	20
Ethyl tert-butyl ether	55			ug/kg	50.0		110	70-130	10.3	20
Trichlorofluoromethane	53			ug/kg	50.0		107	70-130	14.8	20
Dichlorodifluoromethane	35			ug/kg	50.0		70.7	60-140	11.5	30
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Surrogate: 4-Bromofluorobenzene			50.0	ug/kg	50.0		99.9	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.3	ug/kg	50.0		101	70-130		
Surrogate: Toluene-d8			50.9	ug/kg	50.0		102	70-130		

**Batch: B3C0621 - EPA 5035**

**Blank (B3C0621-BLK1)**

Prepared & Analyzed: 03/14/23

Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>Blank (B3C0621-BLK1)</b>					Prepared & Analyzed: 03/14/23					
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		30	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
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Surrogate: 4-Bromofluorobenzene			46.5	ug/kg	50.0		93.0	70-130		
Surrogate: 1,2-Dichloroethane-d4			41.6	ug/kg	50.0		83.1	70-130		
Surrogate: Toluene-d8			50.2	ug/kg	50.0		100	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/14/23					
<b>LCS (B3C0621-BS1)</b>										
Acetone	105			ug/kg	50.0		210	60-140		
Benzene	48			ug/kg	50.0		96.4	70-130		
Bromobenzene	49			ug/kg	50.0		97.8	70-130		
Bromochloromethane	50			ug/kg	50.0		100	70-130		
Bromodichloromethane	45			ug/kg	50.0		90.7	70-130		
Bromoform	46			ug/kg	50.0		91.8	70-130		
Bromomethane	36			ug/kg	50.0		72.7	60-140		
2-Butanone	64			ug/kg	50.0		129	60-140		
tert-Butyl alcohol	52			ug/kg	50.0		105	70-130		
sec-Butylbenzene	46			ug/kg	50.0		91.4	70-130		
n-Butylbenzene	49			ug/kg	50.0		97.1	70-130		
tert-Butylbenzene	46			ug/kg	50.0		91.8	70-130		
Methyl t-butyl ether (MTBE)	44			ug/kg	50.0		88.2	70-130		
Carbon Disulfide	39			ug/kg	50.0		78.9	50-150		
Carbon Tetrachloride	41			ug/kg	50.0		82.5	70-130		
Chlorobenzene	45			ug/kg	50.0		90.2	70-130		
Chloroethane	34			ug/kg	50.0		68.8	60-140		
Chloroform	45			ug/kg	50.0		89.1	70-130		
Chloromethane	39			ug/kg	50.0		78.7	60-140		
4-Chlorotoluene	47			ug/kg	50.0		94.4	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.2	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	44			ug/kg	50.0		88.3	70-130		
Dibromochloromethane	47			ug/kg	50.0		93.9	70-130		
1,2-Dibromoethane (EDB)	49			ug/kg	50.0		97.4	70-130		
Dibromomethane	50			ug/kg	50.0		99.0	60-140		
1,2-Dichlorobenzene	49			ug/kg	50.0		97.6	70-130		
1,3-Dichlorobenzene	47			ug/kg	50.0		95.0	70-130		
1,4-Dichlorobenzene	47			ug/kg	50.0		94.3	70-130		
1,1-Dichloroethane	47			ug/kg	50.0		94.4	70-130		
1,2-Dichloroethane	43			ug/kg	50.0		86.0	70-130		
trans-1,2-Dichloroethene	47			ug/kg	50.0		94.1	70-130		
cis-1,2-Dichloroethene	48			ug/kg	50.0		96.9	70-130		
1,1-Dichloroethene	46			ug/kg	50.0		91.8	70-130		
1,2-Dichloropropane	48			ug/kg	50.0		96.7	70-130		
2,2-Dichloropropane	43			ug/kg	50.0		85.1	70-130		
cis-1,3-Dichloropropene	46			ug/kg	50.0		92.6	70-130		
trans-1,3-Dichloropropene	46			ug/kg	50.0		91.6	70-130		
1,1-Dichloropropene	44			ug/kg	50.0		88.7	70-130		
Diethyl ether	51			ug/kg	50.0		103	60-140		
1,4-Dioxane	234			ug/kg	250		93.6	0-200		
Ethylbenzene	49			ug/kg	50.0		98.2	70-130		
Hexachlorobutadiene	39			ug/kg	50.0		77.6	70-130		
2-Hexanone	55			ug/kg	50.0		110	70-130		
Isopropylbenzene	47			ug/kg	50.0		95.0	70-130		
p-Isopropyltoluene	48			ug/kg	50.0		96.5	70-130		
Methylene Chloride	99			ug/kg	50.0		198	60-140		
4-Methyl-2-pentanone	45			ug/kg	50.0		89.1	70-130		
Naphthalene	50			ug/kg	50.0		99.9	70-130		
n-Propylbenzene	48			ug/kg	50.0		96.9	70-130		
Styrene	50			ug/kg	50.0		99.4	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.7	70-130		
Tetrachloroethene	47			ug/kg	50.0		94.2	70-130		
Tetrahydrofuran	49			ug/kg	50.0		97.3	50-150		
Toluene	48			ug/kg	50.0		96.3	70-130		
1,2,4-Trichlorobenzene	47			ug/kg	50.0		94.1	70-130		
1,2,3-Trichlorobenzene	46			ug/kg	50.0		92.7	70-130		
1,1,2-Trichloroethane	46			ug/kg	50.0		91.0	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>LCS (B3C0621-BS1)</b>					Prepared & Analyzed: 03/14/23					
1,1,1-Trichloroethane	42			ug/kg	50.0		84.8	70-130		
Trichloroethene	46			ug/kg	50.0		92.6	70-130		
1,2,3-Trichloropropane	45			ug/kg	50.0		90.6	70-130		
1,3,5-Trimethylbenzene	50			ug/kg	50.0		101	70-130		
1,2,4-Trimethylbenzene	49			ug/kg	50.0		98.4	70-130		
Vinyl Chloride	38			ug/kg	50.0		76.5	60-140		
o-Xylene	47			ug/kg	50.0		94.6	70-130		
m&p-Xylene	95			ug/kg	100		95.4	70-130		
1,1,2,2-Tetrachloroethane	49			ug/kg	50.0		98.5	70-130		
tert-Amyl methyl ether	43			ug/kg	50.0		86.1	70-130		
1,3-Dichloropropane	49			ug/kg	50.0		98.3	70-130		
Ethyl tert-butyl ether	44			ug/kg	50.0		88.4	70-130		
Trichlorofluoromethane	41			ug/kg	50.0		81.3	70-130		
Dichlorodifluoromethane	27			ug/kg	50.0		53.4	60-140		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.9</i>	ug/kg	<i>50.0</i>		<i>97.9</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>50.5</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.3</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<b>LCS Dup (B3C0621-BSD1)</b>					Prepared & Analyzed: 03/14/23					
Acetone	90			ug/kg	50.0		180	60-140	15.7	30
Benzene	52			ug/kg	50.0		104	70-130	7.41	20
Bromobenzene	52			ug/kg	50.0		104	70-130	6.44	20
Bromochloromethane	53			ug/kg	50.0		106	70-130	5.54	20
Bromodichloromethane	48			ug/kg	50.0		96.7	70-130	6.45	20
Bromoform	48			ug/kg	50.0		95.7	70-130	4.10	20
Bromomethane	50			ug/kg	50.0		99.8	60-140	31.4	30
2-Butanone	54			ug/kg	50.0		108	60-140	17.3	30
tert-Butyl alcohol	55			ug/kg	50.0		110	70-130	5.21	20
sec-Butylbenzene	49			ug/kg	50.0		98.8	70-130	7.78	20
n-Butylbenzene	53			ug/kg	50.0		106	70-130	8.93	20
tert-Butylbenzene	49			ug/kg	50.0		98.4	70-130	6.94	20
Methyl t-butyl ether (MTBE)	46			ug/kg	50.0		92.3	70-130	4.56	20
Carbon Disulfide	41			ug/kg	50.0		81.5	50-150	3.19	40
Carbon Tetrachloride	42			ug/kg	50.0		84.2	70-130	1.99	20
Chlorobenzene	48			ug/kg	50.0		96.3	70-130	6.61	20
Chloroethane	40			ug/kg	50.0		79.4	60-140	14.2	30
Chloroform	48			ug/kg	50.0		96.2	70-130	7.68	20
Chloromethane	42			ug/kg	50.0		84.4	60-140	6.99	30
4-Chlorotoluene	50			ug/kg	50.0		101	70-130	6.66	20
2-Chlorotoluene	50			ug/kg	50.0		101	70-130	6.65	20
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/kg	50.0		91.2	70-130	3.19	20
Dibromochloromethane	50			ug/kg	50.0		99.2	70-130	5.47	20
1,2-Dibromoethane (EDB)	51			ug/kg	50.0		102	70-130	4.83	20
Dibromomethane	53			ug/kg	50.0		105	60-140	6.20	30
1,2-Dichlorobenzene	52			ug/kg	50.0		104	70-130	6.49	20
1,3-Dichlorobenzene	51			ug/kg	50.0		101	70-130	6.48	20
1,4-Dichlorobenzene	50			ug/kg	50.0		101	70-130	6.74	20
1,1-Dichloroethane	51			ug/kg	50.0		102	70-130	7.29	20
1,2-Dichloroethane	45			ug/kg	50.0		90.8	70-130	5.50	20
trans-1,2-Dichloroethene	50			ug/kg	50.0		100	70-130	6.54	20
cis-1,2-Dichloroethene	52			ug/kg	50.0		104	70-130	7.39	20
1,1-Dichloroethene	47			ug/kg	50.0		94.7	70-130	3.13	20
1,2-Dichloropropane	51			ug/kg	50.0		103	70-130	6.17	20
2,2-Dichloropropane	45			ug/kg	50.0		90.1	70-130	5.73	20
cis-1,3-Dichloropropene	50			ug/kg	50.0		99.6	70-130	7.33	20
trans-1,3-Dichloropropene	49			ug/kg	50.0		97.5	70-130	6.20	20
1,1-Dichloropropene	47			ug/kg	50.0		94.6	70-130	6.46	20



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0621 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C0621-BSD1)</b>					Prepared & Analyzed: 03/14/23					
Diethyl ether	55			ug/kg	50.0		109	60-140	6.36	30
1,4-Dioxane	229			ug/kg	250		91.6	0-200	2.16	50
Ethylbenzene	52			ug/kg	50.0		104	70-130	5.37	20
Hexachlorobutadiene	45			ug/kg	50.0		89.4	70-130	14.2	20
2-Hexanone	49			ug/kg	50.0		97.9	70-130	11.6	20
Isopropylbenzene	50			ug/kg	50.0		101	70-130	5.67	20
p-Isopropyltoluene	52			ug/kg	50.0		105	70-130	8.42	20
Methylene Chloride	144			ug/kg	50.0		288	60-140	37.0	30
4-Methyl-2-pentanone	45			ug/kg	50.0		90.4	70-130	1.49	20
Naphthalene	52			ug/kg	50.0		104	70-130	4.19	20
n-Propylbenzene	51			ug/kg	50.0		103	70-130	5.91	20
Styrene	53			ug/kg	50.0		106	70-130	5.97	20
1,1,1,2-Tetrachloroethane	48			ug/kg	50.0		96.6	70-130	5.25	20
Tetrachloroethene	49			ug/kg	50.0		97.9	70-130	3.87	20
Tetrahydrofuran	49			ug/kg	50.0		97.6	50-150	0.246	40
Toluene	51			ug/kg	50.0		102	70-130	5.95	20
1,2,4-Trichlorobenzene	51			ug/kg	50.0		103	70-130	8.62	20
1,2,3-Trichlorobenzene	51			ug/kg	50.0		102	70-130	9.52	20
1,1,2-Trichloroethane	49			ug/kg	50.0		97.3	70-130	6.71	20
1,1,1-Trichloroethane	46			ug/kg	50.0		91.1	70-130	7.09	20
Trichloroethene	49			ug/kg	50.0		98.7	70-130	6.35	20
1,2,3-Trichloropropane	46			ug/kg	50.0		92.6	70-130	2.21	20
1,3,5-Trimethylbenzene	54			ug/kg	50.0		107	70-130	5.97	20
1,2,4-Trimethylbenzene	53			ug/kg	50.0		105	70-130	6.70	20
Vinyl Chloride	41			ug/kg	50.0		81.7	60-140	6.55	30
o-Xylene	51			ug/kg	50.0		101	70-130	6.74	20
m&p-Xylene	101			ug/kg	100		101	70-130	5.34	20
1,1,1,2,2-Tetrachloroethane	52			ug/kg	50.0		103	70-130	4.57	20
tert-Amyl methyl ether	46			ug/kg	50.0		92.4	70-130	7.04	20
1,3-Dichloropropane	51			ug/kg	50.0		103	70-130	4.24	20
Ethyl tert-butyl ether	47			ug/kg	50.0		93.8	70-130	5.93	20
Trichlorofluoromethane	45			ug/kg	50.0		90.1	70-130	10.3	20
Dichlorodifluoromethane	29			ug/kg	50.0		57.0	60-140	6.55	30
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Surrogate: 4-Bromofluorobenzene			48.8	ug/kg	50.0		97.7	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.8	ug/kg	50.0		102	70-130		
Surrogate: Toluene-d8			50.9	ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0461 - EPA 3546</b>										
<b>Blank (B3C0461-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			2350	ug/kg	3310		70.8	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2530	ug/kg	3310		76.4	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2490	ug/kg	3310		75.2	34-130		
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<b>LCS (B3C0461-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	2040		129	ug/kg	3310		61.5	40-140		
Acenaphthene	2060		129	ug/kg	3310		62.2	40-140		
Acenaphthylene	2150		129	ug/kg	3310		64.8	40-140		
Anthracene	2160		129	ug/kg	3310		65.2	40-140		
Benzo(a)anthracene	2190		129	ug/kg	3310		66.1	40-140		
Benzo(a)pyrene	2220		129	ug/kg	3310		66.9	40-140		
Benzo(b)fluoranthene	2360		129	ug/kg	3310		71.4	40-140		
Benzo(g,h,i)perylene	2020		129	ug/kg	3310		61.1	40-140		
Benzo(k)fluoranthene	2440		129	ug/kg	3310		73.7	40-140		
Chrysene	2220		129	ug/kg	3310		67.2	40-140		
Dibenz(a,h)anthracene	1980		129	ug/kg	3310		59.8	40-140		
Dibenzofuran	2150		129	ug/kg	3310		65.1	40-140		
Fluoranthene	2250		129	ug/kg	3310		68.1	40-140		
Fluorene	2310		129	ug/kg	3310		69.8	40-140		
Indeno(1,2,3-cd)pyrene	1910		129	ug/kg	3310		57.5	40-140		
Naphthalene	2120		129	ug/kg	3310		63.9	40-140		
Phenanthrene	2220		129	ug/kg	3310		67.2	40-140		
Pyrene	2390		129	ug/kg	3310		72.2	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2280	ug/kg	3310		68.8	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2260	ug/kg	3310		68.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2430	ug/kg	3310		73.3	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0461 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3C0461-BSD1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
2-Methylnaphthalene	2430		129	ug/kg	3310		73.3	40-140	17.5	30
Acenaphthene	2500		129	ug/kg	3310		75.6	40-140	19.4	30
Acenaphthylene	2540		129	ug/kg	3310		76.6	40-140	16.6	30
Anthracene	2590		129	ug/kg	3310		78.1	40-140	18.1	30
Benzo(a)anthracene	2610		129	ug/kg	3310		78.8	40-140	17.5	30
Benzo(a)pyrene	2620		129	ug/kg	3310		79.1	40-140	16.7	30
Benzo(b)fluoranthene	2770		129	ug/kg	3310		83.8	40-140	16.0	30
Benzo(g,h,i)perylene	2450		129	ug/kg	3310		73.9	40-140	18.9	30
Benzo(k)fluoranthene	2890		129	ug/kg	3310		87.2	40-140	16.7	30
Chrysene	2630		129	ug/kg	3310		79.4	40-140	16.7	30
Dibenz(a,h)anthracene	2330		129	ug/kg	3310		70.5	40-140	16.3	30
Dibenzofuran	2570		129	ug/kg	3310		77.7	40-140	17.7	30
Fluoranthene	2660		129	ug/kg	3310		80.3	40-140	16.4	30
Fluorene	2720		129	ug/kg	3310		82.2	40-140	16.4	30
Indeno(1,2,3-cd)pyrene	2280		129	ug/kg	3310		68.8	40-140	17.8	30
Naphthalene	2560		129	ug/kg	3310		77.4	40-140	19.2	30
Phenanthrene	2650		129	ug/kg	3310		80.1	40-140	17.6	30
Pyrene	2810		129	ug/kg	3310		84.7	40-140	16.0	30
<i>Surrogate: Nitrobenzene-d5</i>			<i>2580</i>	<i>ug/kg</i>	<i>3310</i>		<i>78.0</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2510</i>	<i>ug/kg</i>	<i>3310</i>		<i>75.8</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2760</i>	<i>ug/kg</i>	<i>3310</i>		<i>83.2</i>	<i>34-130</i>		

**Batch: B3C0565 - EPA 3546**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Blank (B3C0565-BLK1)</b>										
					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<i>Surrogate: Nitrobenzene-d5</i>			<i>3260</i>	<i>ug/kg</i>	<i>3310</i>		<i>98.5</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>3420</i>	<i>ug/kg</i>	<i>3310</i>		<i>103</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>3110</i>	<i>ug/kg</i>	<i>3310</i>		<i>93.8</i>	<i>34-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0565 - EPA 3546 (Continued)</b>										
<b>LCS (B3C0565-BS1)</b>										
					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	2780		129	ug/kg	3310		83.8	40-140		
Acenaphthene	2770		129	ug/kg	3310		83.8	40-140		
Acenaphthylene	2840		129	ug/kg	3310		85.7	40-140		
Anthracene	2890		129	ug/kg	3310		87.4	40-140		
Benzo(a)anthracene	2990		129	ug/kg	3310		90.4	40-140		
Benzo(a)pyrene	3150		129	ug/kg	3310		95.1	40-140		
Benzo(b)fluoranthene	3220		129	ug/kg	3310		97.3	40-140		
Benzo(g,h,i)perylene	2840		129	ug/kg	3310		85.9	40-140		
Benzo(k)fluoranthene	3440		129	ug/kg	3310		104	40-140		
Chrysene	3020		129	ug/kg	3310		91.2	40-140		
Dibenz(a,h)anthracene	3020		129	ug/kg	3310		91.1	40-140		
Dibenzofuran	2860		129	ug/kg	3310		86.4	40-140		
Fluoranthene	3010		129	ug/kg	3310		90.8	40-140		
Fluorene	2960		129	ug/kg	3310		89.5	40-140		
Indeno(1,2,3-cd)pyrene	2840		129	ug/kg	3310		85.6	40-140		
Naphthalene	2820		129	ug/kg	3310		85.3	40-140		
Phenanthrene	2960		129	ug/kg	3310		89.3	40-140		
Pyrene	2850		129	ug/kg	3310		86.0	40-140		
<i>Surrogate: Nitrobenzene-d5</i>			3380	ug/kg	6620		51.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3430	ug/kg	6620		51.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3360	ug/kg	6620		50.7	34-130		
<b>LCS Dup (B3C0565-BSD1)</b>										
					Prepared: 03/14/23 Analyzed: 03/16/23					
2-Methylnaphthalene	2540		129	ug/kg	3310		76.7	40-140	8.92	30
Acenaphthene	2510		129	ug/kg	3310		75.9	40-140	9.87	30
Acenaphthylene	2560		129	ug/kg	3310		77.3	40-140	10.3	30
Anthracene	2650		129	ug/kg	3310		80.0	40-140	8.86	30
Benzo(a)anthracene	2720		129	ug/kg	3310		82.3	40-140	9.38	30
Benzo(a)pyrene	2820		129	ug/kg	3310		85.2	40-140	11.0	30
Benzo(b)fluoranthene	2870		129	ug/kg	3310		86.8	40-140	11.5	30
Benzo(g,h,i)perylene	2550		129	ug/kg	3310		76.9	40-140	11.0	30
Benzo(k)fluoranthene	3100		129	ug/kg	3310		93.5	40-140	10.6	30
Chrysene	2760		129	ug/kg	3310		83.4	40-140	9.03	30
Dibenz(a,h)anthracene	2680		129	ug/kg	3310		80.8	40-140	11.9	30
Dibenzofuran	2560		129	ug/kg	3310		77.4	40-140	11.0	30
Fluoranthene	2690		129	ug/kg	3310		81.1	40-140	11.3	30
Fluorene	2610		129	ug/kg	3310		79.0	40-140	12.5	30
Indeno(1,2,3-cd)pyrene	2550		129	ug/kg	3310		77.0	40-140	10.6	30
Naphthalene	2590		129	ug/kg	3310		78.2	40-140	8.59	30
Phenanthrene	2710		129	ug/kg	3310		81.8	40-140	8.82	30
Pyrene	2630		129	ug/kg	3310		79.5	40-140	7.83	30
<i>Surrogate: Nitrobenzene-d5</i>			3020	ug/kg	6620		45.6	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3160	ug/kg	6620		47.7	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3010	ug/kg	6620		45.5	34-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C0475 - EPA 3546</b>										
<b>Blank (B3C0475-BLK1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			9.06	mg/kg	8.33		109	50-130		
<b>LCS (B3C0475-BS1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	347		27	mg/kg	667		52.0	44.7-125		
-----										
Surrogate: Chlorooctadecane			9.47	mg/kg	8.33		114	50-130		
<b>LCS Dup (B3C0475-BSD1)</b>										
					Prepared: 03/10/23 Analyzed: 03/13/23					
Total Petroleum Hydrocarbons	461		27	mg/kg	667		69.1	44.7-125	28.2	200
-----										
Surrogate: Chlorooctadecane			10.3	mg/kg	8.33		123	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS		
Client: Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI							AQUEOUS	SOIL	OTHER	TPH 8100M		VOCs 8260	PAHs 8270
Report To: abarton@parecorp.com; mflynn@parecorp.com													
Invoice To: Accounting													
Date:	Time:	COMP	GRAB	Sample I.D.									
3/9/23	11:10		X	BOT 134		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X
	11:50		X	SW 133									
	12:10		X	SW 132									
	12:40		X	SW 131									
	12:50		X	SW 130									
	13:50		X	SW 129									
	14:20		X	SW 128									
	14:50		X	SW 126									

Sampled by (Signature): <i>Orville Bauerman</i>	Date / Time: 3/9/23 15:00	Received by (Signature): <i>Bill Wood</i>	Date / Time: 3/9/23 15:00	Laboratory Remarks: Temp. received: <u>2</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>  Turnaround (Business Days): <u>Std.</u>
Relinquished by (Signature): <i>Bill Wood</i>	Date / Time: 3-9-23 15:50	Received by (Signature):	Date / Time:		
Relinquished by (Signature):	Date / Time:	Received for Laboratory by (Signature): <i>Alyssa Terenzi</i>	Date / Time: 3/9/23 15:50		

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3C22073**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 28-March-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com



### ***Samples Submitted :***

The samples listed below were submitted to New England Testing Laboratory on 03/22/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3C22073. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3C22073-01	SW 157 A	Soil	03/22/2023	03/22/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **SW 157 A (Lab Number: 3C22073-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

### Results: Total Metals

**Sample: SW 157 A**

**Lab Number: 3C22073-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.56		1.14	mg/kg	03/23/23	03/24/23
Lead	10.2		0.57	mg/kg	03/23/23	03/24/23

## Results: Volatile Organic Compounds

**Sample: SW 157 A**

**Lab Number: 3C22073-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/24/23	03/24/23
Benzene	ND		5	ug/kg	03/24/23	03/24/23
Bromobenzene	ND		5	ug/kg	03/24/23	03/24/23
Bromochloromethane	ND		5	ug/kg	03/24/23	03/24/23
Bromodichloromethane	ND		5	ug/kg	03/24/23	03/24/23
Bromoform	ND		5	ug/kg	03/24/23	03/24/23
Bromomethane	ND		5	ug/kg	03/24/23	03/24/23
2-Butanone	ND		5	ug/kg	03/24/23	03/24/23
tert-Butyl alcohol	ND		5	ug/kg	03/24/23	03/24/23
sec-Butylbenzene	ND		5	ug/kg	03/24/23	03/24/23
n-Butylbenzene	ND		5	ug/kg	03/24/23	03/24/23
tert-Butylbenzene	ND		5	ug/kg	03/24/23	03/24/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/24/23	03/24/23
Carbon Disulfide	ND		5	ug/kg	03/24/23	03/24/23
Carbon Tetrachloride	ND		5	ug/kg	03/24/23	03/24/23
Chlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
Chloroethane	ND		5	ug/kg	03/24/23	03/24/23
Chloroform	ND		5	ug/kg	03/24/23	03/24/23
Chloromethane	ND		5	ug/kg	03/24/23	03/24/23
4-Chlorotoluene	ND		5	ug/kg	03/24/23	03/24/23
2-Chlorotoluene	ND		5	ug/kg	03/24/23	03/24/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/24/23	03/24/23
Dibromochloromethane	ND		5	ug/kg	03/24/23	03/24/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/24/23	03/24/23
Dibromomethane	ND		5	ug/kg	03/24/23	03/24/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
1,1-Dichloroethane	ND		5	ug/kg	03/24/23	03/24/23
1,2-Dichloroethane	ND		5	ug/kg	03/24/23	03/24/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/24/23	03/24/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/24/23	03/24/23
1,1-Dichloroethene	ND		5	ug/kg	03/24/23	03/24/23
1,2-Dichloropropane	ND		5	ug/kg	03/24/23	03/24/23
2,2-Dichloropropane	ND		5	ug/kg	03/24/23	03/24/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/24/23	03/24/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/24/23	03/24/23
1,1-Dichloropropene	ND		5	ug/kg	03/24/23	03/24/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/24/23	03/24/23
Diethyl ether	ND		5	ug/kg	03/24/23	03/24/23
1,4-Dioxane	ND		107	ug/kg	03/24/23	03/24/23
Ethylbenzene	ND		5	ug/kg	03/24/23	03/24/23
Hexachlorobutadiene	ND		5	ug/kg	03/24/23	03/24/23
2-Hexanone	ND		5	ug/kg	03/24/23	03/24/23
Isopropylbenzene	ND		5	ug/kg	03/24/23	03/24/23
p-Isopropyltoluene	ND		5	ug/kg	03/24/23	03/24/23
Methylene Chloride	ND		5	ug/kg	03/24/23	03/24/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/24/23	03/24/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW 157 A (Continued)**

**Lab Number: 3C22073-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/24/23	03/24/23
n-Propylbenzene	ND		5	ug/kg	03/24/23	03/24/23
Styrene	ND		5	ug/kg	03/24/23	03/24/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/24/23	03/24/23
Tetrachloroethene	ND		5	ug/kg	03/24/23	03/24/23
Tetrahydrofuran	ND		5	ug/kg	03/24/23	03/24/23
Toluene	ND		5	ug/kg	03/24/23	03/24/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/24/23	03/24/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/24/23	03/24/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/24/23	03/24/23
Trichloroethene	ND		5	ug/kg	03/24/23	03/24/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/24/23	03/24/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/24/23	03/24/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/24/23	03/24/23
Vinyl Chloride	ND		5	ug/kg	03/24/23	03/24/23
o-Xylene	ND		5	ug/kg	03/24/23	03/24/23
m&p-Xylene	ND		11	ug/kg	03/24/23	03/24/23
Total xylenes	ND		5	ug/kg	03/24/23	03/24/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/24/23	03/24/23
tert-Amyl methyl ether	ND		5	ug/kg	03/24/23	03/24/23
1,3-Dichloropropane	ND		5	ug/kg	03/24/23	03/24/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/24/23	03/24/23
Diisopropyl ether	ND		5	ug/kg	03/24/23	03/24/23
Trichlorofluoromethane	ND		5	ug/kg	03/24/23	03/24/23
Dichlorodifluoromethane	ND		5	ug/kg	03/24/23	03/24/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>91.0%</i>		<i>70-130</i>		<i>03/24/23</i>	<i>03/24/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>92.1%</i>		<i>70-130</i>		<i>03/24/23</i>	<i>03/24/23</i>
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		<i>03/24/23</i>	<i>03/24/23</i>

## Results: Semivolatile organic compounds

**Sample: SW 157 A**

**Lab Number: 3C22073-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	03/24/23	03/27/23
Acenaphthene	ND		146	ug/kg	03/24/23	03/27/23
Acenaphthylene	ND		146	ug/kg	03/24/23	03/27/23
Anthracene	ND		146	ug/kg	03/24/23	03/27/23
Benzo(a)anthracene	ND		146	ug/kg	03/24/23	03/27/23
Benzo(a)pyrene	ND		146	ug/kg	03/24/23	03/27/23
Benzo(b)fluoranthene	ND		146	ug/kg	03/24/23	03/27/23
Benzo(g,h,i)perylene	ND		146	ug/kg	03/24/23	03/27/23
Benzo(k)fluoranthene	ND		146	ug/kg	03/24/23	03/27/23
Chrysene	ND		146	ug/kg	03/24/23	03/27/23
Dibenz(a,h)anthracene	ND		146	ug/kg	03/24/23	03/27/23
Dibenzofuran	ND		146	ug/kg	03/24/23	03/27/23
Fluoranthene	ND		146	ug/kg	03/24/23	03/27/23
Fluorene	ND		146	ug/kg	03/24/23	03/27/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	03/24/23	03/27/23
Naphthalene	ND		146	ug/kg	03/24/23	03/27/23
Phenanthrene	ND		146	ug/kg	03/24/23	03/27/23
Pyrene	ND		146	ug/kg	03/24/23	03/27/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	36.1%		30-126		03/24/23	03/27/23
<i>p-Terphenyl-d14</i>	86.5%		47-130		03/24/23	03/27/23
<i>2-Fluorobiphenyl</i>	43.3%		34-130		03/24/23	03/27/23

**Results: Total Petroleum Hydrocarbons****Sample: SW 157 A****Lab Number: 3C22073-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/24/23	03/27/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>111%</i>		<i>50-130</i>		03/24/23	03/27/23



## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1006 - Metals Digestion Soils</b>										
<b>Blank (B3C1006-BLK1)</b>					Prepared & Analyzed: 03/23/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3C1006-BS1)</b>					Prepared & Analyzed: 03/23/23					
Arsenic	20.9		1.00	mg/kg	20.0		104	85-115		
Lead	102		0.50	mg/kg	100		102	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1113 - EPA 5035</b>										
<b>Blank (B3C1113-BLK1)</b>					Prepared & Analyzed: 03/24/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1113 - EPA 5035 (Continued)</b>										
<b>Blank (B3C1113-BLK1)</b>					Prepared & Analyzed: 03/24/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>44.1</i>	<i>ug/kg</i>	<i>50.0</i>		<i>88.3</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>57.6</i>	<i>ug/kg</i>	<i>50.0</i>		<i>115</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>53.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>108</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3C1113-BS1)</b>					Prepared & Analyzed: 03/24/23					
Acetone	51			ug/kg	50.0		101	60-140		
Benzene	52			ug/kg	50.0		104	70-130		
Bromobenzene	56			ug/kg	50.0		111	70-130		
Bromochloromethane	46			ug/kg	50.0		92.2	70-130		
Bromodichloromethane	54			ug/kg	50.0		109	70-130		
Bromoform	53			ug/kg	50.0		106	70-130		
Bromomethane	60			ug/kg	50.0		119	60-140		
2-Butanone	43			ug/kg	50.0		85.6	60-140		
tert-Butyl alcohol	48			ug/kg	50.0		95.6	70-130		
sec-Butylbenzene	64			ug/kg	50.0		128	70-130		
n-Butylbenzene	58			ug/kg	50.0		117	70-130		
tert-Butylbenzene	60			ug/kg	50.0		120	70-130		
Methyl t-butyl ether (MTBE)	64			ug/kg	50.0		127	70-130		
Carbon Disulfide	59			ug/kg	50.0		118	50-150		
Carbon Tetrachloride	48			ug/kg	50.0		95.7	70-130		
Chlorobenzene	51			ug/kg	50.0		102	70-130		
Chloroethane	52			ug/kg	50.0		104	60-140		
Chloroform	48			ug/kg	50.0		96.4	70-130		
Chloromethane	60			ug/kg	50.0		119	60-140		
4-Chlorotoluene	56			ug/kg	50.0		112	70-130		
2-Chlorotoluene	57			ug/kg	50.0		114	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	49			ug/kg	50.0		97.2	70-130		
Dibromochloromethane	49			ug/kg	50.0		97.8	70-130		
1,2-Dibromoethane (EDB)	50			ug/kg	50.0		99.0	70-130		
Dibromomethane	54			ug/kg	50.0		108	60-140		
1,2-Dichlorobenzene	53			ug/kg	50.0		106	70-130		
1,3-Dichlorobenzene	58			ug/kg	50.0		116	70-130		
1,4-Dichlorobenzene	53			ug/kg	50.0		106	70-130		
1,1-Dichloroethane	58			ug/kg	50.0		116	70-130		
1,2-Dichloroethane	47			ug/kg	50.0		94.4	70-130		
trans-1,2-Dichloroethene	63			ug/kg	50.0		125	70-130		
cis-1,2-Dichloroethene	49			ug/kg	50.0		97.6	70-130		
1,1-Dichloroethene	71			ug/kg	50.0		143	70-130		
1,2-Dichloropropane	50			ug/kg	50.0		99.2	70-130		
2,2-Dichloropropane	52			ug/kg	50.0		104	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1113 - EPA 5035 (Continued)</b>										
<b>LCS (B3C1113-BS1)</b>					Prepared & Analyzed: 03/24/23					
cis-1,3-Dichloropropene	47			ug/kg	50.0		94.1	70-130		
trans-1,3-Dichloropropene	49			ug/kg	50.0		97.4	70-130		
1,1-Dichloropropene	49			ug/kg	50.0		97.4	70-130		
Diethyl ether	59			ug/kg	50.0		118	60-140		
1,4-Dioxane	241			ug/kg	250		96.3	0-200		
Ethylbenzene	55			ug/kg	50.0		110	70-130		
Hexachlorobutadiene	54			ug/kg	50.0		108	70-130		
2-Hexanone	43			ug/kg	50.0		85.8	70-130		
Isopropylbenzene	59			ug/kg	50.0		117	70-130		
p-Isopropyltoluene	59			ug/kg	50.0		118	70-130		
Methylene Chloride	54			ug/kg	50.0		107	60-140		
4-Methyl-2-pentanone	45			ug/kg	50.0		90.8	70-130		
Naphthalene	45			ug/kg	50.0		90.8	70-130		
n-Propylbenzene	59			ug/kg	50.0		119	70-130		
Styrene	57			ug/kg	50.0		115	70-130		
1,1,1,2-Tetrachloroethane	52			ug/kg	50.0		105	70-130		
Tetrachloroethene	49			ug/kg	50.0		98.6	70-130		
Tetrahydrofuran	48			ug/kg	50.0		95.8	50-150		
Toluene	51			ug/kg	50.0		102	70-130		
1,2,4-Trichlorobenzene	50			ug/kg	50.0		99.9	70-130		
1,2,3-Trichlorobenzene	51			ug/kg	50.0		101	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		100	70-130		
1,1,1-Trichloroethane	51			ug/kg	50.0		103	70-130		
Trichloroethene	51			ug/kg	50.0		102	70-130		
1,2,3-Trichloropropane	52			ug/kg	50.0		104	70-130		
1,3,5-Trimethylbenzene	59			ug/kg	50.0		118	70-130		
1,2,4-Trimethylbenzene	58			ug/kg	50.0		117	70-130		
Vinyl Chloride	60			ug/kg	50.0		119	60-140		
o-Xylene	55			ug/kg	50.0		110	70-130		
m&p-Xylene	108			ug/kg	100		108	70-130		
1,1,1,2-Tetrachloroethane	53			ug/kg	50.0		105	70-130		
tert-Amyl methyl ether	49			ug/kg	50.0		98.4	70-130		
1,3-Dichloropropane	50			ug/kg	50.0		100	70-130		
Ethyl tert-butyl ether	45			ug/kg	50.0		90.0	70-130		
Trichlorofluoromethane	59			ug/kg	50.0		118	70-130		
Dichlorodifluoromethane	59			ug/kg	50.0		117	60-140		
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Surrogate: 4-Bromofluorobenzene			49.2	ug/kg	50.0		98.3	70-130		
Surrogate: 1,2-Dichloroethane-d4			46.5	ug/kg	50.0		93.0	70-130		
Surrogate: Toluene-d8			45.5	ug/kg	50.0		91.0	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1113 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/24/23					
<b>LCS Dup (B3C1113-BSD1)</b>										
Acetone	54			ug/kg	50.0		107	60-140	5.35	30
Benzene	48			ug/kg	50.0		95.2	70-130	8.59	20
Bromobenzene	53			ug/kg	50.0		105	70-130	5.23	20
Bromochloromethane	46			ug/kg	50.0		92.7	70-130	0.541	20
Bromodichloromethane	52			ug/kg	50.0		104	70-130	4.81	20
Bromoform	54			ug/kg	50.0		107	70-130	1.80	20
Bromomethane	70			ug/kg	50.0		140	60-140	15.9	30
2-Butanone	42			ug/kg	50.0		85.0	60-140	0.703	30
tert-Butyl alcohol	41			ug/kg	50.0		81.1	70-130	16.4	20
sec-Butylbenzene	61			ug/kg	50.0		122	70-130	4.90	20
n-Butylbenzene	59			ug/kg	50.0		118	70-130	1.00	20
tert-Butylbenzene	57			ug/kg	50.0		114	70-130	5.13	20
Methyl t-butyl ether (MTBE)	65			ug/kg	50.0		129	70-130	1.51	20
Carbon Disulfide	62			ug/kg	50.0		124	50-150	4.89	40
Carbon Tetrachloride	46			ug/kg	50.0		91.0	70-130	5.01	20
Chlorobenzene	52			ug/kg	50.0		104	70-130	2.14	20
Chloroethane	50			ug/kg	50.0		99.9	60-140	4.29	30
Chloroform	47			ug/kg	50.0		93.8	70-130	2.80	20
Chloromethane	58			ug/kg	50.0		116	60-140	2.79	30
4-Chlorotoluene	55			ug/kg	50.0		110	70-130	1.35	20
2-Chlorotoluene	54			ug/kg	50.0		108	70-130	5.64	20
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/kg	50.0		91.9	70-130	5.58	20
Dibromochloromethane	44			ug/kg	50.0		89.0	70-130	9.38	20
1,2-Dibromoethane (EDB)	47			ug/kg	50.0		93.6	70-130	5.63	20
Dibromomethane	52			ug/kg	50.0		104	60-140	3.65	30
1,2-Dichlorobenzene	54			ug/kg	50.0		107	70-130	1.28	20
1,3-Dichlorobenzene	56			ug/kg	50.0		113	70-130	3.00	20
1,4-Dichlorobenzene	54			ug/kg	50.0		107	70-130	0.917	20
1,1-Dichloroethane	56			ug/kg	50.0		112	70-130	3.41	20
1,2-Dichloroethane	47			ug/kg	50.0		93.1	70-130	1.37	20
trans-1,2-Dichloroethene	62			ug/kg	50.0		123	70-130	1.64	20
cis-1,2-Dichloroethene	48			ug/kg	50.0		97.0	70-130	0.596	20
1,1-Dichloroethene	70			ug/kg	50.0		140	70-130	1.74	20
1,2-Dichloropropane	49			ug/kg	50.0		97.9	70-130	1.30	20
2,2-Dichloropropane	49			ug/kg	50.0		98.7	70-130	5.19	20
cis-1,3-Dichloropropene	48			ug/kg	50.0		96.2	70-130	2.19	20
trans-1,3-Dichloropropene	50			ug/kg	50.0		99.5	70-130	2.15	20
1,1-Dichloropropene	49			ug/kg	50.0		97.3	70-130	0.0411	20
Diethyl ether	58			ug/kg	50.0		116	60-140	2.39	30
1,4-Dioxane	227			ug/kg	250		90.9	0-200	5.79	50
Ethylbenzene	54			ug/kg	50.0		109	70-130	1.28	20
Hexachlorobutadiene	49			ug/kg	50.0		97.9	70-130	10.1	20
2-Hexanone	46			ug/kg	50.0		92.3	70-130	7.34	20
Isopropylbenzene	57			ug/kg	50.0		114	70-130	2.56	20
p-Isopropyltoluene	58			ug/kg	50.0		116	70-130	2.11	20
Methylene Chloride	56			ug/kg	50.0		112	60-140	4.57	30
4-Methyl-2-pentanone	46			ug/kg	50.0		92.0	70-130	1.27	20
Naphthalene	48			ug/kg	50.0		95.1	70-130	4.58	20
n-Propylbenzene	59			ug/kg	50.0		119	70-130	0.151	20
Styrene	55			ug/kg	50.0		110	70-130	4.06	20
1,1,1,2-Tetrachloroethane	51			ug/kg	50.0		102	70-130	3.08	20
Tetrachloroethene	51			ug/kg	50.0		102	70-130	3.76	20
Tetrahydrofuran	49			ug/kg	50.0		97.7	50-150	2.03	40
Toluene	52			ug/kg	50.0		104	70-130	2.10	20
1,2,4-Trichlorobenzene	50			ug/kg	50.0		99.4	70-130	0.442	20
1,2,3-Trichlorobenzene	51			ug/kg	50.0		102	70-130	0.138	20
1,1,2-Trichloroethane	45			ug/kg	50.0		90.7	70-130	18.1	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1113 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C1113-BSD1)</b>					Prepared & Analyzed: 03/24/23					
1,1,1-Trichloroethane	48			ug/kg	50.0		96.0	70-130	6.80	20
Trichloroethene	45			ug/kg	50.0		89.9	70-130	13.1	20
1,2,3-Trichloropropane	51			ug/kg	50.0		103	70-130	0.774	20
1,3,5-Trimethylbenzene	56			ug/kg	50.0		112	70-130	5.46	20
1,2,4-Trimethylbenzene	56			ug/kg	50.0		113	70-130	3.48	20
Vinyl Chloride	58			ug/kg	50.0		115	60-140	3.40	30
o-Xylene	52			ug/kg	50.0		103	70-130	6.76	20
m&p-Xylene	106			ug/kg	100		106	70-130	1.76	20
1,1,1,2-Tetrachloroethane	51			ug/kg	50.0		102	70-130	3.71	20
tert-Amyl methyl ether	48			ug/kg	50.0		96.3	70-130	2.22	20
1,3-Dichloropropane	44			ug/kg	50.0		88.1	70-130	12.6	20
Ethyl tert-butyl ether	43			ug/kg	50.0		85.9	70-130	4.64	20
Trichlorofluoromethane	59			ug/kg	50.0		117	70-130	0.187	20
Dichlorodifluoromethane	55			ug/kg	50.0		111	60-140	5.72	30
-----										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>99.8</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>43.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>86.4</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>48.3</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.6</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1064 - EPA 3546</b>										
<b>Blank (B3C1064-BLK1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2610	ug/kg	3310		78.8	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3260	ug/kg	3310		98.4	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2740	ug/kg	3310		82.6	34-130		
<hr/>										
<b>LCS (B3C1064-BS1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
2-Methylnaphthalene	2280		129	ug/kg	3310		69.0	40-140		
Acenaphthene	2390		129	ug/kg	3310		72.3	40-140		
Acenaphthylene	2440		129	ug/kg	3310		73.8	40-140		
Anthracene	2490		129	ug/kg	3310		75.3	40-140		
Benzo(a)anthracene	2490		129	ug/kg	3310		75.3	40-140		
Benzo(a)pyrene	2570		129	ug/kg	3310		77.7	40-140		
Benzo(b)fluoranthene	2730		129	ug/kg	3310		82.5	40-140		
Benzo(g,h,i)perylene	2580		129	ug/kg	3310		77.9	40-140		
Benzo(k)fluoranthene	2830		129	ug/kg	3310		85.4	40-140		
Chrysene	2540		129	ug/kg	3310		76.6	40-140		
Dibenz(a,h)anthracene	2600		129	ug/kg	3310		78.6	40-140		
Dibenzofuran	2460		129	ug/kg	3310		74.3	40-140		
Fluoranthene	2510		129	ug/kg	3310		75.8	40-140		
Fluorene	2530		129	ug/kg	3310		76.4	40-140		
Indeno(1,2,3-cd)pyrene	2490		129	ug/kg	3310		75.1	40-140		
Naphthalene	2290		129	ug/kg	3310		69.3	40-140		
Phenanthrene	2560		129	ug/kg	3310		77.4	40-140		
Pyrene	2510		129	ug/kg	3310		75.8	40-140		
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2300	ug/kg	3310		69.5	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			2720	ug/kg	3310		82.2	47-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2510	ug/kg	3310		75.8	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1064 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3C1064-BSD1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
2-Methylnaphthalene	2300		129	ug/kg	3310		69.6	40-140	0.866	30
Acenaphthene	2410		129	ug/kg	3310		72.9	40-140	0.826	30
Acenaphthylene	2510		129	ug/kg	3310		75.8	40-140	2.59	30
Anthracene	2530		129	ug/kg	3310		76.3	40-140	1.42	30
Benzo(a)anthracene	2600		129	ug/kg	3310		78.4	40-140	4.01	30
Benzo(a)pyrene	2640		129	ug/kg	3310		79.7	40-140	2.64	30
Benzo(b)fluoranthene	2780		129	ug/kg	3310		83.8	40-140	1.59	30
Benzo(g,h,i)perylene	2610		129	ug/kg	3310		78.7	40-140	1.12	30
Benzo(k)fluoranthene	2860		129	ug/kg	3310		86.5	40-140	1.26	30
Chrysene	2630		129	ug/kg	3310		79.5	40-140	3.66	30
Dibenz(a,h)anthracene	2660		129	ug/kg	3310		80.2	40-140	2.04	30
Dibenzofuran	2540		129	ug/kg	3310		76.7	40-140	3.15	30
Fluoranthene	2550		129	ug/kg	3310		77.1	40-140	1.62	30
Fluorene	2610		129	ug/kg	3310		78.8	40-140	2.99	30
Indeno(1,2,3-cd)pyrene	2530		129	ug/kg	3310		76.4	40-140	1.72	30
Naphthalene	2350		129	ug/kg	3310		70.9	40-140	2.34	30
Phenanthrene	2570		129	ug/kg	3310		77.6	40-140	0.181	30
Pyrene	2620		129	ug/kg	3310		79.0	40-140	4.11	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>2360</i>	<i>ug/kg</i>	<i>3310</i>		<i>71.4</i>	<i>30-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2820</i>	<i>ug/kg</i>	<i>3310</i>		<i>85.2</i>	<i>47-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2570</i>	<i>ug/kg</i>	<i>3310</i>		<i>77.6</i>	<i>34-130</i>		



**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1063 - EPA 3546</b>										
<b>Blank (B3C1063-BLK1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			8.88	mg/kg	8.33		107	50-130		
<b>LCS (B3C1063-BS1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
Total Petroleum Hydrocarbons	479		27	mg/kg	667		71.8	44.7-125		
-----										
Surrogate: Chlorooctadecane			8.45	mg/kg	8.33		101	50-130		
<b>LCS Dup (B3C1063-BSD1)</b>										
					Prepared: 03/24/23 Analyzed: 03/27/23					
Total Petroleum Hydrocarbons	564		27	mg/kg	667		84.5	44.7-125	16.3	200
-----										
Surrogate: Chlorooctadecane			14.8	mg/kg	16.7		89.1	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High, Newport		MATRIX			# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS	
Client: Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI		Report To: abarton@parecorp.com; mflynn@parecorp.com			AQUEOUS	SOIL			OTHER	TPH 8100M	VOCs 8260	PAHs 8270		Indiv. Metals - Arsenic & Lead
Date:	Time:	COMP	GRAB	Sample I.D.										
3/22/13	10:50am		X	SW 157A		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X	
Sampled by (Signature): <i>Paul Beauman</i>		Date / Time 3/22/13 10:50		Received by (Signature):			Date / Time		Laboratory Remarks: Temp. received: <u>4</u> Cooled: <input type="checkbox"/>		Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>			
Relinquished by (Signature): <i>Paul Beauman</i>		Date / Time		Received by (Signature): <i>[Signature]</i>			Date / Time 3/22, 1457							
Relinquished by (Signature):		Date / Time		Received for Laboratory by (Signature):			Date / Time				Turnaround (Business Days): <u>Std.</u>			

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3C28070**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 05-April-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/28/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3C28070. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3C28070-01	BOT-104	Soil	03/28/2023	03/28/2023
3C28070-02	SW-106	Soil	03/28/2023	03/28/2023
3C28070-03	SW-107	Soil	03/28/2023	03/28/2023
3C28070-04	SW-108	Soil	03/28/2023	03/28/2023
3C28070-05	SW-109	Soil	03/28/2023	03/28/2023
3C28070-06	SW-110	Soil	03/28/2023	03/28/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **BOT-104 (Lab Number: 3C28070-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-106 (Lab Number: 3C28070-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-107 (Lab Number: 3C28070-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-108 (Lab Number: 3C28070-04)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-109 (Lab Number: 3C28070-05)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW-110 (Lab Number: 3C28070-06)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

VOC 8260: Sample "SW-109" was analyzed using the methanol-preserved vial provided by the client due to matrix interference.



### Results: Total Metals

**Sample: BOT-104**

**Lab Number: 3C28070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	16.5		1.16	mg/kg	03/29/23	03/31/23
Lead	ND		0.58	mg/kg	03/29/23	03/31/23

### Results: Total Metals

**Sample: SW-106**

**Lab Number: 3C28070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.7		1.17	mg/kg	03/29/23	03/31/23
Lead	0.92		0.58	mg/kg	03/29/23	03/31/23

### Results: Total Metals

**Sample: SW-107**

**Lab Number: 3C28070-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	14.7		1.14	mg/kg	03/29/23	03/31/23
Lead	1.77		0.57	mg/kg	03/29/23	03/31/23

### Results: Total Metals

**Sample: SW-108**

**Lab Number: 3C28070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	17.3		1.12	mg/kg	03/29/23	03/31/23
Lead	0.64		0.56	mg/kg	03/29/23	03/31/23

### Results: Total Metals

**Sample: SW-109**

**Lab Number: 3C28070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	13.9		1.14	mg/kg	03/29/23	03/31/23
Lead	2.27		0.57	mg/kg	03/29/23	03/31/23

### Results: Total Metals

**Sample: SW-110**

**Lab Number: 3C28070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	15.2		1.18	mg/kg	03/29/23	03/31/23
Lead	5.12		0.59	mg/kg	03/29/23	03/31/23

## Results: Volatile Organic Compounds

**Sample: BOT-104**

**Lab Number: 3C28070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/29/23	03/29/23
Benzene	ND		6	ug/kg	03/29/23	03/29/23
Bromobenzene	ND		6	ug/kg	03/29/23	03/29/23
Bromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromodichloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromoform	ND		6	ug/kg	03/29/23	03/29/23
Bromomethane	ND		6	ug/kg	03/29/23	03/29/23
2-Butanone	ND		6	ug/kg	03/29/23	03/29/23
tert-Butyl alcohol	ND		6	ug/kg	03/29/23	03/29/23
sec-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
n-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
tert-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/29/23	03/29/23
Carbon Disulfide	ND		6	ug/kg	03/29/23	03/29/23
Carbon Tetrachloride	ND		6	ug/kg	03/29/23	03/29/23
Chlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
Chloroethane	ND		6	ug/kg	03/29/23	03/29/23
Chloroform	ND		6	ug/kg	03/29/23	03/29/23
Chloromethane	ND		6	ug/kg	03/29/23	03/29/23
4-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
2-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/29/23	03/29/23
Dibromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/29/23	03/29/23
Dibromomethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
2,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/29/23	03/29/23
Diethyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dioxane	ND		116	ug/kg	03/29/23	03/29/23
Ethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Hexachlorobutadiene	ND		6	ug/kg	03/29/23	03/29/23
2-Hexanone	ND		6	ug/kg	03/29/23	03/29/23
Isopropylbenzene	ND		6	ug/kg	03/29/23	03/29/23
p-Isopropyltoluene	ND		6	ug/kg	03/29/23	03/29/23
Methylene Chloride	ND		23	ug/kg	03/29/23	03/29/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/29/23	03/29/23

## Results: Volatile Organic Compounds (Continued)

**Sample: BOT-104 (Continued)**

**Lab Number: 3C28070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/29/23	03/29/23
n-Propylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Styrene	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
Tetrachloroethene	ND		6	ug/kg	03/29/23	03/29/23
Tetrahydrofuran	ND		6	ug/kg	03/29/23	03/29/23
Toluene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
Trichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/29/23	03/29/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Vinyl Chloride	ND		6	ug/kg	03/29/23	03/29/23
o-Xylene	ND		6	ug/kg	03/29/23	03/29/23
m&p-Xylene	ND		12	ug/kg	03/29/23	03/29/23
Total xylenes	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
tert-Amyl methyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/29/23	03/29/23
Diisopropyl ether	ND		6	ug/kg	03/29/23	03/29/23
Trichlorofluoromethane	ND		6	ug/kg	03/29/23	03/29/23
Dichlorodifluoromethane	ND		6	ug/kg	03/29/23	03/29/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>84.3%</i>		<i>70-130</i>		03/29/23	03/29/23
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		03/29/23	03/29/23
<i>Toluene-d8</i>	<i>97.1%</i>		<i>70-130</i>		03/29/23	03/29/23



## Results: Volatile Organic Compounds

**Sample: SW-106**

**Lab Number: 3C28070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/29/23	03/29/23
Benzene	ND		6	ug/kg	03/29/23	03/29/23
Bromobenzene	ND		6	ug/kg	03/29/23	03/29/23
Bromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromodichloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromoform	ND		6	ug/kg	03/29/23	03/29/23
Bromomethane	ND		6	ug/kg	03/29/23	03/29/23
2-Butanone	ND		6	ug/kg	03/29/23	03/29/23
tert-Butyl alcohol	ND		6	ug/kg	03/29/23	03/29/23
sec-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
n-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
tert-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/29/23	03/29/23
Carbon Disulfide	ND		6	ug/kg	03/29/23	03/29/23
Carbon Tetrachloride	ND		6	ug/kg	03/29/23	03/29/23
Chlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
Chloroethane	ND		6	ug/kg	03/29/23	03/29/23
Chloroform	ND		6	ug/kg	03/29/23	03/29/23
Chloromethane	ND		6	ug/kg	03/29/23	03/29/23
4-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
2-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/29/23	03/29/23
Dibromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/29/23	03/29/23
Dibromomethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
2,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/29/23	03/29/23
Diethyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dioxane	ND		116	ug/kg	03/29/23	03/29/23
Ethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Hexachlorobutadiene	ND		6	ug/kg	03/29/23	03/29/23
2-Hexanone	ND		6	ug/kg	03/29/23	03/29/23
Isopropylbenzene	ND		6	ug/kg	03/29/23	03/29/23
p-Isopropyltoluene	ND		6	ug/kg	03/29/23	03/29/23
Methylene Chloride	ND		23	ug/kg	03/29/23	03/29/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/29/23	03/29/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-106 (Continued)**

**Lab Number: 3C28070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/29/23	03/29/23
n-Propylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Styrene	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
Tetrachloroethene	ND		6	ug/kg	03/29/23	03/29/23
Tetrahydrofuran	ND		6	ug/kg	03/29/23	03/29/23
Toluene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
Trichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/29/23	03/29/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Vinyl Chloride	ND		6	ug/kg	03/29/23	03/29/23
o-Xylene	ND		6	ug/kg	03/29/23	03/29/23
m&p-Xylene	ND		12	ug/kg	03/29/23	03/29/23
Total xylenes	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
tert-Amyl methyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/29/23	03/29/23
Diisopropyl ether	ND		6	ug/kg	03/29/23	03/29/23
Trichlorofluoromethane	ND		6	ug/kg	03/29/23	03/29/23
Dichlorodifluoromethane	ND		6	ug/kg	03/29/23	03/29/23
Surrogate(s)	Recovery%		Limits			
<i>4-Bromofluorobenzene</i>	<i>85.7%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>122%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>
<i>Toluene-d8</i>	<i>81.8%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-107**

**Lab Number: 3C28070-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		5	ug/kg	03/29/23	03/29/23
Benzene	ND		5	ug/kg	03/29/23	03/29/23
Bromobenzene	ND		5	ug/kg	03/29/23	03/29/23
Bromochloromethane	ND		5	ug/kg	03/29/23	03/29/23
Bromodichloromethane	ND		5	ug/kg	03/29/23	03/29/23
Bromoform	ND		5	ug/kg	03/29/23	03/29/23
Bromomethane	ND		5	ug/kg	03/29/23	03/29/23
2-Butanone	ND		5	ug/kg	03/29/23	03/29/23
tert-Butyl alcohol	ND		5	ug/kg	03/29/23	03/29/23
sec-Butylbenzene	ND		5	ug/kg	03/29/23	03/29/23
n-Butylbenzene	ND		5	ug/kg	03/29/23	03/29/23
tert-Butylbenzene	ND		5	ug/kg	03/29/23	03/29/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	03/29/23	03/29/23
Carbon Disulfide	ND		5	ug/kg	03/29/23	03/29/23
Carbon Tetrachloride	ND		5	ug/kg	03/29/23	03/29/23
Chlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
Chloroethane	ND		5	ug/kg	03/29/23	03/29/23
Chloroform	ND		5	ug/kg	03/29/23	03/29/23
Chloromethane	ND		5	ug/kg	03/29/23	03/29/23
4-Chlorotoluene	ND		5	ug/kg	03/29/23	03/29/23
2-Chlorotoluene	ND		5	ug/kg	03/29/23	03/29/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	03/29/23	03/29/23
Dibromochloromethane	ND		5	ug/kg	03/29/23	03/29/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	03/29/23	03/29/23
Dibromomethane	ND		5	ug/kg	03/29/23	03/29/23
1,2-Dichlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
1,3-Dichlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
1,4-Dichlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
1,1-Dichloroethane	ND		5	ug/kg	03/29/23	03/29/23
1,2-Dichloroethane	ND		5	ug/kg	03/29/23	03/29/23
trans-1,2-Dichloroethene	ND		5	ug/kg	03/29/23	03/29/23
cis-1,2-Dichloroethene	ND		5	ug/kg	03/29/23	03/29/23
1,1-Dichloroethene	ND		5	ug/kg	03/29/23	03/29/23
1,2-Dichloropropane	ND		5	ug/kg	03/29/23	03/29/23
2,2-Dichloropropane	ND		5	ug/kg	03/29/23	03/29/23
cis-1,3-Dichloropropene	ND		5	ug/kg	03/29/23	03/29/23
trans-1,3-Dichloropropene	ND		5	ug/kg	03/29/23	03/29/23
1,1-Dichloropropene	ND		5	ug/kg	03/29/23	03/29/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	03/29/23	03/29/23
Diethyl ether	ND		5	ug/kg	03/29/23	03/29/23
1,4-Dioxane	ND		108	ug/kg	03/29/23	03/29/23
Ethylbenzene	ND		5	ug/kg	03/29/23	03/29/23
Hexachlorobutadiene	ND		5	ug/kg	03/29/23	03/29/23
2-Hexanone	ND		5	ug/kg	03/29/23	03/29/23
Isopropylbenzene	ND		5	ug/kg	03/29/23	03/29/23
p-Isopropyltoluene	ND		5	ug/kg	03/29/23	03/29/23
Methylene Chloride	ND		22	ug/kg	03/29/23	03/29/23
4-Methyl-2-pentanone	ND		5	ug/kg	03/29/23	03/29/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-107 (Continued)**

**Lab Number: 3C28070-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	03/29/23	03/29/23
n-Propylbenzene	ND		5	ug/kg	03/29/23	03/29/23
Styrene	ND		5	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/29/23	03/29/23
Tetrachloroethene	ND		5	ug/kg	03/29/23	03/29/23
Tetrahydrofuran	ND		5	ug/kg	03/29/23	03/29/23
Toluene	ND		5	ug/kg	03/29/23	03/29/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	03/29/23	03/29/23
1,1,2-Trichloroethane	ND		5	ug/kg	03/29/23	03/29/23
1,1,1-Trichloroethane	ND		5	ug/kg	03/29/23	03/29/23
Trichloroethene	ND		5	ug/kg	03/29/23	03/29/23
1,2,3-Trichloropropane	ND		5	ug/kg	03/29/23	03/29/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	03/29/23	03/29/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	03/29/23	03/29/23
Vinyl Chloride	ND		5	ug/kg	03/29/23	03/29/23
o-Xylene	ND		5	ug/kg	03/29/23	03/29/23
m&p-Xylene	ND		11	ug/kg	03/29/23	03/29/23
Total xylenes	ND		5	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	03/29/23	03/29/23
tert-Amyl methyl ether	ND		5	ug/kg	03/29/23	03/29/23
1,3-Dichloropropane	ND		5	ug/kg	03/29/23	03/29/23
Ethyl tert-butyl ether	ND		5	ug/kg	03/29/23	03/29/23
Diisopropyl ether	ND		5	ug/kg	03/29/23	03/29/23
Trichlorofluoromethane	ND		5	ug/kg	03/29/23	03/29/23
Dichlorodifluoromethane	ND		5	ug/kg	03/29/23	03/29/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>82.9%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>109%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>
<i>Toluene-d8</i>	<i>98.8%</i>		<i>70-130</i>		<i>03/29/23</i>	<i>03/29/23</i>

## Results: Volatile Organic Compounds

**Sample: SW-108**

**Lab Number: 3C28070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		6	ug/kg	03/29/23	03/29/23
Benzene	ND		6	ug/kg	03/29/23	03/29/23
Bromobenzene	ND		6	ug/kg	03/29/23	03/29/23
Bromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromodichloromethane	ND		6	ug/kg	03/29/23	03/29/23
Bromoform	ND		6	ug/kg	03/29/23	03/29/23
Bromomethane	ND		6	ug/kg	03/29/23	03/29/23
2-Butanone	ND		6	ug/kg	03/29/23	03/29/23
tert-Butyl alcohol	ND		6	ug/kg	03/29/23	03/29/23
sec-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
n-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
tert-Butylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Methyl t-butyl ether (MTBE)	ND		6	ug/kg	03/29/23	03/29/23
Carbon Disulfide	ND		6	ug/kg	03/29/23	03/29/23
Carbon Tetrachloride	ND		6	ug/kg	03/29/23	03/29/23
Chlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
Chloroethane	ND		6	ug/kg	03/29/23	03/29/23
Chloroform	ND		6	ug/kg	03/29/23	03/29/23
Chloromethane	ND		6	ug/kg	03/29/23	03/29/23
4-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
2-Chlorotoluene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		6	ug/kg	03/29/23	03/29/23
Dibromochloromethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dibromoethane (EDB)	ND		6	ug/kg	03/29/23	03/29/23
Dibromomethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloroethane	ND		6	ug/kg	03/29/23	03/29/23
trans-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
cis-1,2-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
2,2-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
cis-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
trans-1,3-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,1-Dichloropropene	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropene (cis + trans)	ND		6	ug/kg	03/29/23	03/29/23
Diethyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,4-Dioxane	ND		126	ug/kg	03/29/23	03/29/23
Ethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Hexachlorobutadiene	ND		6	ug/kg	03/29/23	03/29/23
2-Hexanone	ND		6	ug/kg	03/29/23	03/29/23
Isopropylbenzene	ND		6	ug/kg	03/29/23	03/29/23
p-Isopropyltoluene	ND		6	ug/kg	03/29/23	03/29/23
Methylene Chloride	ND		25	ug/kg	03/29/23	03/29/23
4-Methyl-2-pentanone	ND		6	ug/kg	03/29/23	03/29/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-108 (Continued)**

**Lab Number: 3C28070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		6	ug/kg	03/29/23	03/29/23
n-Propylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Styrene	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
Tetrachloroethene	ND		6	ug/kg	03/29/23	03/29/23
Tetrahydrofuran	ND		6	ug/kg	03/29/23	03/29/23
Toluene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichlorobenzene	ND		6	ug/kg	03/29/23	03/29/23
1,1,2-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
1,1,1-Trichloroethane	ND		6	ug/kg	03/29/23	03/29/23
Trichloroethene	ND		6	ug/kg	03/29/23	03/29/23
1,2,3-Trichloropropane	ND		6	ug/kg	03/29/23	03/29/23
1,3,5-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
1,2,4-Trimethylbenzene	ND		6	ug/kg	03/29/23	03/29/23
Vinyl Chloride	ND		6	ug/kg	03/29/23	03/29/23
o-Xylene	ND		6	ug/kg	03/29/23	03/29/23
m&p-Xylene	ND		13	ug/kg	03/29/23	03/29/23
Total xylenes	ND		6	ug/kg	03/29/23	03/29/23
1,1,1,2-Tetrachloroethane	ND		6	ug/kg	03/29/23	03/29/23
tert-Amyl methyl ether	ND		6	ug/kg	03/29/23	03/29/23
1,3-Dichloropropane	ND		6	ug/kg	03/29/23	03/29/23
Ethyl tert-butyl ether	ND		6	ug/kg	03/29/23	03/29/23
Diisopropyl ether	ND		6	ug/kg	03/29/23	03/29/23
Trichlorofluoromethane	ND		6	ug/kg	03/29/23	03/29/23
Dichlorodifluoromethane	ND		6	ug/kg	03/29/23	03/29/23
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Surrogate(s)	Recovery%		Limits			
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<i>4-Bromofluorobenzene</i>	<i>82.4%</i>		<i>70-130</i>		03/29/23	03/29/23
<i>1,2-Dichloroethane-d4</i>	<i>113%</i>		<i>70-130</i>		03/29/23	03/29/23
<i>Toluene-d8</i>	<i>102%</i>		<i>70-130</i>		03/29/23	03/29/23

## Results: Volatile Organic Compounds

**Sample: SW-109**

**Lab Number: 3C28070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		141	ug/kg	03/30/23	03/30/23
Benzene	ND		28	ug/kg	03/30/23	03/30/23
Bromobenzene	ND		28	ug/kg	03/30/23	03/30/23
Bromochloromethane	ND		28	ug/kg	03/30/23	03/30/23
Bromodichloromethane	ND		28	ug/kg	03/30/23	03/30/23
Bromoform	ND		28	ug/kg	03/30/23	03/30/23
Bromomethane	ND		28	ug/kg	03/30/23	03/30/23
2-Butanone	ND		141	ug/kg	03/30/23	03/30/23
tert-Butyl alcohol	ND		141	ug/kg	03/30/23	03/30/23
sec-Butylbenzene	ND		28	ug/kg	03/30/23	03/30/23
n-Butylbenzene	ND		28	ug/kg	03/30/23	03/30/23
tert-Butylbenzene	ND		28	ug/kg	03/30/23	03/30/23
Methyl t-butyl ether (MTBE)	ND		28	ug/kg	03/30/23	03/30/23
Carbon Disulfide	ND		28	ug/kg	03/30/23	03/30/23
Carbon Tetrachloride	ND		28	ug/kg	03/30/23	03/30/23
Chlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
Chloroethane	ND		28	ug/kg	03/30/23	03/30/23
Chloroform	ND		28	ug/kg	03/30/23	03/30/23
Chloromethane	ND		28	ug/kg	03/30/23	03/30/23
4-Chlorotoluene	ND		28	ug/kg	03/30/23	03/30/23
2-Chlorotoluene	ND		28	ug/kg	03/30/23	03/30/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		28	ug/kg	03/30/23	03/30/23
Dibromochloromethane	ND		28	ug/kg	03/30/23	03/30/23
1,2-Dibromoethane (EDB)	ND		28	ug/kg	03/30/23	03/30/23
Dibromomethane	ND		28	ug/kg	03/30/23	03/30/23
1,2-Dichlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
1,3-Dichlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
1,4-Dichlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
1,1-Dichloroethane	ND		28	ug/kg	03/30/23	03/30/23
1,2-Dichloroethane	ND		28	ug/kg	03/30/23	03/30/23
trans-1,2-Dichloroethene	ND		28	ug/kg	03/30/23	03/30/23
cis-1,2-Dichloroethene	ND		28	ug/kg	03/30/23	03/30/23
1,1-Dichloroethene	ND		28	ug/kg	03/30/23	03/30/23
1,2-Dichloropropane	ND		28	ug/kg	03/30/23	03/30/23
2,2-Dichloropropane	ND		28	ug/kg	03/30/23	03/30/23
cis-1,3-Dichloropropene	ND		28	ug/kg	03/30/23	03/30/23
trans-1,3-Dichloropropene	ND		28	ug/kg	03/30/23	03/30/23
1,1-Dichloropropene	ND		28	ug/kg	03/30/23	03/30/23
1,3-Dichloropropene (cis + trans)	ND		56	ug/kg	03/30/23	03/30/23
Diethyl ether	ND		141	ug/kg	03/30/23	03/30/23
1,4-Dioxane	ND		2820	ug/kg	03/30/23	03/30/23
Ethylbenzene	ND		28	ug/kg	03/30/23	03/30/23
Hexachlorobutadiene	ND		28	ug/kg	03/30/23	03/30/23
2-Hexanone	ND		141	ug/kg	03/30/23	03/30/23
Isopropylbenzene	ND		28	ug/kg	03/30/23	03/30/23
p-Isopropyltoluene	ND		28	ug/kg	03/30/23	03/30/23
Methylene Chloride	ND		169	ug/kg	03/30/23	03/30/23
4-Methyl-2-pentanone	ND		141	ug/kg	03/30/23	03/30/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-109 (Continued)**

**Lab Number: 3C28070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		28	ug/kg	03/30/23	03/30/23
n-Propylbenzene	ND		28	ug/kg	03/30/23	03/30/23
Styrene	ND		28	ug/kg	03/30/23	03/30/23
1,1,1,2-Tetrachloroethane	ND		28	ug/kg	03/30/23	03/30/23
Tetrachloroethene	ND		28	ug/kg	03/30/23	03/30/23
Tetrahydrofuran	ND		141	ug/kg	03/30/23	03/30/23
Toluene	ND		28	ug/kg	03/30/23	03/30/23
1,2,4-Trichlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
1,2,3-Trichlorobenzene	ND		28	ug/kg	03/30/23	03/30/23
1,1,2-Trichloroethane	ND		28	ug/kg	03/30/23	03/30/23
1,1,1-Trichloroethane	ND		28	ug/kg	03/30/23	03/30/23
Trichloroethene	ND		28	ug/kg	03/30/23	03/30/23
1,2,3-Trichloropropane	ND		28	ug/kg	03/30/23	03/30/23
1,3,5-Trimethylbenzene	ND		28	ug/kg	03/30/23	03/30/23
1,2,4-Trimethylbenzene	ND		28	ug/kg	03/30/23	03/30/23
Vinyl Chloride	ND		28	ug/kg	03/30/23	03/30/23
o-Xylene	ND		28	ug/kg	03/30/23	03/30/23
m&p-Xylene	ND		56	ug/kg	03/30/23	03/30/23
Total xylenes	ND		28	ug/kg	03/30/23	03/30/23
1,1,1,2-Tetrachloroethane	ND		28	ug/kg	03/30/23	03/30/23
tert-Amyl methyl ether	ND		28	ug/kg	03/30/23	03/30/23
1,3-Dichloropropane	ND		28	ug/kg	03/30/23	03/30/23
Ethyl tert-butyl ether	ND		28	ug/kg	03/30/23	03/30/23
Diisopropyl ether	ND		28	ug/kg	03/30/23	03/30/23
Trichlorofluoromethane	ND		28	ug/kg	03/30/23	03/30/23
Dichlorodifluoromethane	ND		28	ug/kg	03/30/23	03/30/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>97.0%</i>		<i>70-130</i>		03/30/23	03/30/23
<i>1,2-Dichloroethane-d4</i>	<i>106%</i>		<i>70-130</i>		03/30/23	03/30/23
<i>Toluene-d8</i>	<i>101%</i>		<i>70-130</i>		03/30/23	03/30/23



## Results: Volatile Organic Compounds

**Sample: SW-110**

**Lab Number: 3C28070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		64	ug/kg	03/31/23	03/31/23
Benzene	ND		7	ug/kg	03/31/23	03/31/23
Bromobenzene	ND		7	ug/kg	03/31/23	03/31/23
Bromochloromethane	ND		7	ug/kg	03/31/23	03/31/23
Bromodichloromethane	ND		7	ug/kg	03/31/23	03/31/23
Bromoform	ND		7	ug/kg	03/31/23	03/31/23
Bromomethane	ND		7	ug/kg	03/31/23	03/31/23
2-Butanone	ND		53	ug/kg	03/31/23	03/31/23
tert-Butyl alcohol	ND		7	ug/kg	03/31/23	03/31/23
sec-Butylbenzene	ND		7	ug/kg	03/31/23	03/31/23
n-Butylbenzene	ND		7	ug/kg	03/31/23	03/31/23
tert-Butylbenzene	ND		7	ug/kg	03/31/23	03/31/23
Methyl t-butyl ether (MTBE)	ND		7	ug/kg	03/31/23	03/31/23
Carbon Disulfide	ND		7	ug/kg	03/31/23	03/31/23
Carbon Tetrachloride	ND		7	ug/kg	03/31/23	03/31/23
Chlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
Chloroethane	ND		7	ug/kg	03/31/23	03/31/23
Chloroform	ND		7	ug/kg	03/31/23	03/31/23
Chloromethane	ND		7	ug/kg	03/31/23	03/31/23
4-Chlorotoluene	ND		7	ug/kg	03/31/23	03/31/23
2-Chlorotoluene	ND		7	ug/kg	03/31/23	03/31/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		7	ug/kg	03/31/23	03/31/23
Dibromochloromethane	ND		7	ug/kg	03/31/23	03/31/23
1,2-Dibromoethane (EDB)	ND		7	ug/kg	03/31/23	03/31/23
Dibromomethane	ND		7	ug/kg	03/31/23	03/31/23
1,2-Dichlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
1,3-Dichlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
1,4-Dichlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
1,1-Dichloroethane	ND		7	ug/kg	03/31/23	03/31/23
1,2-Dichloroethane	ND		7	ug/kg	03/31/23	03/31/23
trans-1,2-Dichloroethene	ND		7	ug/kg	03/31/23	03/31/23
cis-1,2-Dichloroethene	ND		7	ug/kg	03/31/23	03/31/23
1,1-Dichloroethene	ND		7	ug/kg	03/31/23	03/31/23
1,2-Dichloropropane	ND		7	ug/kg	03/31/23	03/31/23
2,2-Dichloropropane	ND		7	ug/kg	03/31/23	03/31/23
cis-1,3-Dichloropropene	ND		7	ug/kg	03/31/23	03/31/23
trans-1,3-Dichloropropene	ND		7	ug/kg	03/31/23	03/31/23
1,1-Dichloropropene	ND		7	ug/kg	03/31/23	03/31/23
1,3-Dichloropropene (cis + trans)	ND		7	ug/kg	03/31/23	03/31/23
Diethyl ether	ND		7	ug/kg	03/31/23	03/31/23
1,4-Dioxane	ND		146	ug/kg	03/31/23	03/31/23
Ethylbenzene	ND		7	ug/kg	03/31/23	03/31/23
Hexachlorobutadiene	ND		7	ug/kg	03/31/23	03/31/23
2-Hexanone	ND		7	ug/kg	03/31/23	03/31/23
Isopropylbenzene	ND		7	ug/kg	03/31/23	03/31/23
p-Isopropyltoluene	ND		7	ug/kg	03/31/23	03/31/23
Methylene Chloride	ND		25	ug/kg	03/31/23	03/31/23
4-Methyl-2-pentanone	ND		7	ug/kg	03/31/23	03/31/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW-110 (Continued)**

**Lab Number: 3C28070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		7	ug/kg	03/31/23	03/31/23
n-Propylbenzene	ND		7	ug/kg	03/31/23	03/31/23
Styrene	ND		7	ug/kg	03/31/23	03/31/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	03/31/23	03/31/23
Tetrachloroethene	ND		7	ug/kg	03/31/23	03/31/23
Tetrahydrofuran	ND		7	ug/kg	03/31/23	03/31/23
Toluene	ND		7	ug/kg	03/31/23	03/31/23
1,2,4-Trichlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
1,2,3-Trichlorobenzene	ND		7	ug/kg	03/31/23	03/31/23
1,1,2-Trichloroethane	ND		7	ug/kg	03/31/23	03/31/23
1,1,1-Trichloroethane	ND		7	ug/kg	03/31/23	03/31/23
Trichloroethene	ND		7	ug/kg	03/31/23	03/31/23
1,2,3-Trichloropropane	ND		7	ug/kg	03/31/23	03/31/23
1,3,5-Trimethylbenzene	ND		7	ug/kg	03/31/23	03/31/23
1,2,4-Trimethylbenzene	ND		7	ug/kg	03/31/23	03/31/23
Vinyl Chloride	ND		7	ug/kg	03/31/23	03/31/23
o-Xylene	ND		7	ug/kg	03/31/23	03/31/23
m&p-Xylene	ND		15	ug/kg	03/31/23	03/31/23
Total xylenes	ND		7	ug/kg	03/31/23	03/31/23
1,1,1,2-Tetrachloroethane	ND		7	ug/kg	03/31/23	03/31/23
tert-Amyl methyl ether	ND		7	ug/kg	03/31/23	03/31/23
1,3-Dichloropropane	ND		7	ug/kg	03/31/23	03/31/23
Ethyl tert-butyl ether	ND		7	ug/kg	03/31/23	03/31/23
Diisopropyl ether	ND		7	ug/kg	03/31/23	03/31/23
Trichlorofluoromethane	ND		7	ug/kg	03/31/23	03/31/23
Dichlorodifluoromethane	ND		7	ug/kg	03/31/23	03/31/23
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>93.5%</i>		<i>70-130</i>		<i>03/31/23</i>	<i>03/31/23</i>
<i>1,2-Dichloroethane-d4</i>	<i>112%</i>		<i>70-130</i>		<i>03/31/23</i>	<i>03/31/23</i>
<i>Toluene-d8</i>	<i>99.7%</i>		<i>70-130</i>		<i>03/31/23</i>	<i>03/31/23</i>

## Results: Semivolatile organic compounds

**Sample: BOT-104**

**Lab Number: 3C28070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		146	ug/kg	03/31/23	04/03/23
Anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Chrysene	ND		146	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		146	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Fluorene	ND		146	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Naphthalene	ND		146	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		146	ug/kg	03/31/23	04/03/23
Pyrene	ND		146	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	37.2%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	41.1%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	41.6%		34-130		03/31/23	04/03/23

## Results: Semivolatile organic compounds

**Sample: SW-106**

**Lab Number: 3C28070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		146	ug/kg	03/31/23	04/03/23
Anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Chrysene	ND		146	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		146	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Fluorene	ND		146	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Naphthalene	ND		146	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		146	ug/kg	03/31/23	04/03/23
Pyrene	ND		146	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	46.2%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	54.2%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	47.5%		34-130		03/31/23	04/03/23

## Results: Semivolatile organic compounds

**Sample: SW-107**

**Lab Number: 3C28070-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		146	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		146	ug/kg	03/31/23	04/03/23
Anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		146	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Chrysene	ND		146	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		146	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		146	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		146	ug/kg	03/31/23	04/03/23
Fluorene	ND		146	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		146	ug/kg	03/31/23	04/03/23
Naphthalene	ND		146	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		146	ug/kg	03/31/23	04/03/23
Pyrene	ND		146	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	43.2%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	52.0%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	44.9%		34-130		03/31/23	04/03/23

## Results: Semivolatile organic compounds

**Sample: SW-108**

**Lab Number: 3C28070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		143	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		143	ug/kg	03/31/23	04/03/23
Anthracene	ND		143	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		143	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		143	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		143	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		143	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		143	ug/kg	03/31/23	04/03/23
Chrysene	ND		143	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		143	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		143	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		143	ug/kg	03/31/23	04/03/23
Fluorene	ND		143	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		143	ug/kg	03/31/23	04/03/23
Naphthalene	ND		143	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		143	ug/kg	03/31/23	04/03/23
Pyrene	ND		143	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	52.0%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	62.5%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	55.9%		34-130		03/31/23	04/03/23

**Results: Semivolatile organic compounds****Sample: SW-109****Lab Number: 3C28070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		145	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		145	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		145	ug/kg	03/31/23	04/03/23
Anthracene	ND		145	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		145	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		145	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		145	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		145	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		145	ug/kg	03/31/23	04/03/23
Chrysene	ND		145	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		145	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		145	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		145	ug/kg	03/31/23	04/03/23
Fluorene	ND		145	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		145	ug/kg	03/31/23	04/03/23
Naphthalene	ND		145	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		145	ug/kg	03/31/23	04/03/23
Pyrene	ND		145	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	39.3%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	49.3%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	43.8%		34-130		03/31/23	04/03/23

## Results: Semivolatile organic compounds

**Sample: SW-110**

**Lab Number: 3C28070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		147	ug/kg	03/31/23	04/03/23
Acenaphthene	ND		147	ug/kg	03/31/23	04/03/23
Acenaphthylene	ND		147	ug/kg	03/31/23	04/03/23
Anthracene	ND		147	ug/kg	03/31/23	04/03/23
Benzo(a)anthracene	ND		147	ug/kg	03/31/23	04/03/23
Benzo(a)pyrene	ND		147	ug/kg	03/31/23	04/03/23
Benzo(b)fluoranthene	ND		147	ug/kg	03/31/23	04/03/23
Benzo(g,h,i)perylene	ND		147	ug/kg	03/31/23	04/03/23
Benzo(k)fluoranthene	ND		147	ug/kg	03/31/23	04/03/23
Chrysene	ND		147	ug/kg	03/31/23	04/03/23
Dibenz(a,h)anthracene	ND		147	ug/kg	03/31/23	04/03/23
Dibenzofuran	ND		147	ug/kg	03/31/23	04/03/23
Fluoranthene	ND		147	ug/kg	03/31/23	04/03/23
Fluorene	ND		147	ug/kg	03/31/23	04/03/23
Indeno(1,2,3-cd)pyrene	ND		147	ug/kg	03/31/23	04/03/23
Naphthalene	ND		147	ug/kg	03/31/23	04/03/23
Phenanthrene	ND		147	ug/kg	03/31/23	04/03/23
Pyrene	ND		147	ug/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	48.6%		30-126		03/31/23	04/03/23
<i>p-Terphenyl-d14</i>	56.8%		40-130		03/31/23	04/03/23
<i>2-Fluorobiphenyl</i>	50.2%		34-130		03/31/23	04/03/23



**Results: Total Petroleum Hydrocarbons****Sample: BOT-104****Lab Number: 3C28070-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/29/23	03/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>121%</i>		<i>50-130</i>		03/29/23	03/31/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-106****Lab Number: 3C28070-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/29/23	03/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>110%</i>		<i>50-130</i>		03/29/23	03/31/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-107****Lab Number: 3C28070-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/29/23	03/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>99.1%</i>		<i>50-130</i>		03/29/23	03/31/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-108****Lab Number: 3C28070-04 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/29/23	03/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	87.2%		50-130		03/29/23	03/31/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-109****Lab Number: 3C28070-05 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		29	mg/kg	03/29/23	03/31/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>94.2%</i>		<i>50-130</i>		03/29/23	03/31/23

**Results: Total Petroleum Hydrocarbons****Sample: SW-110****Lab Number: 3C28070-06 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/29/23	04/04/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>95.0%</i>		<i>50-130</i>		03/29/23	04/04/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1262 - Metals Digestion Soils</b>										
<b>Blank (B3C1262-BLK1)</b>					Prepared: 03/29/23 Analyzed: 03/30/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3C1262-BS1)</b>					Prepared & Analyzed: 03/29/23					
Arsenic	21.1		1.00	mg/kg	20.0		105	85-115		
Lead	93.4		0.50	mg/kg	100		93.4	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1322 - EPA 5035</b>										
<b>Blank (B3C1322-BLK1)</b>					Prepared & Analyzed: 03/29/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1322 - EPA 5035 (Continued)</b>										
<b>Blank (B3C1322-BLK1)</b>					Prepared & Analyzed: 03/29/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>46.8</i>	<i>ug/kg</i>	<i>50.0</i>		<i>93.5</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3C1322-BS1)</b>					Prepared & Analyzed: 03/29/23					
Acetone	50			ug/kg	50.0		99.4	60-140		
Benzene	46			ug/kg	50.0		92.4	70-130		
Bromobenzene	51			ug/kg	50.0		103	70-130		
Bromochloromethane	47			ug/kg	50.0		94.0	70-130		
Bromodichloromethane	48			ug/kg	50.0		95.8	70-130		
Bromoform	49			ug/kg	50.0		97.3	70-130		
Bromomethane	43			ug/kg	50.0		86.5	60-140		
2-Butanone	43			ug/kg	50.0		86.4	60-140		
tert-Butyl alcohol	42			ug/kg	50.0		83.4	70-130		
sec-Butylbenzene	52			ug/kg	50.0		105	70-130		
n-Butylbenzene	51			ug/kg	50.0		101	70-130		
tert-Butylbenzene	51			ug/kg	50.0		102	70-130		
Methyl t-butyl ether (MTBE)	45			ug/kg	50.0		89.3	70-130		
Carbon Disulfide	42			ug/kg	50.0		84.7	50-150		
Carbon Tetrachloride	41			ug/kg	50.0		82.0	70-130		
Chlorobenzene	45			ug/kg	50.0		90.2	70-130		
Chloroethane	39			ug/kg	50.0		77.4	60-140		
Chloroform	44			ug/kg	50.0		87.1	70-130		
Chloromethane	50			ug/kg	50.0		100	60-140		
4-Chlorotoluene	48			ug/kg	50.0		96.3	70-130		
2-Chlorotoluene	47			ug/kg	50.0		94.5	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		91.0	70-130		
Dibromochloromethane	49			ug/kg	50.0		97.9	70-130		
1,2-Dibromoethane (EDB)	45			ug/kg	50.0		90.8	70-130		
Dibromomethane	47			ug/kg	50.0		94.1	60-140		
1,2-Dichlorobenzene	50			ug/kg	50.0		100	70-130		
1,3-Dichlorobenzene	52			ug/kg	50.0		105	70-130		
1,4-Dichlorobenzene	50			ug/kg	50.0		100	70-130		
1,1-Dichloroethane	41			ug/kg	50.0		82.5	70-130		
1,2-Dichloroethane	43			ug/kg	50.0		85.0	70-130		
trans-1,2-Dichloroethene	43			ug/kg	50.0		85.6	70-130		
cis-1,2-Dichloroethene	45			ug/kg	50.0		90.3	70-130		
1,1-Dichloroethene	47			ug/kg	50.0		93.4	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		89.1	70-130		
2,2-Dichloropropane	44			ug/kg	50.0		87.1	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1322 - EPA 5035 (Continued)</b>										
<b>LCS (B3C1322-BS1)</b>					Prepared & Analyzed: 03/29/23					
cis-1,3-Dichloropropene	44			ug/kg	50.0		88.3	70-130		
trans-1,3-Dichloropropene	46			ug/kg	50.0		91.1	70-130		
1,1-Dichloropropene	47			ug/kg	50.0		93.1	70-130		
Diethyl ether	44			ug/kg	50.0		87.4	60-140		
1,4-Dioxane	254			ug/kg	250		101	0-200		
Ethylbenzene	47			ug/kg	50.0		94.5	70-130		
Hexachlorobutadiene	52			ug/kg	50.0		104	70-130		
2-Hexanone	51			ug/kg	50.0		102	70-130		
Isopropylbenzene	49			ug/kg	50.0		97.5	70-130		
p-Isopropyltoluene	54			ug/kg	50.0		109	70-130		
Methylene Chloride	45			ug/kg	50.0		89.2	60-140		
4-Methyl-2-pentanone	47			ug/kg	50.0		93.3	70-130		
Naphthalene	43			ug/kg	50.0		86.1	70-130		
n-Propylbenzene	50			ug/kg	50.0		101	70-130		
Styrene	50			ug/kg	50.0		101	70-130		
1,1,1,2-Tetrachloroethane	46			ug/kg	50.0		91.9	70-130		
Tetrachloroethene	51			ug/kg	50.0		102	70-130		
Tetrahydrofuran	48			ug/kg	50.0		95.1	50-150		
Toluene	48			ug/kg	50.0		96.4	70-130		
1,2,4-Trichlorobenzene	48			ug/kg	50.0		95.9	70-130		
1,2,3-Trichlorobenzene	50			ug/kg	50.0		99.6	70-130		
1,1,2-Trichloroethane	50			ug/kg	50.0		99.5	70-130		
1,1,1-Trichloroethane	48			ug/kg	50.0		96.3	70-130		
Trichloroethene	44			ug/kg	50.0		88.7	70-130		
1,2,3-Trichloropropane	47			ug/kg	50.0		93.2	70-130		
1,3,5-Trimethylbenzene	52			ug/kg	50.0		103	70-130		
1,2,4-Trimethylbenzene	52			ug/kg	50.0		103	70-130		
Vinyl Chloride	51			ug/kg	50.0		102	60-140		
o-Xylene	46			ug/kg	50.0		91.7	70-130		
m&p-Xylene	95			ug/kg	100		95.0	70-130		
1,1,1,2,2-Tetrachloroethane	48			ug/kg	50.0		95.3	70-130		
tert-Amyl methyl ether	46			ug/kg	50.0		92.2	70-130		
1,3-Dichloropropane	48			ug/kg	50.0		96.3	70-130		
Ethyl tert-butyl ether	41			ug/kg	50.0		81.0	70-130		
Trichlorofluoromethane	45			ug/kg	50.0		90.1	70-130		
Dichlorodifluoromethane	61			ug/kg	50.0		122	60-140		
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Surrogate: 4-Bromofluorobenzene			50.6	ug/kg	50.0		101	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.3	ug/kg	50.0		96.7	70-130		
Surrogate: Toluene-d8			51.0	ug/kg	50.0		102	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1322 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/29/23					
<b>LCS Dup (B3C1322-BSD1)</b>										
Acetone	46			ug/kg	50.0		92.4	60-140	7.38	30
Benzene	42			ug/kg	50.0		84.0	70-130	9.45	20
Bromobenzene	45			ug/kg	50.0		90.5	70-130	12.7	20
Bromochloromethane	45			ug/kg	50.0		89.4	70-130	4.99	20
Bromodichloromethane	43			ug/kg	50.0		86.8	70-130	9.88	20
Bromoform	46			ug/kg	50.0		92.5	70-130	5.04	20
Bromomethane	44			ug/kg	50.0		88.4	60-140	2.22	30
2-Butanone	41			ug/kg	50.0		81.8	60-140	5.52	30
tert-Butyl alcohol	42			ug/kg	50.0		84.7	70-130	1.52	20
sec-Butylbenzene	46			ug/kg	50.0		91.6	70-130	13.3	20
n-Butylbenzene	45			ug/kg	50.0		90.7	70-130	10.8	20
tert-Butylbenzene	43			ug/kg	50.0		86.6	70-130	16.2	20
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		85.3	70-130	4.63	20
Carbon Disulfide	38			ug/kg	50.0		76.4	50-150	10.3	40
Carbon Tetrachloride	43			ug/kg	50.0		85.9	70-130	4.69	20
Chlorobenzene	40			ug/kg	50.0		79.8	70-130	12.2	20
Chloroethane	38			ug/kg	50.0		75.4	60-140	2.56	30
Chloroform	41			ug/kg	50.0		82.2	70-130	5.72	20
Chloromethane	47			ug/kg	50.0		93.3	60-140	7.31	30
4-Chlorotoluene	42			ug/kg	50.0		84.2	70-130	13.4	20
2-Chlorotoluene	42			ug/kg	50.0		84.3	70-130	11.5	20
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/kg	50.0		90.5	70-130	0.529	20
Dibromochloromethane	43			ug/kg	50.0		85.2	70-130	13.8	20
1,2-Dibromoethane (EDB)	44			ug/kg	50.0		88.2	70-130	2.86	20
Dibromomethane	41			ug/kg	50.0		82.5	60-140	13.1	30
1,2-Dichlorobenzene	45			ug/kg	50.0		90.3	70-130	10.2	20
1,3-Dichlorobenzene	47			ug/kg	50.0		93.6	70-130	11.4	20
1,4-Dichlorobenzene	44			ug/kg	50.0		87.5	70-130	13.5	20
1,1-Dichloroethane	39			ug/kg	50.0		77.6	70-130	6.17	20
1,2-Dichloroethane	41			ug/kg	50.0		82.5	70-130	3.08	20
trans-1,2-Dichloroethene	41			ug/kg	50.0		82.8	70-130	3.37	20
cis-1,2-Dichloroethene	42			ug/kg	50.0		84.4	70-130	6.76	20
1,1-Dichloroethene	41			ug/kg	50.0		82.8	70-130	12.0	20
1,2-Dichloropropane	40			ug/kg	50.0		80.9	70-130	9.67	20
2,2-Dichloropropane	42			ug/kg	50.0		83.6	70-130	4.08	20
cis-1,3-Dichloropropene	40			ug/kg	50.0		80.5	70-130	9.31	20
trans-1,3-Dichloropropene	43			ug/kg	50.0		85.3	70-130	6.62	20
1,1-Dichloropropene	40			ug/kg	50.0		80.1	70-130	15.0	20
Diethyl ether	41			ug/kg	50.0		82.4	60-140	5.80	30
1,4-Dioxane	245			ug/kg	250		98.0	0-200	3.51	50
Ethylbenzene	42			ug/kg	50.0		83.3	70-130	12.6	20
Hexachlorobutadiene	45			ug/kg	50.0		90.5	70-130	13.4	20
2-Hexanone	45			ug/kg	50.0		89.7	70-130	13.1	20
Isopropylbenzene	43			ug/kg	50.0		85.4	70-130	13.1	20
p-Isopropyltoluene	47			ug/kg	50.0		93.1	70-130	15.6	20
Methylene Chloride	51			ug/kg	50.0		101	60-140	12.6	30
4-Methyl-2-pentanone	44			ug/kg	50.0		87.5	70-130	6.48	20
Naphthalene	41			ug/kg	50.0		81.8	70-130	5.17	20
n-Propylbenzene	44			ug/kg	50.0		87.2	70-130	14.5	20
Styrene	42			ug/kg	50.0		83.5	70-130	18.8	20
1,1,1,2-Tetrachloroethane	44			ug/kg	50.0		87.1	70-130	5.32	20
Tetrachloroethene	47			ug/kg	50.0		94.0	70-130	8.42	20
Tetrahydrofuran	44			ug/kg	50.0		88.2	50-150	7.57	40
Toluene	45			ug/kg	50.0		89.5	70-130	7.49	20
1,2,4-Trichlorobenzene	44			ug/kg	50.0		87.7	70-130	8.96	20
1,2,3-Trichlorobenzene	47			ug/kg	50.0		93.0	70-130	6.77	20
1,1,2-Trichloroethane	42			ug/kg	50.0		83.1	70-130	18.8	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1322 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3C1322-BSD1)</b>					Prepared & Analyzed: 03/29/23					
1,1,1-Trichloroethane	44			ug/kg	50.0		88.3	70-130	8.73	20
Trichloroethene	40			ug/kg	50.0		80.1	70-130	10.1	20
1,2,3-Trichloropropane	42			ug/kg	50.0		84.8	70-130	9.41	20
1,3,5-Trimethylbenzene	45			ug/kg	50.0		89.4	70-130	14.2	20
1,2,4-Trimethylbenzene	45			ug/kg	50.0		89.6	70-130	14.0	20
Vinyl Chloride	44			ug/kg	50.0		87.9	60-140	15.3	30
o-Xylene	42			ug/kg	50.0		84.8	70-130	7.75	20
m&p-Xylene	82			ug/kg	100		81.6	70-130	15.2	20
1,1,2,2-Tetrachloroethane	43			ug/kg	50.0		85.7	70-130	10.7	20
tert-Amyl methyl ether	42			ug/kg	50.0		83.0	70-130	10.5	20
1,3-Dichloropropane	41			ug/kg	50.0		81.2	70-130	17.0	20
Ethyl tert-butyl ether	40			ug/kg	50.0		80.3	70-130	0.868	20
Trichlorofluoromethane	40			ug/kg	50.0		80.8	70-130	10.9	20
Dichlorodifluoromethane	53			ug/kg	50.0		106	60-140	13.6	30
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>48.2</i>	<i>ug/kg</i>	<i>50.0</i>		<i>96.4</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>55.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>111</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.9</i>	<i>ug/kg</i>	<i>50.0</i>		<i>104</i>	<i>70-130</i>		

**Batch: B3C1338 - Purge-Trap**

<b>Blank (B3C1338-BLK1)</b>					Prepared & Analyzed: 03/30/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND		1	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1338 - Purge-Trap (Continued)</b>										
<b>Blank (B3C1338-BLK1)</b>					Prepared & Analyzed: 03/30/23					
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	ND		2	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND		1	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.8</i>	<i>ug/l</i>	<i>50.0</i>		<i>95.6</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>52.6</i>	<i>ug/l</i>	<i>50.0</i>		<i>105</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>49.9</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.8</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1338 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 03/30/23					
<b>LCS (B3C1338-BS1)</b>										
Acetone	53			ug/l	50.0		106	70-130		
Benzene	49			ug/l	50.0		98.3	70-130		
Bromobenzene	50			ug/l	50.0		101	70-130		
Bromochloromethane	52			ug/l	50.0		104	70-130		
Bromodichloromethane	54			ug/l	50.0		108	70-130		
Bromoform	46			ug/l	50.0		92.7	70-130		
Bromomethane	54			ug/l	50.0		109	70-130		
2-Butanone	53			ug/l	50.0		107	70-130		
tert-Butyl alcohol	49			ug/l	50.0		98.3	70-130		
sec-Butylbenzene	50			ug/l	50.0		99.7	70-130		
n-Butylbenzene	55			ug/l	50.0		110	70-130		
tert-Butylbenzene	49			ug/l	50.0		98.9	70-130		
Methyl t-butyl ether (MTBE)	51			ug/l	50.0		102	70-130		
Carbon Disulfide	46			ug/l	50.0		91.2	70-130		
Carbon Tetrachloride	55			ug/l	50.0		110	70-130		
Chlorobenzene	46			ug/l	50.0		92.0	70-130		
Chloroethane	54			ug/l	50.0		108	70-130		
Chloroform	50			ug/l	50.0		100	70-130		
Chloromethane	51			ug/l	50.0		102	70-130		
4-Chlorotoluene	49			ug/l	50.0		97.1	70-130		
2-Chlorotoluene	46			ug/l	50.0		92.6	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	45			ug/l	50.0		90.2	70-130		
Dibromochloromethane	50			ug/l	50.0		99.5	70-130		
1,2-Dibromoethane (EDB)	53			ug/l	50.0		106	70-130		
Dibromomethane	54			ug/l	50.0		107	70-130		
1,2-Dichlorobenzene	49			ug/l	50.0		98.9	70-130		
1,3-Dichlorobenzene	48			ug/l	50.0		95.3	70-130		
1,4-Dichlorobenzene	47			ug/l	50.0		94.5	70-130		
1,1-Dichloroethane	49			ug/l	50.0		98.1	70-130		
1,2-Dichloroethane	49			ug/l	50.0		97.4	70-130		
trans-1,2-Dichloroethene	48			ug/l	50.0		96.9	70-130		
cis-1,2-Dichloroethene	52			ug/l	50.0		103	70-130		
1,1-Dichloroethene	49			ug/l	50.0		98.8	70-130		
1,2-Dichloropropane	52			ug/l	50.0		104	70-130		
2,2-Dichloropropane	54			ug/l	50.0		108	70-130		
cis-1,3-Dichloropropene	53			ug/l	50.0		106	70-130		
trans-1,3-Dichloropropene	49			ug/l	50.0		98.3	70-130		
1,1-Dichloropropene	47			ug/l	50.0		94.2	70-130		
Diethyl ether	47			ug/l	50.0		94.1	70-130		
1,4-Dioxane	245			ug/l	250		98.1	0-200		
Ethylbenzene	51			ug/l	50.0		102	70-130		
Hexachlorobutadiene	51			ug/l	50.0		102	70-130		
2-Hexanone	54			ug/l	50.0		108	70-130		
Isopropylbenzene	51			ug/l	50.0		102	70-130		
p-Isopropyltoluene	52			ug/l	50.0		104	70-130		
Methylene Chloride	53			ug/l	50.0		107	60-140		
4-Methyl-2-pentanone	47			ug/l	50.0		93.4	70-130		
Naphthalene	41			ug/l	50.0		81.6	70-130		
n-Propylbenzene	51			ug/l	50.0		102	70-130		
Styrene	52			ug/l	50.0		104	70-130		
1,1,1,2-Tetrachloroethane	53			ug/l	50.0		107	70-130		
Tetrachloroethene	52			ug/l	50.0		104	70-130		
Tetrahydrofuran	50			ug/l	50.0		99.1	70-130		
Toluene	50			ug/l	50.0		99.6	70-130		
1,2,4-Trichlorobenzene	47			ug/l	50.0		93.6	70-130		
1,2,3-Trichlorobenzene	37			ug/l	50.0		74.3	70-130		
1,1,2-Trichloroethane	49			ug/l	50.0		98.1	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1338 - Purge-Trap (Continued)</b>										
<b>LCS (B3C1338-BS1)</b>					Prepared & Analyzed: 03/30/23					
1,1,1-Trichloroethane	52			ug/l	50.0		104	70-130		
Trichloroethene	54			ug/l	50.0		109	70-130		
1,2,3-Trichloropropane	47			ug/l	50.0		93.3	70-130		
1,3,5-Trimethylbenzene	52			ug/l	50.0		104	70-130		
1,2,4-Trimethylbenzene	52			ug/l	50.0		103	70-130		
Vinyl Chloride	49			ug/l	50.0		98.3	70-130		
o-Xylene	49			ug/l	50.0		98.2	70-130		
m&p-Xylene	101			ug/l	100		101	70-130		
1,1,2,2-Tetrachloroethane	49			ug/l	50.0		98.7	70-130		
tert-Amyl methyl ether	52			ug/l	50.0		103	70-130		
1,3-Dichloropropane	52			ug/l	50.0		105	70-130		
Ethyl tert-butyl ether	51			ug/l	50.0		102	70-130		
Diisopropyl ether	50			ug/l	50.0		99.4	70-130		
Trichlorofluoromethane	55			ug/l	50.0		110	70-130		
Dichlorodifluoromethane	61			ug/l	50.0		123	70-130		
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<i>Surrogate: 4-Bromofluorobenzene</i>			49.2	ug/l	50.0		98.4	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			50.0	ug/l	50.0		100	70-130		
<i>Surrogate: Toluene-d8</i>			51.2	ug/l	50.0		102	70-130		
<b>LCS Dup (B3C1338-BSD1)</b>					Prepared & Analyzed: 03/30/23					
Acetone	56			ug/l	50.0		112	70-130	5.75	30
Benzene	48			ug/l	50.0		95.5	70-130	2.81	30
Bromobenzene	49			ug/l	50.0		98.0	70-130	2.58	30
Bromochloromethane	51			ug/l	50.0		103	70-130	0.794	30
Bromodichloromethane	52			ug/l	50.0		105	70-130	2.73	30
Bromoform	46			ug/l	50.0		91.1	70-130	1.76	30
Bromomethane	58			ug/l	50.0		115	70-130	5.87	30
2-Butanone	53			ug/l	50.0		105	70-130	1.49	30
tert-Butyl alcohol	57			ug/l	50.0		114	70-130	15.1	30
sec-Butylbenzene	49			ug/l	50.0		98.0	70-130	1.76	30
n-Butylbenzene	55			ug/l	50.0		110	70-130	0.200	30
tert-Butylbenzene	49			ug/l	50.0		97.5	70-130	1.36	30
Methyl t-butyl ether (MTBE)	51			ug/l	50.0		102	70-130	0.254	30
Carbon Disulfide	45			ug/l	50.0		89.0	70-130	2.46	30
Carbon Tetrachloride	53			ug/l	50.0		107	70-130	2.46	30
Chlorobenzene	45			ug/l	50.0		89.8	70-130	2.40	30
Chloroethane	51			ug/l	50.0		102	70-130	6.06	30
Chloroform	49			ug/l	50.0		98.8	70-130	1.15	30
Chloromethane	50			ug/l	50.0		101	70-130	0.553	30
4-Chlorotoluene	47			ug/l	50.0		94.9	70-130	2.31	30
2-Chlorotoluene	45			ug/l	50.0		89.8	70-130	3.03	30
1,2-Dibromo-3-chloropropane (DBCP)	48			ug/l	50.0		95.2	70-130	5.42	30
Dibromochloromethane	49			ug/l	50.0		97.9	70-130	1.56	30
1,2-Dibromoethane (EDB)	53			ug/l	50.0		106	70-130	0.0564	30
Dibromomethane	53			ug/l	50.0		106	70-130	1.62	30
1,2-Dichlorobenzene	49			ug/l	50.0		98.1	70-130	0.772	30
1,3-Dichlorobenzene	47			ug/l	50.0		94.6	70-130	0.779	30
1,4-Dichlorobenzene	47			ug/l	50.0		94.5	70-130	0.00	30
1,1-Dichloroethane	48			ug/l	50.0		96.7	70-130	1.44	30
1,2-Dichloroethane	48			ug/l	50.0		95.0	70-130	2.49	30
trans-1,2-Dichloroethene	47			ug/l	50.0		93.4	70-130	3.72	30
cis-1,2-Dichloroethene	51			ug/l	50.0		101	70-130	2.04	30
1,1-Dichloroethene	49			ug/l	50.0		97.9	70-130	0.935	30
1,2-Dichloropropane	51			ug/l	50.0		102	70-130	2.32	30
2,2-Dichloropropane	52			ug/l	50.0		104	70-130	3.78	30
cis-1,3-Dichloropropene	52			ug/l	50.0		103	70-130	2.63	30
trans-1,3-Dichloropropene	47			ug/l	50.0		93.9	70-130	4.56	30

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1338 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B3C1338-BSD1)</b>					Prepared & Analyzed: 03/30/23					
1,1-Dichloropropene	46			ug/l	50.0		93.0	70-130	1.35	30
Diethyl ether	46			ug/l	50.0		92.3	70-130	1.97	30
1,4-Dioxane	254			ug/l	250		102	0-200	3.47	40
Ethylbenzene	50			ug/l	50.0		100	70-130	2.04	30
Hexachlorobutadiene	53			ug/l	50.0		106	70-130	3.44	30
2-Hexanone	56			ug/l	50.0		113	70-130	3.89	30
Isopropylbenzene	50			ug/l	50.0		99.1	70-130	2.59	30
p-Isopropyltoluene	51			ug/l	50.0		102	70-130	2.21	30
Methylene Chloride	52			ug/l	50.0		105	60-140	1.80	30
4-Methyl-2-pentanone	47			ug/l	50.0		93.1	70-130	0.322	30
Naphthalene	45			ug/l	50.0		90.6	70-130	10.5	30
n-Propylbenzene	50			ug/l	50.0		100	70-130	1.58	30
Styrene	50			ug/l	50.0		101	70-130	2.89	30
1,1,1,2-Tetrachloroethane	52			ug/l	50.0		104	70-130	2.72	30
Tetrachloroethene	52			ug/l	50.0		104	70-130	0.0579	30
Tetrahydrofuran	50			ug/l	50.0		101	70-130	1.56	30
Toluene	49			ug/l	50.0		97.6	70-130	2.03	30
1,2,4-Trichlorobenzene	50			ug/l	50.0		100	70-130	6.81	30
1,2,3-Trichlorobenzene	43			ug/l	50.0		86.9	70-130	15.6	30
1,1,2-Trichloroethane	48			ug/l	50.0		96.4	70-130	1.77	30
1,1,1-Trichloroethane	51			ug/l	50.0		101	70-130	2.34	30
Trichloroethene	54			ug/l	50.0		107	70-130	1.55	30
1,2,3-Trichloropropane	44			ug/l	50.0		87.0	70-130	6.96	30
1,3,5-Trimethylbenzene	51			ug/l	50.0		102	70-130	2.09	30
1,2,4-Trimethylbenzene	51			ug/l	50.0		101	70-130	2.17	30
Vinyl Chloride	49			ug/l	50.0		99.0	70-130	0.649	30
o-Xylene	48			ug/l	50.0		97.0	70-130	1.23	30
m&p-Xylene	99			ug/l	100		98.5	70-130	2.54	30
1,1,2,2-Tetrachloroethane	48			ug/l	50.0		95.0	70-130	3.80	30
tert-Amyl methyl ether	51			ug/l	50.0		102	70-130	1.19	30
1,3-Dichloropropane	52			ug/l	50.0		103	70-130	1.56	30
Ethyl tert-butyl ether	51			ug/l	50.0		101	70-130	1.02	30
Diisopropyl ether	50			ug/l	50.0		99.0	70-130	0.363	30
Trichlorofluoromethane	54			ug/l	50.0		108	70-130	1.72	30
Dichlorodifluoromethane	59			ug/l	50.0		118	70-130	4.14	30
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Surrogate: 4-Bromofluorobenzene			48.8	ug/l	50.0		97.5	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.0	ug/l	50.0		104	70-130		
Surrogate: Toluene-d8			51.1	ug/l	50.0		102	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0032 - EPA 5035</b>										
<b>Blank (B3D0032-BLK1)</b>					Prepared & Analyzed: 03/31/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0032 - EPA 5035 (Continued)</b>										
<b>Blank (B3D0032-BLK1)</b>					Prepared & Analyzed: 03/31/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>45.4</i>	ug/kg	<i>50.0</i>		<i>90.8</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>41.5</i>	ug/kg	<i>50.0</i>		<i>82.9</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.3</i>	ug/kg	<i>50.0</i>		<i>103</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3D0032-BS1)</b>					Prepared & Analyzed: 03/31/23					
Acetone	70			ug/kg	50.0		140	60-140		
Benzene	47			ug/kg	50.0		93.8	70-130		
Bromobenzene	43			ug/kg	50.0		86.8	70-130		
Bromochloromethane	46			ug/kg	50.0		92.6	70-130		
Bromodichloromethane	43			ug/kg	50.0		86.4	70-130		
Bromoform	38			ug/kg	50.0		76.4	70-130		
Bromomethane	59			ug/kg	50.0		118	60-140		
2-Butanone	58			ug/kg	50.0		115	60-140		
tert-Butyl alcohol	41			ug/kg	50.0		82.5	70-130		
sec-Butylbenzene	45			ug/kg	50.0		90.0	70-130		
n-Butylbenzene	50			ug/kg	50.0		99.5	70-130		
tert-Butylbenzene	44			ug/kg	50.0		87.9	70-130		
Methyl t-butyl ether (MTBE)	42			ug/kg	50.0		83.1	70-130		
Carbon Disulfide	35			ug/kg	50.0		69.1	50-150		
Carbon Tetrachloride	46			ug/kg	50.0		92.0	70-130		
Chlorobenzene	41			ug/kg	50.0		82.6	70-130		
Chloroethane	51			ug/kg	50.0		103	60-140		
Chloroform	45			ug/kg	50.0		89.6	70-130		
Chloromethane	40			ug/kg	50.0		79.1	60-140		
4-Chlorotoluene	43			ug/kg	50.0		85.3	70-130		
2-Chlorotoluene	43			ug/kg	50.0		85.1	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	34			ug/kg	50.0		68.8	70-130		
Dibromochloromethane	44			ug/kg	50.0		89.0	70-130		
1,2-Dibromoethane (EDB)	44			ug/kg	50.0		87.4	70-130		
Dibromomethane	45			ug/kg	50.0		89.7	60-140		
1,2-Dichlorobenzene	44			ug/kg	50.0		87.7	70-130		
1,3-Dichlorobenzene	42			ug/kg	50.0		83.5	70-130		
1,4-Dichlorobenzene	43			ug/kg	50.0		86.3	70-130		
1,1-Dichloroethane	46			ug/kg	50.0		91.5	70-130		
1,2-Dichloroethane	41			ug/kg	50.0		82.2	70-130		
trans-1,2-Dichloroethene	46			ug/kg	50.0		92.4	70-130		
cis-1,2-Dichloroethene	46			ug/kg	50.0		92.9	70-130		
1,1-Dichloroethene	39			ug/kg	50.0		78.5	70-130		
1,2-Dichloropropane	47			ug/kg	50.0		93.0	70-130		
2,2-Dichloropropane	43			ug/kg	50.0		85.7	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0032 - EPA 5035 (Continued)</b>										
<b>LCS (B3D0032-BS1)</b>					Prepared & Analyzed: 03/31/23					
cis-1,3-Dichloropropene	44			ug/kg	50.0		87.6	70-130		
trans-1,3-Dichloropropene	41			ug/kg	50.0		82.3	70-130		
1,1-Dichloropropene	47			ug/kg	50.0		94.4	70-130		
Diethyl ether	41			ug/kg	50.0		82.2	60-140		
1,4-Dioxane	189			ug/kg	250		75.7	0-200		
Ethylbenzene	44			ug/kg	50.0		88.8	70-130		
Hexachlorobutadiene	47			ug/kg	50.0		94.7	70-130		
2-Hexanone	42			ug/kg	50.0		84.4	70-130		
Isopropylbenzene	45			ug/kg	50.0		89.6	70-130		
p-Isopropyltoluene	46			ug/kg	50.0		91.1	70-130		
Methylene Chloride	45			ug/kg	50.0		90.2	60-140		
4-Methyl-2-pentanone	41			ug/kg	50.0		81.2	70-130		
Naphthalene	41			ug/kg	50.0		81.4	70-130		
n-Propylbenzene	45			ug/kg	50.0		90.8	70-130		
Styrene	44			ug/kg	50.0		87.7	70-130		
1,1,1,2-Tetrachloroethane	43			ug/kg	50.0		85.8	70-130		
Tetrachloroethene	50			ug/kg	50.0		99.9	70-130		
Tetrahydrofuran	39			ug/kg	50.0		78.7	50-150		
Toluene	46			ug/kg	50.0		92.9	70-130		
1,2,4-Trichlorobenzene	46			ug/kg	50.0		92.2	70-130		
1,2,3-Trichlorobenzene	43			ug/kg	50.0		86.5	70-130		
1,1,2-Trichloroethane	42			ug/kg	50.0		83.3	70-130		
1,1,1-Trichloroethane	44			ug/kg	50.0		87.3	70-130		
Trichloroethene	49			ug/kg	50.0		97.0	70-130		
1,2,3-Trichloropropane	39			ug/kg	50.0		77.3	70-130		
1,3,5-Trimethylbenzene	45			ug/kg	50.0		90.0	70-130		
1,2,4-Trimethylbenzene	44			ug/kg	50.0		87.9	70-130		
Vinyl Chloride	42			ug/kg	50.0		84.6	60-140		
o-Xylene	42			ug/kg	50.0		85.0	70-130		
m&p-Xylene	87			ug/kg	100		87.5	70-130		
1,1,2,2-Tetrachloroethane	39			ug/kg	50.0		78.6	70-130		
tert-Amyl methyl ether	41			ug/kg	50.0		82.6	70-130		
1,3-Dichloropropane	44			ug/kg	50.0		89.0	70-130		
Ethyl tert-butyl ether	42			ug/kg	50.0		83.8	70-130		
Trichlorofluoromethane	54			ug/kg	50.0		107	70-130		
Dichlorodifluoromethane	47			ug/kg	50.0		93.4	60-140		
<hr/>										
Surrogate: 4-Bromofluorobenzene			48.3	ug/kg	50.0		96.6	70-130		
Surrogate: 1,2-Dichloroethane-d4			50.1	ug/kg	50.0		100	70-130		
Surrogate: Toluene-d8			51.9	ug/kg	50.0		104	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0032 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 03/31/23					
<b>LCS Dup (B3D0032-BSD1)</b>										
Acetone	68			ug/kg	50.0		137	60-140	2.19	30
Benzene	48			ug/kg	50.0		96.8	70-130	3.08	20
Bromobenzene	44			ug/kg	50.0		89.0	70-130	2.53	20
Bromochloromethane	49			ug/kg	50.0		97.9	70-130	5.56	20
Bromodichloromethane	46			ug/kg	50.0		91.1	70-130	5.36	20
Bromoform	40			ug/kg	50.0		80.3	70-130	5.03	20
Bromomethane	74			ug/kg	50.0		147	60-140	22.0	30
2-Butanone	48			ug/kg	50.0		96.2	60-140	18.0	30
tert-Butyl alcohol	43			ug/kg	50.0		86.8	70-130	5.08	20
sec-Butylbenzene	46			ug/kg	50.0		92.7	70-130	2.93	20
n-Butylbenzene	53			ug/kg	50.0		105	70-130	5.86	20
tert-Butylbenzene	45			ug/kg	50.0		90.1	70-130	2.45	20
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		85.9	70-130	3.27	20
Carbon Disulfide	36			ug/kg	50.0		72.7	50-150	5.08	40
Carbon Tetrachloride	48			ug/kg	50.0		95.9	70-130	4.22	20
Chlorobenzene	42			ug/kg	50.0		83.6	70-130	1.30	20
Chloroethane	67			ug/kg	50.0		134	60-140	26.5	30
Chloroform	46			ug/kg	50.0		91.4	70-130	2.08	20
Chloromethane	41			ug/kg	50.0		81.7	60-140	3.21	30
4-Chlorotoluene	43			ug/kg	50.0		85.6	70-130	0.374	20
2-Chlorotoluene	43			ug/kg	50.0		85.4	70-130	0.352	20
1,2-Dibromo-3-chloropropane (DBCP)	37			ug/kg	50.0		74.6	70-130	8.09	20
Dibromochloromethane	46			ug/kg	50.0		92.5	70-130	3.90	20
1,2-Dibromoethane (EDB)	45			ug/kg	50.0		89.9	70-130	2.80	20
Dibromomethane	47			ug/kg	50.0		93.8	60-140	4.47	30
1,2-Dichlorobenzene	46			ug/kg	50.0		91.1	70-130	3.74	20
1,3-Dichlorobenzene	42			ug/kg	50.0		84.6	70-130	1.31	20
1,4-Dichlorobenzene	45			ug/kg	50.0		90.7	70-130	4.93	20
1,1-Dichloroethane	48			ug/kg	50.0		95.1	70-130	3.92	20
1,2-Dichloroethane	41			ug/kg	50.0		81.7	70-130	0.683	20
trans-1,2-Dichloroethene	48			ug/kg	50.0		95.1	70-130	2.84	20
cis-1,2-Dichloroethene	50			ug/kg	50.0		99.4	70-130	6.68	20
1,1-Dichloroethene	41			ug/kg	50.0		81.4	70-130	3.60	20
1,2-Dichloropropane	49			ug/kg	50.0		98.1	70-130	5.31	20
2,2-Dichloropropane	45			ug/kg	50.0		89.1	70-130	3.94	20
cis-1,3-Dichloropropene	46			ug/kg	50.0		91.2	70-130	3.96	20
trans-1,3-Dichloropropene	45			ug/kg	50.0		89.8	70-130	8.65	20
1,1-Dichloropropene	49			ug/kg	50.0		97.3	70-130	2.98	20
Diethyl ether	44			ug/kg	50.0		87.6	60-140	6.41	30
1,4-Dioxane	195			ug/kg	250		78.0	0-200	2.96	50
Ethylbenzene	46			ug/kg	50.0		91.3	70-130	2.80	20
Hexachlorobutadiene	53			ug/kg	50.0		106	70-130	10.9	20
2-Hexanone	43			ug/kg	50.0		86.0	70-130	1.78	20
Isopropylbenzene	45			ug/kg	50.0		90.7	70-130	1.26	20
p-Isopropyltoluene	47			ug/kg	50.0		93.8	70-130	2.96	20
Methylene Chloride	43			ug/kg	50.0		86.7	60-140	4.00	30
4-Methyl-2-pentanone	41			ug/kg	50.0		82.2	70-130	1.25	20
Naphthalene	44			ug/kg	50.0		87.5	70-130	7.22	20
n-Propylbenzene	45			ug/kg	50.0		90.9	70-130	0.0661	20
Styrene	44			ug/kg	50.0		87.9	70-130	0.251	20
1,1,1,2-Tetrachloroethane	43			ug/kg	50.0		86.2	70-130	0.465	20
Tetrachloroethene	51			ug/kg	50.0		102	70-130	2.43	20
Tetrahydrofuran	40			ug/kg	50.0		79.7	50-150	1.29	40
Toluene	48			ug/kg	50.0		96.4	70-130	3.68	20
1,2,4-Trichlorobenzene	50			ug/kg	50.0		99.9	70-130	8.10	20
1,2,3-Trichlorobenzene	48			ug/kg	50.0		95.5	70-130	9.91	20
1,1,2-Trichloroethane	46			ug/kg	50.0		92.1	70-130	0.00	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0032 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3D0032-BSD1)</b>					Prepared & Analyzed: 03/31/23					
1,1,1-Trichloroethane	45			ug/kg	50.0		90.4	70-130	3.47	20
Trichloroethene	49			ug/kg	50.0		98.9	70-130	1.94	20
1,2,3-Trichloropropane	39			ug/kg	50.0		77.9	70-130	0.774	20
1,3,5-Trimethylbenzene	46			ug/kg	50.0		91.4	70-130	1.57	20
1,2,4-Trimethylbenzene	45			ug/kg	50.0		89.5	70-130	1.74	20
Vinyl Chloride	44			ug/kg	50.0		87.1	60-140	2.91	30
o-Xylene	44			ug/kg	50.0		87.1	70-130	2.49	20
m&p-Xylene	87			ug/kg	100		87.3	70-130	0.183	20
1,1,1,2-Tetrachloroethane	41			ug/kg	50.0		81.9	70-130	4.01	20
tert-Amyl methyl ether	44			ug/kg	50.0		88.8	70-130	7.23	20
1,3-Dichloropropane	46			ug/kg	50.0		92.5	70-130	3.86	20
Ethyl tert-butyl ether	45			ug/kg	50.0		89.9	70-130	7.04	20
Trichlorofluoromethane	56			ug/kg	50.0		111	70-130	3.57	20
Dichlorodifluoromethane	48			ug/kg	50.0		95.5	60-140	2.29	30
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>47.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>94.7</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>51.4</i>	<i>ug/kg</i>	<i>50.0</i>		<i>103</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.6</i>	<i>ug/kg</i>	<i>50.0</i>		<i>103</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1352 - EPA 3546</b>										
<b>Blank (B3C1352-BLK1)</b>										
					Prepared: 03/31/23 Analyzed: 04/03/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
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<i>Surrogate: Nitrobenzene-d5</i>			3450	ug/kg	6620		52.1	30-126		
<i>Surrogate: p-Terphenyl-d14</i>			3390	ug/kg	6620		51.1	40-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3550	ug/kg	6620		53.5	34-130		

**Quality Control**  
(Continued)

**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1269 - EPA 3546</b>										
<b>Blank (B3C1269-BLK1)</b>										
					Prepared: 03/29/23 Analyzed: 03/31/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
-----										
Surrogate: Chlorooctadecane			5.06	mg/kg	8.33		60.7	50-130		
<b>LCS (B3C1269-BS1)</b>										
					Prepared: 03/29/23 Analyzed: 03/31/23					
Total Petroleum Hydrocarbons	304		27	mg/kg	667		45.6	44.7-125		
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Surrogate: Chlorooctadecane			4.91	mg/kg	8.33		58.9	50-130		
<b>LCS Dup (B3C1269-BSD1)</b>										
					Prepared: 03/29/23 Analyzed: 03/31/23					
Total Petroleum Hydrocarbons	356		27	mg/kg	667		53.4	44.7-125	15.7	200
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Surrogate: Chlorooctadecane			5.49	mg/kg	8.33		65.9	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.



**New England Testing Laboratory**

59 Greenhill Street  
West Warwick, RI 02893  
1-888-863-8522



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**Chain of Custody Record**

Project No. 21106.00		Project Name/Location: Rogers High, Newport			MATRIX	# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS	
Client: Pare Corporation, 8 Blackstone Valley Pl, Lincoln, RI								AQUEOUS	SOIL	OTHER	TPH 8100M		VOCs 8260
Report To: abarton@parecorp.com; mflynn@parecorp.com													
Invoice To: Accounting													
Date:	Time:	COMP	GRAB	Sample I.D.									
3/28/23	12:13		X	BOT - 104		X		1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X
↓	12:15		↓	SW - 106		↓		↓	↓	↓	↓	↓	
	12:18		↓	SW - 107		↓		↓	↓	↓	↓	↓	
	1:20		↓	SW - 108		↓		↓	↓	↓	↓	↓	
	1:25		↓	SW - 109		↓		↓	↓	↓	↓	↓	
	1:28		↓	SW - 110		↓		↓	↓	↓	↓	↓	

Sampled by (Signature): <i>[Signature]</i>	Date / Time: 3/28 3:54	Received by (Signature):	Date / Time:	Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC TCLP on any D-List &gt; 20x Limit</b>  Turnaround (Business Days): <u>Std.</u>
Relinquished by (Signature): <i>[Signature]</i>	Date / Time: 3/28 3:54	Received by (Signature):	Date / Time:		
Relinquished by (Signature):	Date / Time:	Received for Laboratory by (Signature): <i>[Signature]</i>	Date / Time: 3/28/23 1:35		

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates



New England Testing Laboratory, Inc.  
(401) 353-3420

## REPORT OF ANALYTICAL RESULTS

**NETLAB Work Order Number: 3C31056**  
**Client Project: 21106.00 - SLAM/City of Newport**

Report Date: 11-April-2023

Prepared for:

Michael Flynn  
Pare Corporation  
8 Blackstone Valley Place  
Lincoln, RI 02865

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Richard Warila, Laboratory Director  
New England Testing Laboratory, Inc.  
59 Greenhill Street  
West Warwick, RI 02893  
rich.warila@newenglandtesting.com

**Samples Submitted :**

The samples listed below were submitted to New England Testing Laboratory on 03/31/23. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 3C31056. Custody records are included in this report.

<b>Lab ID</b>	<b>Sample</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
3C31056-01	SW 115	Soil	03/31/2023	03/31/2023
3C31056-02	SW 116	Soil	03/31/2023	03/31/2023
3C31056-03	SW 118	Soil	03/31/2023	03/31/2023

## ***Request for Analysis***

At the client's request, the analyses presented in the following table were performed on the samples submitted.

### **SW 115 (Lab Number: 3C31056-01)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW 116 (Lab Number: 3C31056-02)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

### **SW 118 (Lab Number: 3C31056-03)**

#### **Analysis**

Arsenic  
Lead  
Polynuclear Aromatic Hydrocarbons  
Total Petroleum Hydrocarbons  
Volatile Organic Compounds

#### **Method**

EPA 6010C  
EPA 6010C  
EPA 8270D  
EPA-8100-mod  
EPA 8260C

## ***Method References***

*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA*

## Case Narrative

### Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

### Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions:

8260 VOC: Samples "SW 116" and "SW 118" were analyzed using the methanol-preserved vial provided by the client due to matrix interference.

### Results: Total Metals

**Sample: SW 115**

**Lab Number: 3C31056-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	11.0		1.14	mg/kg	04/03/23	04/06/23
Lead	314		0.57	mg/kg	04/03/23	04/06/23

### Results: Total Metals

**Sample: SW 116**

**Lab Number: 3C31056-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	9.89		1.20	mg/kg	04/03/23	04/06/23
Lead	115		0.60	mg/kg	04/03/23	04/06/23

### Results: Total Metals

**Sample: SW 118**

**Lab Number: 3C31056-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Arsenic	7.58		1.21	mg/kg	04/03/23	04/06/23
Lead	42.2		0.60	mg/kg	04/03/23	04/06/23



## Results: Volatile Organic Compounds

**Sample: SW 115**  
**Lab Number: 3C31056-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		55	ug/kg	04/04/23	04/04/23
Benzene	ND		5	ug/kg	04/04/23	04/04/23
Bromobenzene	ND		5	ug/kg	04/04/23	04/04/23
Bromochloromethane	ND		5	ug/kg	04/04/23	04/04/23
Bromodichloromethane	ND		5	ug/kg	04/04/23	04/04/23
Bromoform	ND		5	ug/kg	04/04/23	04/04/23
Bromomethane	ND		5	ug/kg	04/04/23	04/04/23
2-Butanone	ND		92	ug/kg	04/04/23	04/04/23
tert-Butyl alcohol	ND		5	ug/kg	04/04/23	04/04/23
sec-Butylbenzene	ND		5	ug/kg	04/04/23	04/04/23
n-Butylbenzene	ND		5	ug/kg	04/04/23	04/04/23
tert-Butylbenzene	ND		5	ug/kg	04/04/23	04/04/23
Methyl t-butyl ether (MTBE)	ND		5	ug/kg	04/04/23	04/04/23
Carbon Disulfide	ND		5	ug/kg	04/04/23	04/04/23
Carbon Tetrachloride	ND		5	ug/kg	04/04/23	04/04/23
Chlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
Chloroethane	ND		5	ug/kg	04/04/23	04/04/23
Chloroform	ND		5	ug/kg	04/04/23	04/04/23
Chloromethane	ND		5	ug/kg	04/04/23	04/04/23
4-Chlorotoluene	ND		5	ug/kg	04/04/23	04/04/23
2-Chlorotoluene	ND		5	ug/kg	04/04/23	04/04/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg	04/04/23	04/04/23
Dibromochloromethane	ND		5	ug/kg	04/04/23	04/04/23
1,2-Dibromoethane (EDB)	ND		5	ug/kg	04/04/23	04/04/23
Dibromomethane	ND		5	ug/kg	04/04/23	04/04/23
1,2-Dichlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
1,3-Dichlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
1,4-Dichlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
1,1-Dichloroethane	ND		5	ug/kg	04/04/23	04/04/23
1,2-Dichloroethane	ND		5	ug/kg	04/04/23	04/04/23
trans-1,2-Dichloroethene	ND		5	ug/kg	04/04/23	04/04/23
cis-1,2-Dichloroethene	ND		5	ug/kg	04/04/23	04/04/23
1,1-Dichloroethene	ND		5	ug/kg	04/04/23	04/04/23
1,2-Dichloropropane	ND		5	ug/kg	04/04/23	04/04/23
2,2-Dichloropropane	ND		5	ug/kg	04/04/23	04/04/23
cis-1,3-Dichloropropene	ND		5	ug/kg	04/04/23	04/04/23
trans-1,3-Dichloropropene	ND		5	ug/kg	04/04/23	04/04/23
1,1-Dichloropropene	ND		5	ug/kg	04/04/23	04/04/23
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg	04/04/23	04/04/23
Diethyl ether	ND		5	ug/kg	04/04/23	04/04/23
1,4-Dioxane	ND		105	ug/kg	04/04/23	04/04/23
Ethylbenzene	ND		5	ug/kg	04/04/23	04/04/23
Hexachlorobutadiene	ND		5	ug/kg	04/04/23	04/04/23
2-Hexanone	ND		5	ug/kg	04/04/23	04/04/23
Isopropylbenzene	ND		5	ug/kg	04/04/23	04/04/23
p-Isopropyltoluene	ND		5	ug/kg	04/04/23	04/04/23
Methylene Chloride	ND		22	ug/kg	04/04/23	04/04/23
4-Methyl-2-pentanone	ND		5	ug/kg	04/04/23	04/04/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW 115 (Continued)**

**Lab Number: 3C31056-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		5	ug/kg	04/04/23	04/04/23
n-Propylbenzene	ND		5	ug/kg	04/04/23	04/04/23
Styrene	ND		5	ug/kg	04/04/23	04/04/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	04/04/23	04/04/23
Tetrachloroethene	ND		5	ug/kg	04/04/23	04/04/23
Tetrahydrofuran	ND		5	ug/kg	04/04/23	04/04/23
Toluene	ND		5	ug/kg	04/04/23	04/04/23
1,2,4-Trichlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
1,2,3-Trichlorobenzene	ND		5	ug/kg	04/04/23	04/04/23
1,1,2-Trichloroethane	ND		5	ug/kg	04/04/23	04/04/23
1,1,1-Trichloroethane	ND		5	ug/kg	04/04/23	04/04/23
Trichloroethene	ND		5	ug/kg	04/04/23	04/04/23
1,2,3-Trichloropropane	ND		5	ug/kg	04/04/23	04/04/23
1,3,5-Trimethylbenzene	ND		5	ug/kg	04/04/23	04/04/23
1,2,4-Trimethylbenzene	ND		5	ug/kg	04/04/23	04/04/23
Vinyl Chloride	ND		5	ug/kg	04/04/23	04/04/23
o-Xylene	ND		5	ug/kg	04/04/23	04/04/23
m&p-Xylene	ND		10	ug/kg	04/04/23	04/04/23
Total xylenes	ND		5	ug/kg	04/04/23	04/04/23
1,1,1,2-Tetrachloroethane	ND		5	ug/kg	04/04/23	04/04/23
tert-Amyl methyl ether	ND		5	ug/kg	04/04/23	04/04/23
1,3-Dichloropropane	ND		5	ug/kg	04/04/23	04/04/23
Ethyl tert-butyl ether	ND		5	ug/kg	04/04/23	04/04/23
Diisopropyl ether	ND		5	ug/kg	04/04/23	04/04/23
Trichlorofluoromethane	ND		5	ug/kg	04/04/23	04/04/23
Dichlorodifluoromethane	ND		5	ug/kg	04/04/23	04/04/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>82.9%</i>		<i>70-130</i>		04/04/23	04/04/23
<i>1,2-Dichloroethane-d4</i>	<i>103%</i>		<i>70-130</i>		04/04/23	04/04/23
<i>Toluene-d8</i>	<i>94.6%</i>		<i>70-130</i>		04/04/23	04/04/23

**Results: Volatile Organic Compounds****Sample: SW 116****Lab Number: 3C31056-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		421	ug/kg	04/06/23	04/06/23
Benzene	ND		84	ug/kg	04/06/23	04/06/23
Bromobenzene	ND		84	ug/kg	04/06/23	04/06/23
Bromochloromethane	ND		84	ug/kg	04/06/23	04/06/23
Bromodichloromethane	ND		84	ug/kg	04/06/23	04/06/23
Bromoform	ND		84	ug/kg	04/06/23	04/06/23
Bromomethane	ND		84	ug/kg	04/06/23	04/06/23
2-Butanone	ND		421	ug/kg	04/06/23	04/06/23
tert-Butyl alcohol	ND		421	ug/kg	04/06/23	04/06/23
sec-Butylbenzene	ND		84	ug/kg	04/06/23	04/06/23
n-Butylbenzene	ND		84	ug/kg	04/06/23	04/06/23
tert-Butylbenzene	ND		84	ug/kg	04/06/23	04/06/23
Methyl t-butyl ether (MTBE)	ND		84	ug/kg	04/06/23	04/06/23
Carbon Disulfide	ND		84	ug/kg	04/06/23	04/06/23
Carbon Tetrachloride	ND		84	ug/kg	04/06/23	04/06/23
Chlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
Chloroethane	ND		84	ug/kg	04/06/23	04/06/23
Chloroform	ND		84	ug/kg	04/06/23	04/06/23
Chloromethane	ND		84	ug/kg	04/06/23	04/06/23
4-Chlorotoluene	ND		84	ug/kg	04/06/23	04/06/23
2-Chlorotoluene	ND		84	ug/kg	04/06/23	04/06/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		84	ug/kg	04/06/23	04/06/23
Dibromochloromethane	ND		84	ug/kg	04/06/23	04/06/23
1,2-Dibromoethane (EDB)	ND		84	ug/kg	04/06/23	04/06/23
Dibromomethane	ND		84	ug/kg	04/06/23	04/06/23
1,2-Dichlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
1,3-Dichlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
1,4-Dichlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
1,1-Dichloroethane	ND		84	ug/kg	04/06/23	04/06/23
1,2-Dichloroethane	ND		84	ug/kg	04/06/23	04/06/23
trans-1,2-Dichloroethene	ND		84	ug/kg	04/06/23	04/06/23
cis-1,2-Dichloroethene	ND		84	ug/kg	04/06/23	04/06/23
1,1-Dichloroethene	ND		84	ug/kg	04/06/23	04/06/23
1,2-Dichloropropane	ND		84	ug/kg	04/06/23	04/06/23
2,2-Dichloropropane	ND		84	ug/kg	04/06/23	04/06/23
cis-1,3-Dichloropropene	ND		84	ug/kg	04/06/23	04/06/23
trans-1,3-Dichloropropene	ND		84	ug/kg	04/06/23	04/06/23
1,1-Dichloropropene	ND		84	ug/kg	04/06/23	04/06/23
1,3-Dichloropropene (cis + trans)	ND		168	ug/kg	04/06/23	04/06/23
Diethyl ether	ND		421	ug/kg	04/06/23	04/06/23
1,4-Dioxane	ND		8420	ug/kg	04/06/23	04/06/23
Ethylbenzene	ND		84	ug/kg	04/06/23	04/06/23
Hexachlorobutadiene	ND		84	ug/kg	04/06/23	04/06/23
2-Hexanone	ND		421	ug/kg	04/06/23	04/06/23
Isopropylbenzene	ND		84	ug/kg	04/06/23	04/06/23
p-Isopropyltoluene	ND		84	ug/kg	04/06/23	04/06/23
Methylene Chloride	ND		927	ug/kg	04/06/23	04/06/23
4-Methyl-2-pentanone	ND		421	ug/kg	04/06/23	04/06/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW 116 (Continued)**

**Lab Number: 3C31056-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		84	ug/kg	04/06/23	04/06/23
n-Propylbenzene	ND		84	ug/kg	04/06/23	04/06/23
Styrene	ND		84	ug/kg	04/06/23	04/06/23
1,1,1,2-Tetrachloroethane	ND		84	ug/kg	04/06/23	04/06/23
Tetrachloroethene	ND		84	ug/kg	04/06/23	04/06/23
Tetrahydrofuran	ND		421	ug/kg	04/06/23	04/06/23
Toluene	ND		84	ug/kg	04/06/23	04/06/23
1,2,4-Trichlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
1,2,3-Trichlorobenzene	ND		84	ug/kg	04/06/23	04/06/23
1,1,2-Trichloroethane	ND		84	ug/kg	04/06/23	04/06/23
1,1,1-Trichloroethane	ND		84	ug/kg	04/06/23	04/06/23
Trichloroethene	ND		84	ug/kg	04/06/23	04/06/23
1,2,3-Trichloropropane	ND		84	ug/kg	04/06/23	04/06/23
1,3,5-Trimethylbenzene	ND		84	ug/kg	04/06/23	04/06/23
1,2,4-Trimethylbenzene	ND		84	ug/kg	04/06/23	04/06/23
Vinyl Chloride	ND		84	ug/kg	04/06/23	04/06/23
o-Xylene	ND		84	ug/kg	04/06/23	04/06/23
m&p-Xylene	ND		168	ug/kg	04/06/23	04/06/23
Total xylenes	ND		84	ug/kg	04/06/23	04/06/23
1,1,1,2-Tetrachloroethane	ND		84	ug/kg	04/06/23	04/06/23
tert-Amyl methyl ether	ND		84	ug/kg	04/06/23	04/06/23
1,3-Dichloropropane	ND		84	ug/kg	04/06/23	04/06/23
Ethyl tert-butyl ether	ND		84	ug/kg	04/06/23	04/06/23
Diisopropyl ether	ND		84	ug/kg	04/06/23	04/06/23
Trichlorofluoromethane	ND		84	ug/kg	04/06/23	04/06/23
Dichlorodifluoromethane	ND		84	ug/kg	04/06/23	04/06/23
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Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	<i>100%</i>		<i>70-130</i>		04/06/23	04/06/23
<i>1,2-Dichloroethane-d4</i>	<i>111%</i>		<i>70-130</i>		04/06/23	04/06/23
<i>Toluene-d8</i>	<i>104%</i>		<i>70-130</i>		04/06/23	04/06/23

## Results: Volatile Organic Compounds

**Sample: SW 118**

**Lab Number: 3C31056-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Acetone	ND		347	ug/kg	04/06/23	04/06/23
Benzene	ND		69	ug/kg	04/06/23	04/06/23
Bromobenzene	ND		69	ug/kg	04/06/23	04/06/23
Bromochloromethane	ND		69	ug/kg	04/06/23	04/06/23
Bromodichloromethane	ND		69	ug/kg	04/06/23	04/06/23
Bromoform	ND		69	ug/kg	04/06/23	04/06/23
Bromomethane	ND		69	ug/kg	04/06/23	04/06/23
2-Butanone	ND		347	ug/kg	04/06/23	04/06/23
tert-Butyl alcohol	ND		347	ug/kg	04/06/23	04/06/23
sec-Butylbenzene	ND		69	ug/kg	04/06/23	04/06/23
n-Butylbenzene	ND		69	ug/kg	04/06/23	04/06/23
tert-Butylbenzene	ND		69	ug/kg	04/06/23	04/06/23
Methyl t-butyl ether (MTBE)	ND		69	ug/kg	04/06/23	04/06/23
Carbon Disulfide	ND		69	ug/kg	04/06/23	04/06/23
Carbon Tetrachloride	ND		69	ug/kg	04/06/23	04/06/23
Chlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
Chloroethane	ND		69	ug/kg	04/06/23	04/06/23
Chloroform	ND		69	ug/kg	04/06/23	04/06/23
Chloromethane	ND		69	ug/kg	04/06/23	04/06/23
4-Chlorotoluene	ND		69	ug/kg	04/06/23	04/06/23
2-Chlorotoluene	ND		69	ug/kg	04/06/23	04/06/23
1,2-Dibromo-3-chloropropane (DBCP)	ND		69	ug/kg	04/06/23	04/06/23
Dibromochloromethane	ND		69	ug/kg	04/06/23	04/06/23
1,2-Dibromoethane (EDB)	ND		69	ug/kg	04/06/23	04/06/23
Dibromomethane	ND		69	ug/kg	04/06/23	04/06/23
1,2-Dichlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
1,3-Dichlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
1,4-Dichlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
1,1-Dichloroethane	ND		69	ug/kg	04/06/23	04/06/23
1,2-Dichloroethane	ND		69	ug/kg	04/06/23	04/06/23
trans-1,2-Dichloroethene	ND		69	ug/kg	04/06/23	04/06/23
cis-1,2-Dichloroethene	ND		69	ug/kg	04/06/23	04/06/23
1,1-Dichloroethene	ND		69	ug/kg	04/06/23	04/06/23
1,2-Dichloropropane	ND		69	ug/kg	04/06/23	04/06/23
2,2-Dichloropropane	ND		69	ug/kg	04/06/23	04/06/23
cis-1,3-Dichloropropene	ND		69	ug/kg	04/06/23	04/06/23
trans-1,3-Dichloropropene	ND		69	ug/kg	04/06/23	04/06/23
1,1-Dichloropropene	ND		69	ug/kg	04/06/23	04/06/23
1,3-Dichloropropene (cis + trans)	ND		139	ug/kg	04/06/23	04/06/23
Diethyl ether	ND		347	ug/kg	04/06/23	04/06/23
1,4-Dioxane	ND		6930	ug/kg	04/06/23	04/06/23
Ethylbenzene	ND		69	ug/kg	04/06/23	04/06/23
Hexachlorobutadiene	ND		69	ug/kg	04/06/23	04/06/23
2-Hexanone	ND		347	ug/kg	04/06/23	04/06/23
Isopropylbenzene	ND		69	ug/kg	04/06/23	04/06/23
p-Isopropyltoluene	ND		69	ug/kg	04/06/23	04/06/23
Methylene Chloride	ND		763	ug/kg	04/06/23	04/06/23
4-Methyl-2-pentanone	ND		347	ug/kg	04/06/23	04/06/23

## Results: Volatile Organic Compounds (Continued)

**Sample: SW 118 (Continued)**

**Lab Number: 3C31056-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Naphthalene	ND		69	ug/kg	04/06/23	04/06/23
n-Propylbenzene	ND		69	ug/kg	04/06/23	04/06/23
Styrene	ND		69	ug/kg	04/06/23	04/06/23
1,1,1,2-Tetrachloroethane	ND		69	ug/kg	04/06/23	04/06/23
Tetrachloroethene	ND		69	ug/kg	04/06/23	04/06/23
Tetrahydrofuran	ND		347	ug/kg	04/06/23	04/06/23
Toluene	ND		69	ug/kg	04/06/23	04/06/23
1,2,4-Trichlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
1,2,3-Trichlorobenzene	ND		69	ug/kg	04/06/23	04/06/23
1,1,2-Trichloroethane	ND		69	ug/kg	04/06/23	04/06/23
1,1,1-Trichloroethane	ND		69	ug/kg	04/06/23	04/06/23
Trichloroethene	ND		69	ug/kg	04/06/23	04/06/23
1,2,3-Trichloropropane	ND		69	ug/kg	04/06/23	04/06/23
1,3,5-Trimethylbenzene	ND		69	ug/kg	04/06/23	04/06/23
1,2,4-Trimethylbenzene	ND		69	ug/kg	04/06/23	04/06/23
Vinyl Chloride	ND		69	ug/kg	04/06/23	04/06/23
o-Xylene	ND		69	ug/kg	04/06/23	04/06/23
m&p-Xylene	ND		139	ug/kg	04/06/23	04/06/23
Total xylenes	ND		69	ug/kg	04/06/23	04/06/23
1,1,1,2-Tetrachloroethane	ND		69	ug/kg	04/06/23	04/06/23
tert-Amyl methyl ether	ND		69	ug/kg	04/06/23	04/06/23
1,3-Dichloropropane	ND		69	ug/kg	04/06/23	04/06/23
Ethyl tert-butyl ether	ND		69	ug/kg	04/06/23	04/06/23
Diisopropyl ether	ND		69	ug/kg	04/06/23	04/06/23
Trichlorofluoromethane	ND		69	ug/kg	04/06/23	04/06/23
Dichlorodifluoromethane	ND		69	ug/kg	04/06/23	04/06/23
<hr/>						
Surrogate(s)	Recovery%		Limits			
<hr/>						
<i>4-Bromofluorobenzene</i>	99.2%		70-130		04/06/23	04/06/23
<i>1,2-Dichloroethane-d4</i>	112%		70-130		04/06/23	04/06/23
<i>Toluene-d8</i>	104%		70-130		04/06/23	04/06/23

## Results: Semivolatile organic compounds

**Sample: SW 115**

**Lab Number: 3C31056-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		143	ug/kg	04/08/23	04/10/23
Acenaphthene	ND		143	ug/kg	04/08/23	04/10/23
Acenaphthylene	ND		143	ug/kg	04/08/23	04/10/23
Anthracene	ND		143	ug/kg	04/08/23	04/10/23
<b>Benzo(a)anthracene</b>	<b>359</b>		143	ug/kg	04/08/23	04/10/23
<b>Benzo(a)pyrene</b>	<b>311</b>		143	ug/kg	04/08/23	04/10/23
<b>Benzo(b)fluoranthene</b>	<b>387</b>		143	ug/kg	04/08/23	04/10/23
<b>Benzo(g,h,i)perylene</b>	<b>171</b>		143	ug/kg	04/08/23	04/10/23
<b>Benzo(k)fluoranthene</b>	<b>163</b>		143	ug/kg	04/08/23	04/10/23
<b>Chrysene</b>	<b>322</b>		143	ug/kg	04/08/23	04/10/23
Dibenz(a,h)anthracene	ND		143	ug/kg	04/08/23	04/10/23
Dibenzofuran	ND		143	ug/kg	04/08/23	04/10/23
<b>Fluoranthene</b>	<b>662</b>		143	ug/kg	04/08/23	04/10/23
Fluorene	ND		143	ug/kg	04/08/23	04/10/23
<b>Indeno(1,2,3-cd)pyrene</b>	<b>174</b>		143	ug/kg	04/08/23	04/10/23
Naphthalene	ND		143	ug/kg	04/08/23	04/10/23
<b>Phenanthrene</b>	<b>207</b>		143	ug/kg	04/08/23	04/10/23
<b>Pyrene</b>	<b>664</b>		143	ug/kg	04/08/23	04/10/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	49.2%		28-126		04/08/23	04/10/23
<i>p-Terphenyl-d14</i>	61.6%		42-130		04/08/23	04/10/23
<i>2-Fluorobiphenyl</i>	56.2%		34-130		04/08/23	04/10/23

## Results: Semivolatile organic compounds

**Sample: SW 116**

**Lab Number: 3C31056-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		150	ug/kg	04/08/23	04/10/23
Acenaphthene	ND		150	ug/kg	04/08/23	04/10/23
Acenaphthylene	ND		150	ug/kg	04/08/23	04/10/23
Anthracene	ND		150	ug/kg	04/08/23	04/10/23
Benzo(a)anthracene	ND		150	ug/kg	04/08/23	04/10/23
Benzo(a)pyrene	ND		150	ug/kg	04/08/23	04/10/23
Benzo(b)fluoranthene	ND		150	ug/kg	04/08/23	04/10/23
Benzo(g,h,i)perylene	ND		150	ug/kg	04/08/23	04/10/23
Benzo(k)fluoranthene	ND		150	ug/kg	04/08/23	04/10/23
Chrysene	ND		150	ug/kg	04/08/23	04/10/23
Dibenz(a,h)anthracene	ND		150	ug/kg	04/08/23	04/10/23
Dibenzofuran	ND		150	ug/kg	04/08/23	04/10/23
Fluoranthene	ND		150	ug/kg	04/08/23	04/10/23
Fluorene	ND		150	ug/kg	04/08/23	04/10/23
Indeno(1,2,3-cd)pyrene	ND		150	ug/kg	04/08/23	04/10/23
Naphthalene	ND		150	ug/kg	04/08/23	04/10/23
Phenanthrene	ND		150	ug/kg	04/08/23	04/10/23
Pyrene	ND		150	ug/kg	04/08/23	04/10/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	28.9%		28-126		04/08/23	04/10/23
<i>p-Terphenyl-d14</i>	42.1%		42-130		04/08/23	04/10/23
<i>2-Fluorobiphenyl</i>	35.0%		34-130		04/08/23	04/10/23



## Results: Semivolatile organic compounds

**Sample: SW 118**

**Lab Number: 3C31056-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
2-Methylnaphthalene	ND		152	ug/kg	04/08/23	04/10/23
Acenaphthene	ND		152	ug/kg	04/08/23	04/10/23
Acenaphthylene	ND		152	ug/kg	04/08/23	04/10/23
Anthracene	ND		152	ug/kg	04/08/23	04/10/23
Benzo(a)anthracene	ND		152	ug/kg	04/08/23	04/10/23
Benzo(a)pyrene	ND		152	ug/kg	04/08/23	04/10/23
Benzo(b)fluoranthene	ND		152	ug/kg	04/08/23	04/10/23
Benzo(g,h,i)perylene	ND		152	ug/kg	04/08/23	04/10/23
Benzo(k)fluoranthene	ND		152	ug/kg	04/08/23	04/10/23
Chrysene	ND		152	ug/kg	04/08/23	04/10/23
Dibenz(a,h)anthracene	ND		152	ug/kg	04/08/23	04/10/23
Dibenzofuran	ND		152	ug/kg	04/08/23	04/10/23
Fluoranthene	ND		152	ug/kg	04/08/23	04/10/23
Fluorene	ND		152	ug/kg	04/08/23	04/10/23
Indeno(1,2,3-cd)pyrene	ND		152	ug/kg	04/08/23	04/10/23
Naphthalene	ND		152	ug/kg	04/08/23	04/10/23
Phenanthrene	ND		152	ug/kg	04/08/23	04/10/23
Pyrene	ND		152	ug/kg	04/08/23	04/10/23
Surrogate(s)	Recovery%		Limits			
<i>Nitrobenzene-d5</i>	32.3%		28-126		04/08/23	04/10/23
<i>p-Terphenyl-d14</i>	52.3%		42-130		04/08/23	04/10/23
<i>2-Fluorobiphenyl</i>	43.7%		34-130		04/08/23	04/10/23

**Results: Total Petroleum Hydrocarbons****Sample: SW 115****Lab Number: 3C31056-01 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		30	mg/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>90.1%</i>		<i>50-130</i>		03/31/23	04/03/23

**Results: Total Petroleum Hydrocarbons****Sample: SW 116****Lab Number: 3C31056-02 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	<i>81.6%</i>		<i>50-130</i>		03/31/23	04/03/23

**Results: Total Petroleum Hydrocarbons****Sample: SW 118****Lab Number: 3C31056-03 (Soil)**

Analyte	Result	Qual	Reporting Limit	Units	Date Prepared	Date Analyzed
Total Petroleum Hydrocarbons	ND		31	mg/kg	03/31/23	04/03/23
Surrogate(s)	Recovery%		Limits			
<i>Chlorooctadecane</i>	86.7%		50-130		03/31/23	04/03/23

## Quality Control

### Total Metals

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0033 - Metals Digestion Soils</b>										
<b>Blank (B3D0033-BLK1)</b>					Prepared & Analyzed: 04/03/23					
Lead	ND		0.50	mg/kg						
Arsenic	ND		1.00	mg/kg						
<b>LCS (B3D0033-BS1)</b>					Prepared: 04/03/23 Analyzed: 04/06/23					
Arsenic	19.4		1.00	mg/kg	20.0		97.0	85-115		
Lead	93.4		0.50	mg/kg	100		93.4	85-115		

**Quality Control**  
(Continued)

**Volatile Organic Compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0174 - EPA 5035</b>										
<b>Blank (B3D0174-BLK1)</b>					Prepared & Analyzed: 04/04/23					
Acetone	ND		5	ug/kg						
Benzene	ND		5	ug/kg						
Bromobenzene	ND		5	ug/kg						
Bromochloromethane	ND		5	ug/kg						
Bromodichloromethane	ND		5	ug/kg						
Bromoform	ND		5	ug/kg						
Bromomethane	ND		5	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		5	ug/kg						
n-Butylbenzene	ND		5	ug/kg						
tert-Butylbenzene	ND		5	ug/kg						
Methyl t-butyl ether (MTBE)	ND		5	ug/kg						
Carbon Disulfide	ND		5	ug/kg						
Carbon Tetrachloride	ND		5	ug/kg						
Chlorobenzene	ND		5	ug/kg						
Chloroethane	ND		5	ug/kg						
Chloroform	ND		5	ug/kg						
Chloromethane	ND		5	ug/kg						
4-Chlorotoluene	ND		5	ug/kg						
2-Chlorotoluene	ND		5	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		5	ug/kg						
Dibromochloromethane	ND		5	ug/kg						
1,2-Dibromoethane (EDB)	ND		5	ug/kg						
Dibromomethane	ND		5	ug/kg						
1,2-Dichlorobenzene	ND		5	ug/kg						
1,3-Dichlorobenzene	ND		5	ug/kg						
1,4-Dichlorobenzene	ND		5	ug/kg						
1,1-Dichloroethane	ND		5	ug/kg						
1,2-Dichloroethane	ND		5	ug/kg						
trans-1,2-Dichloroethene	ND		5	ug/kg						
cis-1,2-Dichloroethene	ND		5	ug/kg						
1,1-Dichloroethene	ND		5	ug/kg						
1,2-Dichloropropane	ND		5	ug/kg						
2,2-Dichloropropane	ND		5	ug/kg						
cis-1,3-Dichloropropene	ND		5	ug/kg						
trans-1,3-Dichloropropene	ND		5	ug/kg						
1,1-Dichloropropene	ND		5	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		5	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		5	ug/kg						
Hexachlorobutadiene	ND		5	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		5	ug/kg						
p-Isopropyltoluene	ND		5	ug/kg						
Methylene Chloride	ND		5	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		5	ug/kg						
n-Propylbenzene	ND		5	ug/kg						
Styrene	ND		5	ug/kg						
1,1,1,2-Tetrachloroethane	ND		5	ug/kg						
Tetrachloroethene	ND		5	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		5	ug/kg						
1,2,4-Trichlorobenzene	ND		5	ug/kg						
1,2,3-Trichlorobenzene	ND		5	ug/kg						

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0174 - EPA 5035 (Continued)</b>										
<b>Blank (B3D0174-BLK1)</b>					Prepared & Analyzed: 04/04/23					
1,1,2-Trichloroethane	ND		5	ug/kg						
1,1,1-Trichloroethane	ND		5	ug/kg						
Trichloroethene	ND		5	ug/kg						
1,2,3-Trichloropropane	ND		5	ug/kg						
1,3,5-Trimethylbenzene	ND		5	ug/kg						
1,2,4-Trimethylbenzene	ND		5	ug/kg						
Vinyl Chloride	ND		5	ug/kg						
o-Xylene	ND		5	ug/kg						
m&p-Xylene	ND		10	ug/kg						
Total xylenes	ND		5	ug/kg						
1,1,2,2-Tetrachloroethane	ND		5	ug/kg						
tert-Amyl methyl ether	ND		5	ug/kg						
1,3-Dichloropropane	ND		5	ug/kg						
Ethyl tert-butyl ether	ND		5	ug/kg						
Diisopropyl ether	ND		5	ug/kg						
Trichlorofluoromethane	ND		5	ug/kg						
Dichlorodifluoromethane	ND		5	ug/kg						
<hr/>										
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>45.1</i>	ug/kg	<i>50.0</i>		<i>90.2</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>41.4</i>	ug/kg	<i>50.0</i>		<i>82.8</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>50.3</i>	ug/kg	<i>50.0</i>		<i>101</i>	<i>70-130</i>		
<hr/>										
<b>LCS (B3D0174-BS1)</b>					Prepared & Analyzed: 04/04/23					
Acetone	61			ug/kg	50.0		122	60-140		
Benzene	44			ug/kg	50.0		88.8	70-130		
Bromobenzene	41			ug/kg	50.0		81.6	70-130		
Bromochloromethane	45			ug/kg	50.0		90.2	70-130		
Bromodichloromethane	41			ug/kg	50.0		81.9	70-130		
Bromoform	37			ug/kg	50.0		74.2	70-130		
Bromomethane	53			ug/kg	50.0		106	60-140		
2-Butanone	49			ug/kg	50.0		98.7	60-140		
tert-Butyl alcohol	37			ug/kg	50.0		74.3	70-130		
sec-Butylbenzene	40			ug/kg	50.0		80.4	70-130		
n-Butylbenzene	45			ug/kg	50.0		89.5	70-130		
tert-Butylbenzene	40			ug/kg	50.0		79.5	70-130		
Methyl t-butyl ether (MTBE)	41			ug/kg	50.0		82.1	70-130		
Carbon Disulfide	33			ug/kg	50.0		65.5	50-150		
Carbon Tetrachloride	40			ug/kg	50.0		80.7	70-130		
Chlorobenzene	40			ug/kg	50.0		79.9	70-130		
Chloroethane	55			ug/kg	50.0		109	60-140		
Chloroform	40			ug/kg	50.0		80.5	70-130		
Chloromethane	38			ug/kg	50.0		76.3	60-140		
4-Chlorotoluene	40			ug/kg	50.0		79.5	70-130		
2-Chlorotoluene	40			ug/kg	50.0		79.1	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	34			ug/kg	50.0		67.2	70-130		
Dibromochloromethane	42			ug/kg	50.0		83.7	70-130		
1,2-Dibromoethane (EDB)	42			ug/kg	50.0		84.0	70-130		
Dibromomethane	42			ug/kg	50.0		84.7	60-140		
1,2-Dichlorobenzene	42			ug/kg	50.0		83.9	70-130		
1,3-Dichlorobenzene	39			ug/kg	50.0		77.8	70-130		
1,4-Dichlorobenzene	41			ug/kg	50.0		82.2	70-130		
1,1-Dichloroethane	43			ug/kg	50.0		86.6	70-130		
1,2-Dichloroethane	38			ug/kg	50.0		75.6	70-130		
trans-1,2-Dichloroethene	45			ug/kg	50.0		89.3	70-130		
cis-1,2-Dichloroethene	45			ug/kg	50.0		89.6	70-130		
1,1-Dichloroethene	37			ug/kg	50.0		74.9	70-130		
1,2-Dichloropropane	45			ug/kg	50.0		91.0	70-130		
2,2-Dichloropropane	41			ug/kg	50.0		81.4	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0174 - EPA 5035 (Continued)</b>										
<b>LCS (B3D0174-BS1)</b>					Prepared & Analyzed: 04/04/23					
cis-1,3-Dichloropropene	42			ug/kg	50.0		83.9	70-130		
trans-1,3-Dichloropropene	41			ug/kg	50.0		82.9	70-130		
1,1-Dichloropropene	45			ug/kg	50.0		89.3	70-130		
Diethyl ether	41			ug/kg	50.0		82.5	60-140		
1,4-Dioxane	211			ug/kg	250		84.2	0-200		
Ethylbenzene	40			ug/kg	50.0		80.8	70-130		
Hexachlorobutadiene	46			ug/kg	50.0		91.5	70-130		
2-Hexanone	41			ug/kg	50.0		82.7	70-130		
Isopropylbenzene	41			ug/kg	50.0		81.4	70-130		
p-Isopropyltoluene	41			ug/kg	50.0		82.4	70-130		
Methylene Chloride	42			ug/kg	50.0		84.9	60-140		
4-Methyl-2-pentanone	40			ug/kg	50.0		80.5	70-130		
Naphthalene	41			ug/kg	50.0		81.4	70-130		
n-Propylbenzene	41			ug/kg	50.0		81.1	70-130		
Styrene	41			ug/kg	50.0		82.0	70-130		
1,1,1,2-Tetrachloroethane	40			ug/kg	50.0		79.8	70-130		
Tetrachloroethene	47			ug/kg	50.0		94.7	70-130		
Tetrahydrofuran	40			ug/kg	50.0		80.3	50-150		
Toluene	44			ug/kg	50.0		88.4	70-130		
1,2,4-Trichlorobenzene	45			ug/kg	50.0		90.3	70-130		
1,2,3-Trichlorobenzene	43			ug/kg	50.0		85.9	70-130		
1,1,2-Trichloroethane	44			ug/kg	50.0		88.4	70-130		
1,1,1-Trichloroethane	41			ug/kg	50.0		82.6	70-130		
Trichloroethene	44			ug/kg	50.0		87.3	70-130		
1,2,3-Trichloropropane	37			ug/kg	50.0		73.6	70-130		
1,3,5-Trimethylbenzene	41			ug/kg	50.0		82.0	70-130		
1,2,4-Trimethylbenzene	40			ug/kg	50.0		80.1	70-130		
Vinyl Chloride	43			ug/kg	50.0		85.7	60-140		
o-Xylene	40			ug/kg	50.0		80.3	70-130		
m&p-Xylene	81			ug/kg	100		81.3	70-130		
1,1,2,2-Tetrachloroethane	37			ug/kg	50.0		73.6	70-130		
tert-Amyl methyl ether	41			ug/kg	50.0		81.6	70-130		
1,3-Dichloropropane	42			ug/kg	50.0		83.9	70-130		
Ethyl tert-butyl ether	42			ug/kg	50.0		83.8	70-130		
Trichlorofluoromethane	52			ug/kg	50.0		103	70-130		
Dichlorodifluoromethane	43			ug/kg	50.0		86.9	60-140		
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Surrogate: 4-Bromofluorobenzene			47.3	ug/kg	50.0		94.7	70-130		
Surrogate: 1,2-Dichloroethane-d4			48.6	ug/kg	50.0		97.2	70-130		
Surrogate: Toluene-d8			51.6	ug/kg	50.0		103	70-130		



**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0174 - EPA 5035 (Continued)</b>					Prepared & Analyzed: 04/04/23					
<b>LCS Dup (B3D0174-BSD1)</b>										
Acetone	59			ug/kg	50.0		117	60-140	3.94	30
Benzene	48			ug/kg	50.0		96.6	70-130	8.40	20
Bromobenzene	43			ug/kg	50.0		86.1	70-130	5.41	20
Bromochloromethane	49			ug/kg	50.0		98.5	70-130	8.77	20
Bromodichloromethane	43			ug/kg	50.0		86.5	70-130	5.51	20
Bromoform	40			ug/kg	50.0		79.5	70-130	6.87	20
Bromomethane	57			ug/kg	50.0		114	60-140	7.00	30
2-Butanone	50			ug/kg	50.0		99.4	60-140	0.626	30
tert-Butyl alcohol	40			ug/kg	50.0		80.2	70-130	7.56	20
sec-Butylbenzene	42			ug/kg	50.0		85.0	70-130	5.54	20
n-Butylbenzene	49			ug/kg	50.0		97.4	70-130	8.45	20
tert-Butylbenzene	42			ug/kg	50.0		83.5	70-130	4.96	20
Methyl t-butyl ether (MTBE)	43			ug/kg	50.0		85.9	70-130	4.48	20
Carbon Disulfide	34			ug/kg	50.0		67.9	50-150	3.60	40
Carbon Tetrachloride	45			ug/kg	50.0		89.1	70-130	9.87	20
Chlorobenzene	41			ug/kg	50.0		82.7	70-130	3.42	20
Chloroethane	56			ug/kg	50.0		112	60-140	2.08	30
Chloroform	44			ug/kg	50.0		87.5	70-130	8.29	20
Chloromethane	40			ug/kg	50.0		80.6	60-140	5.48	30
4-Chlorotoluene	41			ug/kg	50.0		81.6	70-130	2.61	20
2-Chlorotoluene	41			ug/kg	50.0		81.4	70-130	2.89	20
1,2-Dibromo-3-chloropropane (DBCP)	37			ug/kg	50.0		74.0	70-130	9.64	20
Dibromochloromethane	45			ug/kg	50.0		90.1	70-130	7.43	20
1,2-Dibromoethane (EDB)	46			ug/kg	50.0		91.2	70-130	8.15	20
Dibromomethane	45			ug/kg	50.0		90.7	60-140	6.86	30
1,2-Dichlorobenzene	46			ug/kg	50.0		92.5	70-130	9.82	20
1,3-Dichlorobenzene	41			ug/kg	50.0		82.4	70-130	5.69	20
1,4-Dichlorobenzene	45			ug/kg	50.0		89.7	70-130	8.73	20
1,1-Dichloroethane	47			ug/kg	50.0		93.9	70-130	8.09	20
1,2-Dichloroethane	40			ug/kg	50.0		80.6	70-130	6.41	20
trans-1,2-Dichloroethene	47			ug/kg	50.0		94.5	70-130	5.66	20
cis-1,2-Dichloroethene	49			ug/kg	50.0		97.3	70-130	8.28	20
1,1-Dichloroethene	40			ug/kg	50.0		79.2	70-130	5.56	20
1,2-Dichloropropane	49			ug/kg	50.0		98.9	70-130	8.38	20
2,2-Dichloropropane	41			ug/kg	50.0		82.7	70-130	1.56	20
cis-1,3-Dichloropropene	46			ug/kg	50.0		91.5	70-130	8.69	20
trans-1,3-Dichloropropene	43			ug/kg	50.0		86.9	70-130	4.78	20
1,1-Dichloropropene	47			ug/kg	50.0		94.6	70-130	5.74	20
Diethyl ether	42			ug/kg	50.0		84.7	60-140	2.66	30
1,4-Dioxane	216			ug/kg	250		86.5	0-200	2.66	50
Ethylbenzene	44			ug/kg	50.0		87.6	70-130	8.12	20
Hexachlorobutadiene	51			ug/kg	50.0		102	70-130	10.5	20
2-Hexanone	41			ug/kg	50.0		81.1	70-130	1.98	20
Isopropylbenzene	43			ug/kg	50.0		85.8	70-130	5.24	20
p-Isopropyltoluene	44			ug/kg	50.0		87.6	70-130	6.12	20
Methylene Chloride	49			ug/kg	50.0		97.9	60-140	14.2	30
4-Methyl-2-pentanone	42			ug/kg	50.0		84.5	70-130	4.83	20
Naphthalene	44			ug/kg	50.0		87.9	70-130	7.71	20
n-Propylbenzene	43			ug/kg	50.0		85.6	70-130	5.40	20
Styrene	43			ug/kg	50.0		86.4	70-130	5.25	20
1,1,1,2-Tetrachloroethane	42			ug/kg	50.0		84.2	70-130	5.27	20
Tetrachloroethene	49			ug/kg	50.0		97.8	70-130	3.18	20
Tetrahydrofuran	41			ug/kg	50.0		82.8	50-150	3.04	40
Toluene	48			ug/kg	50.0		95.5	70-130	7.72	20
1,2,4-Trichlorobenzene	50			ug/kg	50.0		99.0	70-130	9.21	20
1,2,3-Trichlorobenzene	48			ug/kg	50.0		96.9	70-130	12.0	20
1,1,2-Trichloroethane	46			ug/kg	50.0		92.8	70-130	4.83	20

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0174 - EPA 5035 (Continued)</b>										
<b>LCS Dup (B3D0174-BSD1)</b>					Prepared & Analyzed: 04/04/23					
1,1,1-Trichloroethane	43			ug/kg	50.0		85.4	70-130	3.33	20
Trichloroethene	48			ug/kg	50.0		96.0	70-130	9.56	20
1,2,3-Trichloropropane	39			ug/kg	50.0		77.1	70-130	4.72	20
1,3,5-Trimethylbenzene	43			ug/kg	50.0		85.8	70-130	4.53	20
1,2,4-Trimethylbenzene	42			ug/kg	50.0		84.1	70-130	4.77	20
Vinyl Chloride	45			ug/kg	50.0		89.9	60-140	4.83	30
o-Xylene	42			ug/kg	50.0		84.1	70-130	4.58	20
m&p-Xylene	85			ug/kg	100		84.6	70-130	3.94	20
1,1,2,2-Tetrachloroethane	39			ug/kg	50.0		77.8	70-130	5.49	20
tert-Amyl methyl ether	45			ug/kg	50.0		90.0	70-130	9.79	20
1,3-Dichloropropane	46			ug/kg	50.0		91.4	70-130	8.56	20
Ethyl tert-butyl ether	46			ug/kg	50.0		91.2	70-130	8.46	20
Trichlorofluoromethane	55			ug/kg	50.0		110	70-130	5.98	20
Dichlorodifluoromethane	46			ug/kg	50.0		91.1	60-140	4.65	30
<i>Surrogate: 4-Bromofluorobenzene</i>			46.0	ug/kg	50.0		91.9	70-130		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			49.0	ug/kg	50.0		98.0	70-130		
<i>Surrogate: Toluene-d8</i>			51.5	ug/kg	50.0		103	70-130		

**Batch: B3D0279 - Purge-Trap**

<b>Blank (B3D0279-BLK1)</b>					Prepared & Analyzed: 04/06/23					
Acetone	ND		5	ug/kg						
Benzene	ND		1	ug/kg						
Bromobenzene	ND		1	ug/kg						
Bromochloromethane	ND		1	ug/kg						
Bromodichloromethane	ND		1	ug/kg						
Bromoform	ND		1	ug/kg						
Bromomethane	ND		1	ug/kg						
2-Butanone	ND		5	ug/kg						
tert-Butyl alcohol	ND		5	ug/kg						
sec-Butylbenzene	ND		1	ug/kg						
n-Butylbenzene	ND		1	ug/kg						
tert-Butylbenzene	ND		1	ug/kg						
Methyl t-butyl ether (MTBE)	ND		1	ug/kg						
Carbon Disulfide	ND		1	ug/kg						
Carbon Tetrachloride	ND		1	ug/kg						
Chlorobenzene	ND		1	ug/kg						
Chloroethane	ND		1	ug/kg						
Chloroform	ND		1	ug/kg						
Chloromethane	ND		1	ug/kg						
4-Chlorotoluene	ND		1	ug/kg						
2-Chlorotoluene	ND		1	ug/kg						
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg						
Dibromochloromethane	ND		1	ug/kg						
1,2-Dibromoethane (EDB)	ND		1	ug/kg						
Dibromomethane	ND		1	ug/kg						
1,2-Dichlorobenzene	ND		1	ug/kg						
1,3-Dichlorobenzene	ND		1	ug/kg						
1,4-Dichlorobenzene	ND		1	ug/kg						
1,1-Dichloroethane	ND		1	ug/kg						
1,2-Dichloroethane	ND		1	ug/kg						
trans-1,2-Dichloroethene	ND		1	ug/kg						
cis-1,2-Dichloroethene	ND		1	ug/kg						
1,1-Dichloroethene	ND		1	ug/kg						
1,2-Dichloropropane	ND		1	ug/kg						
2,2-Dichloropropane	ND		1	ug/kg						
cis-1,3-Dichloropropene	ND		1	ug/kg						
trans-1,3-Dichloropropene	ND		1	ug/kg						

**Quality Control  
(Continued)**

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0279 - Purge-Trap (Continued)</b>										
<b>Blank (B3D0279-BLK1)</b>					Prepared & Analyzed: 04/06/23					
1,1-Dichloropropene	ND		1	ug/kg						
1,3-Dichloropropene (cis + trans)	ND		2	ug/kg						
Diethyl ether	ND		5	ug/kg						
1,4-Dioxane	ND		100	ug/kg						
Ethylbenzene	ND		1	ug/kg						
Hexachlorobutadiene	ND		1	ug/kg						
2-Hexanone	ND		5	ug/kg						
Isopropylbenzene	ND		1	ug/kg						
p-Isopropyltoluene	ND		1	ug/kg						
Methylene Chloride	6		2	ug/kg						
4-Methyl-2-pentanone	ND		5	ug/kg						
Naphthalene	ND		1	ug/kg						
n-Propylbenzene	ND		1	ug/kg						
Styrene	ND		1	ug/kg						
1,1,1,2-Tetrachloroethane	ND		1	ug/kg						
Tetrachloroethene	ND		1	ug/kg						
Tetrahydrofuran	ND		5	ug/kg						
Toluene	ND		1	ug/kg						
1,2,4-Trichlorobenzene	ND		1	ug/kg						
1,2,3-Trichlorobenzene	ND		1	ug/kg						
1,1,2-Trichloroethane	ND		1	ug/kg						
1,1,1-Trichloroethane	ND		1	ug/kg						
Trichloroethene	ND		1	ug/kg						
1,2,3-Trichloropropane	ND		1	ug/kg						
1,3,5-Trimethylbenzene	ND		1	ug/kg						
1,2,4-Trimethylbenzene	ND		1	ug/kg						
Vinyl Chloride	ND		1	ug/kg						
o-Xylene	ND		1	ug/kg						
m&p-Xylene	ND		2	ug/kg						
Total xylenes	ND		1	ug/kg						
1,1,2,2-Tetrachloroethane	ND		1	ug/kg						
tert-Amyl methyl ether	ND		1	ug/kg						
1,3-Dichloropropane	ND		1	ug/kg						
Ethyl tert-butyl ether	ND		1	ug/kg						
Diisopropyl ether	ND		1	ug/kg						
Trichlorofluoromethane	ND		1	ug/kg						
Dichlorodifluoromethane	ND		1	ug/kg						
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>49.6</i>	<i>ug/l</i>	<i>50.0</i>		<i>99.2</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>53.0</i>	<i>ug/l</i>	<i>50.0</i>		<i>106</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>51.2</i>	<i>ug/l</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0279 - Purge-Trap (Continued)</b>					Prepared & Analyzed: 04/06/23					
<b>LCS (B3D0279-BS1)</b>										
Acetone	41			ug/l	50.0		81.8	70-130		
Benzene	50			ug/l	50.0		101	70-130		
Bromobenzene	51			ug/l	50.0		102	70-130		
Bromochloromethane	57			ug/l	50.0		113	70-130		
Bromodichloromethane	58			ug/l	50.0		116	70-130		
Bromoform	50			ug/l	50.0		99.1	70-130		
Bromomethane	87			ug/l	50.0		174	70-130		
2-Butanone	45			ug/l	50.0		90.8	70-130		
tert-Butyl alcohol	56			ug/l	50.0		112	70-130		
sec-Butylbenzene	51			ug/l	50.0		102	70-130		
n-Butylbenzene	54			ug/l	50.0		108	70-130		
tert-Butylbenzene	51			ug/l	50.0		102	70-130		
Methyl t-butyl ether (MTBE)	54			ug/l	50.0		108	70-130		
Carbon Disulfide	40			ug/l	50.0		80.1	70-130		
Carbon Tetrachloride	59			ug/l	50.0		118	70-130		
Chlorobenzene	45			ug/l	50.0		90.9	70-130		
Chloroethane	63			ug/l	50.0		125	70-130		
Chloroform	53			ug/l	50.0		106	70-130		
Chloromethane	52			ug/l	50.0		104	70-130		
4-Chlorotoluene	49			ug/l	50.0		98.3	70-130		
2-Chlorotoluene	48			ug/l	50.0		95.0	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	46			ug/l	50.0		91.1	70-130		
Dibromochloromethane	53			ug/l	50.0		106	70-130		
1,2-Dibromoethane (EDB)	57			ug/l	50.0		113	70-130		
Dibromomethane	58			ug/l	50.0		115	70-130		
1,2-Dichlorobenzene	49			ug/l	50.0		97.7	70-130		
1,3-Dichlorobenzene	48			ug/l	50.0		96.9	70-130		
1,4-Dichlorobenzene	47			ug/l	50.0		93.5	70-130		
1,1-Dichloroethane	51			ug/l	50.0		103	70-130		
1,2-Dichloroethane	51			ug/l	50.0		102	70-130		
trans-1,2-Dichloroethene	49			ug/l	50.0		97.9	70-130		
cis-1,2-Dichloroethene	52			ug/l	50.0		104	70-130		
1,1-Dichloroethene	44			ug/l	50.0		88.0	70-130		
1,2-Dichloropropane	54			ug/l	50.0		108	70-130		
2,2-Dichloropropane	58			ug/l	50.0		116	70-130		
cis-1,3-Dichloropropene	56			ug/l	50.0		112	70-130		
trans-1,3-Dichloropropene	50			ug/l	50.0		101	70-130		
1,1-Dichloropropene	49			ug/l	50.0		98.3	70-130		
Diethyl ether	43			ug/l	50.0		86.3	70-130		
1,4-Dioxane	256			ug/l	250		103	0-200		
Ethylbenzene	50			ug/l	50.0		99.4	70-130		
Hexachlorobutadiene	54			ug/l	50.0		107	70-130		
2-Hexanone	43			ug/l	50.0		85.7	70-130		
Isopropylbenzene	51			ug/l	50.0		102	70-130		
p-Isopropyltoluene	53			ug/l	50.0		106	70-130		
Methylene Chloride	56			ug/l	50.0		111	60-140		
4-Methyl-2-pentanone	50			ug/l	50.0		100	70-130		
Naphthalene	45			ug/l	50.0		89.5	70-130		
n-Propylbenzene	51			ug/l	50.0		102	70-130		
Styrene	52			ug/l	50.0		105	70-130		
1,1,1,2-Tetrachloroethane	54			ug/l	50.0		108	70-130		
Tetrachloroethene	57			ug/l	50.0		114	70-130		
Tetrahydrofuran	48			ug/l	50.0		95.1	70-130		
Toluene	52			ug/l	50.0		103	70-130		
1,2,4-Trichlorobenzene	50			ug/l	50.0		100	70-130		
1,2,3-Trichlorobenzene	45			ug/l	50.0		90.5	70-130		
1,1,2-Trichloroethane	52			ug/l	50.0		104	70-130		

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0279 - Purge-Trap (Continued)</b>										
<b>LCS (B3D0279-BS1)</b>					Prepared & Analyzed: 04/06/23					
1,1,1-Trichloroethane	57			ug/l	50.0		113	70-130		
Trichloroethene	51			ug/l	50.0		103	70-130		
1,2,3-Trichloropropane	44			ug/l	50.0		88.8	70-130		
1,3,5-Trimethylbenzene	53			ug/l	50.0		106	70-130		
1,2,4-Trimethylbenzene	52			ug/l	50.0		103	70-130		
Vinyl Chloride	54			ug/l	50.0		108	70-130		
o-Xylene	50			ug/l	50.0		101	70-130		
m&p-Xylene	99			ug/l	100		99.2	70-130		
1,1,2,2-Tetrachloroethane	51			ug/l	50.0		101	70-130		
tert-Amyl methyl ether	54			ug/l	50.0		109	70-130		
1,3-Dichloropropane	55			ug/l	50.0		109	70-130		
Ethyl tert-butyl ether	53			ug/l	50.0		105	70-130		
Diisopropyl ether	50			ug/l	50.0		101	70-130		
Trichlorofluoromethane	64			ug/l	50.0		127	70-130		
Dichlorodifluoromethane	68			ug/l	50.0		137	70-130		
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>50.8</i>	<i>ug/l</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>		
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>54.2</i>	<i>ug/l</i>	<i>50.0</i>		<i>108</i>	<i>70-130</i>		
<i>Surrogate: Toluene-d8</i>			<i>52.5</i>	<i>ug/l</i>	<i>50.0</i>		<i>105</i>	<i>70-130</i>		
<b>LCS Dup (B3D0279-BSD1)</b>					Prepared & Analyzed: 04/06/23					
Acetone	49			ug/l	50.0		98.3	70-130	18.3	30
Benzene	50			ug/l	50.0		100	70-130	0.557	30
Bromobenzene	51			ug/l	50.0		101	70-130	1.18	30
Bromochloromethane	56			ug/l	50.0		113	70-130	0.443	30
Bromodichloromethane	59			ug/l	50.0		117	70-130	1.01	30
Bromoform	48			ug/l	50.0		96.8	70-130	2.31	30
Bromomethane	87			ug/l	50.0		175	70-130	0.240	30
2-Butanone	48			ug/l	50.0		95.9	70-130	5.47	30
tert-Butyl alcohol	56			ug/l	50.0		112	70-130	0.768	30
sec-Butylbenzene	51			ug/l	50.0		102	70-130	0.0784	30
n-Butylbenzene	55			ug/l	50.0		111	70-130	2.67	30
tert-Butylbenzene	51			ug/l	50.0		101	70-130	0.907	30
Methyl t-butyl ether (MTBE)	53			ug/l	50.0		106	70-130	1.20	30
Carbon Disulfide	40			ug/l	50.0		79.7	70-130	0.551	30
Carbon Tetrachloride	59			ug/l	50.0		119	70-130	0.827	30
Chlorobenzene	45			ug/l	50.0		90.7	70-130	0.242	30
Chloroethane	65			ug/l	50.0		129	70-130	2.97	30
Chloroform	53			ug/l	50.0		106	70-130	0.302	30
Chloromethane	51			ug/l	50.0		103	70-130	1.76	30
4-Chlorotoluene	48			ug/l	50.0		96.1	70-130	2.32	30
2-Chlorotoluene	47			ug/l	50.0		94.6	70-130	0.506	30
1,2-Dibromo-3-chloropropane (DBCP)	47			ug/l	50.0		93.6	70-130	2.66	30
Dibromochloromethane	52			ug/l	50.0		104	70-130	1.52	30
1,2-Dibromoethane (EDB)	55			ug/l	50.0		111	70-130	1.98	30
Dibromomethane	58			ug/l	50.0		116	70-130	0.139	30
1,2-Dichlorobenzene	49			ug/l	50.0		98.6	70-130	0.937	30
1,3-Dichlorobenzene	48			ug/l	50.0		97.0	70-130	0.0413	30
1,4-Dichlorobenzene	47			ug/l	50.0		94.2	70-130	0.788	30
1,1-Dichloroethane	51			ug/l	50.0		102	70-130	0.665	30
1,2-Dichloroethane	52			ug/l	50.0		103	70-130	1.13	30
trans-1,2-Dichloroethene	50			ug/l	50.0		99.5	70-130	1.56	30
cis-1,2-Dichloroethene	51			ug/l	50.0		102	70-130	1.26	30
1,1-Dichloroethene	44			ug/l	50.0		88.2	70-130	0.318	30
1,2-Dichloropropane	53			ug/l	50.0		105	70-130	2.82	30
2,2-Dichloropropane	56			ug/l	50.0		112	70-130	3.29	30
cis-1,3-Dichloropropene	55			ug/l	50.0		109	70-130	2.86	30
trans-1,3-Dichloropropene	50			ug/l	50.0		101	70-130	0.119	30

**Quality Control**  
(Continued)

**Volatile Organic Compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0279 - Purge-Trap (Continued)</b>										
<b>LCS Dup (B3D0279-BSD1)</b>					Prepared & Analyzed: 04/06/23					
1,1-Dichloropropene	49			ug/l	50.0		98.5	70-130	0.264	30
Diethyl ether	44			ug/l	50.0		88.7	70-130	2.74	30
1,4-Dioxane	270			ug/l	250		108	0-200	5.05	40
Ethylbenzene	51			ug/l	50.0		102	70-130	2.09	30
Hexachlorobutadiene	58			ug/l	50.0		115	70-130	7.00	30
2-Hexanone	47			ug/l	50.0		93.8	70-130	8.94	30
Isopropylbenzene	51			ug/l	50.0		103	70-130	0.312	30
p-Isopropyltoluene	53			ug/l	50.0		105	70-130	0.569	30
Methylene Chloride	57			ug/l	50.0		114	60-140	2.42	30
4-Methyl-2-pentanone	51			ug/l	50.0		101	70-130	1.07	30
Naphthalene	47			ug/l	50.0		94.2	70-130	5.12	30
n-Propylbenzene	51			ug/l	50.0		101	70-130	0.394	30
Styrene	52			ug/l	50.0		104	70-130	0.670	30
1,1,1,2-Tetrachloroethane	52			ug/l	50.0		105	70-130	3.13	30
Tetrachloroethene	56			ug/l	50.0		112	70-130	0.920	30
Tetrahydrofuran	48			ug/l	50.0		96.4	70-130	1.40	30
Toluene	51			ug/l	50.0		103	70-130	0.504	30
1,2,4-Trichlorobenzene	52			ug/l	50.0		104	70-130	3.90	30
1,2,3-Trichlorobenzene	48			ug/l	50.0		96.9	70-130	6.83	30
1,1,2-Trichloroethane	51			ug/l	50.0		102	70-130	1.55	30
1,1,1-Trichloroethane	55			ug/l	50.0		110	70-130	3.05	30
Trichloroethene	52			ug/l	50.0		104	70-130	1.20	30
1,2,3-Trichloropropane	48			ug/l	50.0		96.2	70-130	7.98	30
1,3,5-Trimethylbenzene	53			ug/l	50.0		105	70-130	1.25	30
1,2,4-Trimethylbenzene	52			ug/l	50.0		104	70-130	1.16	30
Vinyl Chloride	54			ug/l	50.0		108	70-130	0.0369	30
o-Xylene	50			ug/l	50.0		101	70-130	0.159	30
m&p-Xylene	98			ug/l	100		98.2	70-130	1.01	30
1,1,2,2-Tetrachloroethane	50			ug/l	50.0		99.9	70-130	1.57	30
tert-Amyl methyl ether	54			ug/l	50.0		108	70-130	0.905	30
1,3-Dichloropropane	53			ug/l	50.0		107	70-130	2.34	30
Ethyl tert-butyl ether	53			ug/l	50.0		106	70-130	0.456	30
Diisopropyl ether	50			ug/l	50.0		100	70-130	0.378	30
Trichlorofluoromethane	63			ug/l	50.0		125	70-130	1.51	30
Dichlorodifluoromethane	68			ug/l	50.0		136	70-130	0.777	30
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Surrogate: 4-Bromofluorobenzene			50.2	ug/l	50.0		100	70-130		
Surrogate: 1,2-Dichloroethane-d4			52.7	ug/l	50.0		105	70-130		
Surrogate: Toluene-d8			52.2	ug/l	50.0		104	70-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0252 - EPA 3546</b>										
<b>Blank (B3D0252-BLK1)</b>										
					Prepared: 04/08/23 Analyzed: 04/10/23					
2-Methylnaphthalene	ND		129	ug/kg						
Acenaphthene	ND		129	ug/kg						
Acenaphthylene	ND		129	ug/kg						
Anthracene	ND		129	ug/kg						
Benzo(a)anthracene	ND		129	ug/kg						
Benzo(a)pyrene	ND		129	ug/kg						
Benzo(b)fluoranthene	ND		129	ug/kg						
Benzo(g,h,i)perylene	ND		129	ug/kg						
Benzo(k)fluoranthene	ND		129	ug/kg						
Chrysene	ND		129	ug/kg						
Dibenz(a,h)anthracene	ND		129	ug/kg						
Dibenzofuran	ND		129	ug/kg						
Fluoranthene	ND		129	ug/kg						
Fluorene	ND		129	ug/kg						
Indeno(1,2,3-cd)pyrene	ND		129	ug/kg						
Naphthalene	ND		129	ug/kg						
Phenanthrene	ND		129	ug/kg						
Pyrene	ND		129	ug/kg						
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			2400	ug/kg	3310		72.5	28-126		
<i>Surrogate: p-Terphenyl-d14</i>			2610	ug/kg	3310		78.8	42-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			2560	ug/kg	3310		77.4	34-130		
<hr/>										
<b>LCS (B3D0252-BS1)</b>										
					Prepared: 04/08/23 Analyzed: 04/10/23					
2-Methylnaphthalene	2710		129	ug/kg	3310		81.9	40-140		
Acenaphthene	2700		129	ug/kg	3310		81.6	40-140		
Acenaphthylene	2770		129	ug/kg	3310		83.8	40-140		
Anthracene	2740		129	ug/kg	3310		82.8	40-140		
Benzo(a)anthracene	2860		129	ug/kg	3310		86.5	40-140		
Benzo(a)pyrene	2900		129	ug/kg	3310		87.5	40-140		
Benzo(b)fluoranthene	3030		129	ug/kg	3310		91.4	40-140		
Benzo(g,h,i)perylene	2740		129	ug/kg	3310		82.9	40-140		
Benzo(k)fluoranthene	3100		129	ug/kg	3310		93.6	40-140		
Chrysene	2900		129	ug/kg	3310		87.6	40-140		
Dibenz(a,h)anthracene	2800		129	ug/kg	3310		84.4	40-140		
Dibenzofuran	2770		129	ug/kg	3310		83.6	40-140		
Fluoranthene	2770		129	ug/kg	3310		83.8	40-140		
Fluorene	2830		129	ug/kg	3310		85.4	40-140		
Indeno(1,2,3-cd)pyrene	2710		129	ug/kg	3310		81.8	40-140		
Naphthalene	2750		129	ug/kg	3310		83.0	40-140		
Phenanthrene	2810		129	ug/kg	3310		84.9	40-140		
Pyrene	2850		129	ug/kg	3310		86.0	40-140		
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<i>Surrogate: Nitrobenzene-d5</i>			2890	ug/kg	3310		87.2	28-126		
<i>Surrogate: p-Terphenyl-d14</i>			3130	ug/kg	3310		94.7	42-130		
<i>Surrogate: 2-Fluorobiphenyl</i>			3040	ug/kg	3310		91.8	34-130		

**Quality Control**  
(Continued)

**Semivolatile organic compounds (Continued)**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3D0252 - EPA 3546 (Continued)</b>										
<b>LCS Dup (B3D0252-BSD1)</b>										
					Prepared: 04/08/23 Analyzed: 04/10/23					
2-Methylnaphthalene	2380		129	ug/kg	3310		72.0	40-140	12.9	30
Acenaphthene	2390		129	ug/kg	3310		72.0	40-140	12.4	30
Acenaphthylene	2500		129	ug/kg	3310		75.6	40-140	10.3	30
Anthracene	2510		129	ug/kg	3310		75.7	40-140	9.06	30
Benzo(a)anthracene	2510		129	ug/kg	3310		75.8	40-140	13.2	30
Benzo(a)pyrene	2550		129	ug/kg	3310		77.1	40-140	12.6	30
Benzo(b)fluoranthene	2590		129	ug/kg	3310		78.2	40-140	15.6	30
Benzo(g,h,i)perylene	2350		129	ug/kg	3310		71.0	40-140	15.4	30
Benzo(k)fluoranthene	2770		129	ug/kg	3310		83.6	40-140	11.3	30
Chrysene	2520		129	ug/kg	3310		76.1	40-140	14.0	30
Dibenz(a,h)anthracene	2430		129	ug/kg	3310		73.3	40-140	14.0	30
Dibenzofuran	2490		129	ug/kg	3310		75.3	40-140	10.5	30
Fluoranthene	2530		129	ug/kg	3310		76.4	40-140	9.29	30
Fluorene	2530		129	ug/kg	3310		76.4	40-140	11.1	30
Indeno(1,2,3-cd)pyrene	2330		129	ug/kg	3310		70.4	40-140	15.0	30
Naphthalene	2440		129	ug/kg	3310		73.7	40-140	11.9	30
Phenanthrene	2540		129	ug/kg	3310		76.6	40-140	10.2	30
Pyrene	2450		129	ug/kg	3310		73.9	40-140	15.1	30
<hr/>										
<i>Surrogate: Nitrobenzene-d5</i>			<i>2540</i>	<i>ug/kg</i>	<i>3310</i>		<i>76.6</i>	<i>28-126</i>		
<i>Surrogate: p-Terphenyl-d14</i>			<i>2740</i>	<i>ug/kg</i>	<i>3310</i>		<i>82.7</i>	<i>42-130</i>		
<i>Surrogate: 2-Fluorobiphenyl</i>			<i>2710</i>	<i>ug/kg</i>	<i>3310</i>		<i>81.7</i>	<i>34-130</i>		



**Quality Control**  
(Continued)

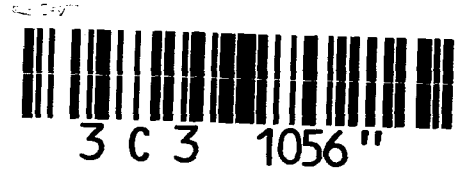
**Total Petroleum Hydrocarbons**

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch: B3C1372 - EPA 3546</b>										
<b>Blank (B3C1372-BLK1)</b>										
					Prepared: 03/31/23 Analyzed: 04/03/23					
Total Petroleum Hydrocarbons	ND		27	mg/kg						
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Surrogate: Chlorooctadecane			5.84	mg/kg	8.33		70.0	50-130		
<b>LCS (B3C1372-BS1)</b>										
					Prepared: 03/31/23 Analyzed: 04/03/23					
Total Petroleum Hydrocarbons	370		27	mg/kg	667		55.6	44.7-125		
-----										
Surrogate: Chlorooctadecane			5.86	mg/kg	8.33		70.3	50-130		
<b>LCS Dup (B3C1372-BSD1)</b>										
					Prepared: 03/31/23 Analyzed: 04/03/23					
Total Petroleum Hydrocarbons	385		27	mg/kg	667		57.7	44.7-125	3.82	200
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Surrogate: Chlorooctadecane			6.05	mg/kg	8.33		72.5	50-130		

## Notes and Definitions

<b>Item</b>	<b>Definition</b>
Wet	Sample results reported on a wet weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.

New England Testing Laboratory  
 59 Greenhill Street  
 West Warwick, RI 02893  
 1-888-863-8522



Chain of Custody Record

Project No. 21106.00		Project Name/Location: Rogers High School, Newport				# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS					
Client: City of Newport c/o Downes Construction Co. (Pare)								TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead						
Report To: abarton@parecorp.com; mflynn@parecorp.com														AQUICIOUS	SOIL	OTHER	
Invoice To: Joe Desanti, Downes Construction Co., jdesanti@downesco.com																	
Date:	Time:	COMP	GRAB	Sample I.D.													
3/31/23	11:20		X	SW 115		X	1 x 40ml 2 x 40ml 1 x 8oz	MeOH Stir-bar Non	X	X	X	X					
	11:30			SW 116													
	11:40			SW 118													
	11:50			BOT 114									El. 44 ft				

Sampled by (Signature): <i>Joe Desanti</i>	Date / Time: 3/31/23 11:50	Received by (Signature):	Date / Time:	Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>	Special Instructions: List Specific Detection Limit Requirements:  RIDEM R-DEC & GA-LC  Turnaround (Business Days): <u>Std.</u>
Relinquished by (Signature):	Date / Time:	Received by (Signature):	Date / Time:		
Relinquished by (Signature): <i>Joe Desanti</i>	Date / Time: 3/31/23 1530	Received for Laboratory by (Signature): <i>Joe Desanti</i>	Date / Time: 3/31/23 1530		

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates

New England Testing Laboratory

59 Greenhill Street  
West Warwick, RI 02893  
1-888-863-8522



3 C 3 1056"

Chain of Custody Record

Project No. <b>21106.00</b>		Project Name/Location: <b>Rogers High School, Newport</b>			# OF CONTAINERS	PRESERVATIVE	Tests**				REMARKS										
Client: <b>City of Newport c/o Downes Construction Co. (Pare)</b>							TPH 8100M	VOCs 8260	PAHs 8270	Indiv. Metals - Arsenic & Lead											
Report To: <b>abarton@parecorp.com; mflynn@parecorp.com</b>															AQUEOUS	SOIL	OTHER				
Invoice To: <b>Joe Desanti, Downes Construction Co., jdesanti@downesco.com</b>																					
Date:	Time:	COMP	GRAB	Sample I.D.																	
3/31/23	11:20		X	SW 115		X															
	11:30			SW 116																	
	11:40			SW 118																	
	11:50			<del>BOT HA</del> *								El. 44 ft									
Sampled by (Signature): <i>Joseph Beaumont</i>		Date / Time 3/31/23 11:50		Received by (Signature):		Date / Time		Laboratory Remarks: Temp. received: <u>5</u> Cooled: <input type="checkbox"/>		Special Instructions: List Specific Detection Limit Requirements: <b>RIDEM R-DEC &amp; GA-LC</b> <i>* Cancelled per Arianne</i> <i>for 413</i> Turnaround (Business Days): <u>    </u> Std.											
Relinquished by (Signature):		Date / Time		Received by (Signature):		Date / Time															
Relinquished by (Signature): <i>Joseph Beaumont</i>		Date / Time 3/31/23 1530		Received for Laboratory by (Signature): <i>Mflynn T...</i>		Date / Time 3/31/23 1530															

\*\* Netlabs subcontracts the following tests: Radiologicals, Radon, TOC, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve, Salmonella, Carbamates