ARM Group LLC
Engineers and Scientists

August 26, 2026

Joan Blatcher, Township Manager
West Pikeland Township
1645 Art School Road
Chester Springs, PA 19425

RE: Phase II Environmental Site Assessment (ESA)
Former Tom Oates Automotive Center
1001 Kimberton Road, Chester Springs, PA
ARM Project 26011098.01 *Via email*

Dear Ms. Blatcher:

ARM Group, LLC (ARM) has conducted a Phase II Environmental Site Assessment (ESA) at the property located at 1001 Kimberton Road, Chester Springs, PA (the Subject Property), to further evaluate Recognized Environmental Conditions (RECs) identified in ARM's July 2026 Phase I Environmental Site Assessment (ESA) Report. The Phase II ESA was conducted consistent with our approved proposal dated July 17, 2026.

The Subject Property consists of 7.8 acres of land located along the northwest side of Kimberton Road (PA Route 113), approximately 1,600 feet northeast of Conestoga Road (PA Route 401). The Subject Property is improved with a commercial building constructed as an attachment to a stone farmhouse. The Subject Property was reportedly used for automotive sales, maintenance and repair services through March 2026. A Site Location Map is included as **Figure 1**.

## 1.0 BACKGROUND

The following conclusions and recommendations were provided in the July 2026 Phase I ESA Report:

- Polychlorinated biphenyls (PCBs) were commonly included within the oils of hydraulic equipment installed in the early 1980s and before, including hydraulic lifts. PCBs are heavily regulated by the Pennsylvania Department of Environmental Protection (PADEP) and the United States Environmental Protection Agency (USEPA). Because hydraulic oils from the former hydraulic lifts leaked into soils beneath the building floor slab and the prior Act 2 cleanup for the site did not address PCBs, it was recommended that soils beneath the floor slab be tested for PCBs in areas where previous in-ground hydraulic lifts were known to have leaked.

- Wash-down operations and the apparent discharge of wash-down water onto the asphalt parking lot from a 500-gallon plastic aboveground storage tank (AST) may have resulted in releases of hazardous substances or petroleum products to the environment. These ongoing discharges to the parking lot have the potential to have impacted the subsurface beneath the parking lot (by infiltration through cracks) and/or the vegetated ground north of the parking lot (by runoff). Therefore, it was recommended that soils and/or stream sediments be tested for potential site-related contaminants from wastewater discharges.
- Soil vapor sampling was not conducted during previous site investigations, and automotive repair operations were reportedly conducted over the time period after completion of previous site evaluations. Because of the potential for volatile organic compounds (VOCs) to be present beneath the building floor, it was recommended that sub-slab vapor testing be conducted to assess the potential for vapor intrusion into the building.
- The water supply well should be sampled and the water sample analyzed for potential VOCs and/or petroleum contaminants, as well as typical Chester County Health Department (CCHD) parameters, prior to use of the water for potable purposes.

## 2.0 PHASE II SUBSURFACE INVESTIGATION

The Phase II Investigation work scope was designed to evaluate soil and soil vapor quality on the Subject Property, as well as test the water quality of the water supply well. The work scope included the collection of soil samples from beneath the auto repair garage and the rear parking lot, collection of sub-slab soil vapor samples in the auto repair garage and former showroom, and sampling of the water supply well.

### 2.1 FIELD PREPARATION

Prior to mobilizing to the Site, a PA-One Call was made to mark out public utilities on the property, and a Sampling and Analysis (S&A) Plan was prepared to detail specifics of the sampling program. The S&A Plan includes laboratory methods, quality assurance/quality control (QA/QC) procedures, and sample collection and handling procedures. In addition, a site-specific Job Safety Analysis (JSA) was prepared for workers in the field.

### 2.2 SOIL QUALITY INVESTIGATION

On July 29, 2026, 11 soil borings were advanced across the site with the use of hand-operated Geoprobe® equipment. ARM provided a project scientist to direct soil boring operations, log subsurface conditions, field screen samples with a hand-held photoionization detector (PID) and inspect the core samples for the presence of odors, staining, or other signs of environmental impact. **Figure 2** depicts the soil boring locations. All soil borings were advanced to a depth of 2 feet below ground surface (bgs). Six soil borings (SB-1 through SB-6) were advanced in the

auto repair garage near former in-ground hydraulic lifts, and five borings (SB-7 through SB-11) were advanced in the rear parking lot in the area of apparent discharge of wash-down water, and in the grassy area along the downslope edge of the parking lot.

At least one soil sample was collected from each soil boring at the depth of greatest observed shallow impact (elevated PID readings or other signs of environmental impact) or at a depth of two feet bgs to assess potential impact by PCBs in the auto repair garage and VOCs, polycyclic aromatic hydrocarbons (PAHs), and PCBs in the parking lot. Odors, staining, and/or elevated PID readings were encountered in all soil borings except SB-1 and SB-2. In general, medium-yellow and red-brown gravelly silts and clays were encountered across the property, with more clay content observed in the exterior borings. The highest PID reading was measured at 18.4 parts per million (ppm) in SB-4, which was located in the vicinity of a hydraulic lift where TTI Environmental Incorporated (TTI) had previously reported elevated petroleum concentrations in their March 2017 Phase II ESA Report and their Act 2 Final Report.

Samples from the auto repair garage area were analyzed for PCBs by EPA method 8082A. Samples from the parking lot wash-down discharge area were analyzed for Target Compound List (TCL) VOCs by EPA Method 8260, PAHs by EPA Method 8270, and PCBs by EPA method 8082A. All samples were collected into laboratory prepared bottleware, placed on ice in a hard plastic cooler, and submitted with chain of custody documentation to Eurofins Lancaster Laboratories Environmental (ELLE).

## 2.3 SUPPLY WELL SAMPLING

On July 30, 2026, an ARM project scientist purged and sampled the on-site supply well. The well was purged from a spigot located in the auto repair garage for 45 minutes at 5-gallons per minute. Approximately 240 gallons were purged equaling 4 well-volumes. Prior to purging, the well was gauged and found to have a depth to water of 8.96 feet from top of casing. The well was sampled using a weighted bailer from the top of the water column. Field readings, including pH, Temperature, and Specific Conductance, were collected from a calibrated Myron Ultrameter. The well water was analyzed for VOCs, PAHs, Lead, and parameters listed in section 501.13.2.2 of the Chester County Health Department water quality testing requirements for individual and semi-public water supplies. All samples were collected and placed immediately on ice in a hard plastic cooler for sample preservation.

## 2.4 SUB-SLAB SOIL VAPOR SAMPLING

Six sub-slab soil vapor points were advanced at the Subject Property on July 30, 2026. The sample collection locations were selected to assess the soil vapor quality beneath the slab-on-grade building floor. Samples were not collected beneath the farmhouse basement floor due to shallow groundwater. The Sub-slab soil vapor point locations are depicted on **Figure 3**.

ARM provided qualified scientists to conduct the sub-slab soil vapor point installation, purge the sampling vapor points, field screen the purged air for the presence of organic vapors with a PID, and set up and monitor the SUMMA canisters for sampling. Soil vapor samples SV-1 through SV-3 were installed near the former in-ground hydraulic lifts in the auto repair garage. SV-1 through SV-3 were biased towards areas where soil exceedances by VOCs had been observed during the prior 2017 investigation by TTI. SV-4 through SV-6 were installed in the showroom and office spaces portion of the building.

## 3.0 ANALTYICAL RESULTS

Complete laboratory analytical reports are included as **Appendix A**. Reported summary results for soil, sub-slab soil vapor, and supply well water are presented in **Tables 1** through **3**, respectively.

The soil sample analytical results were compared to non-residential Medium Specific Concentrations (nrMSCs) and non-residential Soil Statewide Health Standard Vapor Intrusion Screening Values (nrSHS $SV_{SOIL}$), as published in Pennsylvania's Land Recycling and Environmental Remediation Standards Act (Act 2). Laboratory results are summarized as follows:

- Minor detections of PCBs were reported in all soil samples except for SB-7 and SB-8. All detections were below the applicable nrMSCs and nrSHS $SV_{SOIL}$. The maximum concentration reported was 0.2 mg/Kg in SB-3 at 2 feet bgs.
- Low-level detections of PAHs were reported in all five (5) samples from the parking lot, but none were detected above applicable non-residential standards (nrMSCs or nrSHS $SV_{SOIL}$). Benzo(b)fluoranthene in SB-11 exceeded the residential MSC, but was well below the non-residential MSC. Several VOCs were detected, including 2-Butanone, Acetone, Carbon disulfide, and Methyl acetate. All reported concentrations were below nrMSCs and nrSHS $SV_{SOIL}$ and most were reported with estimated concentrations between the method detection limits and reporting limits.

The sub-slab vapor results were compared against Pennsylvania non-residential sub-slab soil gas Statewide Health Standard (SHS) Vapor Intrusion Screening Values (SHS nr$SV_{SS}$).

- There are no reported exceedances of the *non-residential* sub-slab soil gas statewide health vapor intrusion screening values.
- There are some exceedances of the *residential* sub-slab soil gas statewide health vapor intrusion screening values.
- The soil vapor samples for locations in the front of the building (SV-4, SV-5, and SV-6) are all below residential screening criteria, except for one minor detection of acrolein.
- The soil vapor sample with the highest reported concentrations (SV-3) is located adjacent to the former hydraulic lifts. Although higher than the other samples, the SV-3 soil vapor concentrations (including Total Xylenes at 13,900 µg/$m^3$) are still below *non-residential* screening criteria.

The supply well results were compared to the Chester County Health Department (CCHD) Microbiological, Physical and Chemical Water Quality Requirements, USEPA Secondary Maximum Contaminant Levels (SMCLs), and PADEP non-residential MSCs for groundwater. The Supply well sample was collected prior to any treatment system, so it is representative of the groundwater supply – not the water quality after the existing treatment systems.

- Iron, Manganese, and Total Coliform were found in exceedance of CCHD Limits, or USEPA SMCLs. Iron was detected with a concentration of 2,100 µg/L, which has a CCHD Limit and SMCL of 300 µg/L. Manganese was detected with a concentration of 160 µg/L, which has a CCHD limit of 50 µg/L. Total Coliform was reported with a concentration of 109.2 MPN/100 mL, which has a CCHD limit of <1.

- Low level concentrations of PAHs were detected, but those concentrations are well below their respective PADEP nrMSC values.

## 4.0 SUMMARY AND CONCLUSIONS

Based on the results of the Phase II investigation conducted at the Subject Property, ARM has developed the following conclusions for this Phase II ESA Scope of Work.

Potential release of PCBs to soil in association with former hydraulic lifts

ARM collected six soil samples from beneath the building floor slab in the vicinity of the former in-ground hydraulic lifts. While low-level PCB detections were reported in all six of these samples, all reported concentrations were well below their PADEP Act 2 non-residential cleanup standards and EPA's high occupancy cleanup standards. Therefore, no cleanup liability has been identified for PCBs in soils beneath the floor slab.

Soil Vapor Sampling

ARM collected six soil samples from beneath the building floor slab to evaluate the potential for contaminated vapors to migrate into the building's airspace. Three samples were collected in the vicinity of the former in-ground hydraulic lifts, and three samples were collected in the former showroom and office area near the farmhouse. Samples were not collected beneath the farmhouse basement floor due to shallow groundwater.

- There are no reported exceedances of the *non-residential* sub-slab soil gas statewide health vapor intrusion screening values.
- The soil vapor samples for locations in the front of the building (SV-4, SV-5, and SV-6) are all below *residential* screening criteria, except for one minor detection of acrolein.

If future site use is to remain non-residential, then no vapor mitigation appears warranted.

Washdown operations and discharge of washdown water

Soil samples were collected in the area where wash-down water was discharged to the asphalt parking lot and from the grassy area along the downslope edge of the parking lot where runoff occurs. No samples were found to exceed applicable non-residential MSCs or non-residential SHS soil vapor screening values.

Supply Well Sampling

The supply well was purged and sampled prior to any treatment system. Sample results were compared to CCHD limits, USEPA SMCLs, and PADEP nrMSCs for groundwater. Several compounds, including Iron, Manganese, and Total Coliform were found exceeding the CCHD Limits, and USEPA SMCLs. The exceedances may be due to the well sitting unused for an extended period of time. These contaminants would not be associated with petroleum releases. It is recommended that the well water be treated and re-sampled prior to any potable use.

ARM appreciates the opportunity to assist West Pikeland Township with this project. If you would like to discuss the conclusions of this report or if you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

David B. Farrington

David B. Farrington, P.G.
Principal Geologist

Reviewed by: Ryan Stauffer, Project Manager

**Attachments**

**Table 1** – Soil Sampling Analytical Results
**Table 2** – Sub-Slab Soil Vapor Analytical Results
**Table 3** – Supply Well Water Quality Results

**Figure 1** – Subject Property Location Map
**Figure 2** – Soil Boring Location Map
**Figure 3** – Sub-Slab Soil Vapor Location Map

**Appendix A** – Laboratory Analytical Reports

# TABLES

**Table 1**
Soil Sampling Analytical Results
1001 Kimberton Road
ARM Project No.: 26011098.01

| Analyte | Units | PADEP nrMSC | nrSHS SVSoil | SB-1-2 | SB-2-1.75 | SB-3-2 | SB-4-1.75 | SB-5-2 | SB-6-2 | SB-7-2 | SB-8-1 | SB-9-1.75 | SB-10-1.75 | SB-11-1.75 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sample Date** | | | | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** | **7/29/2026** |
| **Sample Depth (ft)** | | | | **2'** | **1.75'** | **2'** | **1.75'** | **2'** | **2'** | **2'** | **1'** | **1.75'** | **1.75'** | **1.75'** |
| **PID Reading (ppm)** | | | | **<1** | **<1** | **<1** | **18.4** | **<1** | **1.8** | **<1** | **<1** | **5.8** | **<1** | **<1** |
| **Polychlorinated biphenyls (PCBs) via EPA Method 8082A** | | | | | | | | | | | | | | |
| PCB-1248 | mg/Kg | 46 | NS | <0.0055 | <0.0055 | <0.0063 | 0.12 | <0.0063 | <0.0064 | <0.062 | <0.0059 | <0.0065 | <0.0061 | <0.006 |
| PCB-1254 | mg/Kg | 64 | NS | 0.023 | <0.0067 | <0.0076 | 0.064 | <0.0076 | <0.0077 | <0.075 | <0.0071 | <0.0079 | <0.0074 | <0.0072 |
| PCB-1260 | mg/Kg | 46 | NS | <0.0067 | 0.011 J | 0.2 | 0.12 | 0.019 J | 0.022 | <0.075 | <0.0071 | 0.011 J | 0.014 J | 0.019 |
| **Volatile Organic Compounds (VOCs) via Method 8260** | | | | | | | | | | | | | | |
| 2-Butanone | mg/Kg | 400 | 1100 | NA | NA | NA | NA | NA | NA | <0.17 | 0.0041 J | 0.029 *3 | <0.11 | <0.1 |
| Acetone | mg/Kg | 8800 | 4700 | NA | NA | NA | NA | NA | NA | <0.51 | 0.03 | 0.22 *3 | <0.33 | <0.31 |
| Carbon disulfide | mg/Kg | 620 | 530 | NA | NA | NA | NA | NA | NA | <0.051 | 0.0011 J | 0.021 *3 | <0.033 | <0.031 |
| Methyl acetate | mg/Kg | 9700 | NS | NA | NA | NA | NA | NA | NA | 0.27 J | <0.0011 | <0.0013 | 0.14 J | <0.052 |
| **Polycyclic Aromtaic Hydrocarbons (PAHs) via Method 8270** | | | | | | | | | | | | | | |
| 1-Methylnaphthalene | mg/Kg | NS | NS | NA | NA | NA | NA | NA | NA | 0.01 J | <0.0037 | <0.0041 | <0.038 | <0.037 |
| 2-Methylnaphthalene | mg/Kg | 100 | 100 | NA | NA | NA | NA | NA | NA | 0.02 | <0.0055 | <0.0061 | <0.057 | <0.056 |
| Acenaphthylene | mg/Kg | 6600 | NS | NA | NA | NA | NA | NA | NA | 0.01 J | <0.0044 | <0.0049 | 0.072 J | 0.8 |
| Anthracene | mg/Kg | 350 | NS | NA | NA | NA | NA | NA | NA | 0.01 J | <0.0037 | <0.0041 | <0.038 | 0.26 |
| Benzo[a]anthracene | mg/Kg | 130 | NS | NA | NA | NA | NA | NA | NA | 0.014 J | 0.0039 J | 0.0067 J | 0.21 | 2.1 |
| Benzo[a]pyrene | mg/Kg | 46 | NS | NA | NA | NA | NA | NA | NA | 0.018 J | <0.0037 | <0.0041 | 0.31 | 3.3 |
| Benzo[b]fluoranthene | mg/Kg | 76 | NS | NA | NA | NA | NA | NA | NA | 0.02 | 0.0047 J | <0.0041 | 0.38 | 4.6 |
| Benzo[g,h,i]perylene | mg/Kg | 180 | NS | NA | NA | NA | NA | NA | NA | 0.022 | <0.0037 | <0.0041 | 0.25 | 2.3 |
| Benzo[k]fluoranthene | mg/Kg | 76 | NS | NA | NA | NA | NA | NA | NA | <0.0039 | <0.0037 | <0.0041 | 0.15 J | 1.5 |
| Chrysene | mg/Kg | 230 | NS | NA | NA | NA | NA | NA | NA | 0.024 | 0.0055 J | 0.0053 J | 0.23 | 2.1 |
| Dibenz(a,h)anthracene | mg/Kg | 22 | NS | NA | NA | NA | NA | NA | NA | <0.0078 | <0.0074 | <0.0081 | 0.081 J | 0.64 |
| Fluoranthene | mg/Kg | 3200 | NS | NA | NA | NA | NA | NA | NA | 0.031 | 0.0046 J | <0.0041 | 0.33 | 3 |
| Fluorene | mg/Kg | 3800 | NS | NA | NA | NA | NA | NA | NA | <0.0039 | <0.0037 | 0.55 | <0.038 | 0.039 J |
| Indeno[1,2,3-cd]pyrene | mg/Kg | 76 | NS | NA | NA | NA | NA | NA | NA | 0.012 J | <0.0044 | <0.0049 | 0.23 | 2.1 |
| Naphthalene | mg/Kg | 25 | 25 | NA | NA | NA | NA | NA | NA | 0.015 J | <0.0074 | <0.0081 | <0.076 | <0.075 |
| Phenanthrene | mg/Kg | 10000 | NS | NA | NA | NA | NA | NA | NA | 0.016 J | <0.0044 | 1.6 | 0.079 J | 0.34 |
| Pyrene | mg/Kg | 2200 | NS | NA | NA | NA | NA | NA | NA | 0.029 | <0.0037 | 0.26 | 0.32 | 3.3 |

Only compounds with detections are presented
PADEP = Pennsylvania Department of Environmental Protection
Direct Contact (0-2 ft.) = Non-residential Direct Contact Surface Soil (0-2 feet) value.
nrMSC = Non-Residential Medium Specific Concentration. Value is the lesser of the soil-to-gw and direct contact medium specific concentration
nrSHS $SV_{SOIL}$ = Soil Statewide Health Standard Vapor Intrusion Screening Values - Non-Residential
mg/Kg = milligrams per kilogram
< = Analyte not detected above laboratory MDL
MDL = Laboratory Method Detection Limit
J = Estimated Value detected between laboratory MDL and laboratory reporting limit
*3 = ISTD response or retention time outside acceptable limits
NS = No standard
NA = Not analyzed
Shaded values exceed nrMSC
**Bold values exceed nrSHS $SV_{SOIL}$**
ft = feet
ppm = parts per million

**Table 2**
Sub-Slab Soil Vapor Sampling Analytical Results
1001 Kimberton Road
ARM Project No.: 26011098.01

| Analytes | Units | SV-1 | | SV-2 | | SV-3 | | SV-4 | | SV-5 | | SV-6 | | PADEP SHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7/30/2026 | | 7/30/2026 | | 7/30/2026 | | 7/30/2026 | | 7/30/2026 | | 7/30/2026 | | $nrSV_{SS}$ |
| | | Results | Q | Results | Q | Results | Q | Results | Q | Results | Q | Results | Q | |
| Dichlorodifluoromethane | $\mu g/m^3$ | <9.89 | | 3.05 | J | <22.1 | | <9.89 | | 204 | | 999 | | 56000 |
| Chloromethane | $\mu g/m^3$ | 3.37 | J | 1.46 | | <9.23 | | <4.13 | | 0.723 | J | <4.13 | | 8700 |
| 1,3-Butadiene | $\mu g/m^3$ | <4.42 | | 10.7 | | 18.8 | | <4.42 | | <2.21 | | <4.42 | | 520 |
| Acrolein | $\mu g/m^3$ | <11.5 | | 9.08 | | <25.7 | | <11.5 | | 2.73 | J | <11.5 | | 11 |
| Acetone | $\mu g/m^3$ | 276 | | 668 | | 4130 | | 347 | | 178 | | 314 | | 17000000 |
| Trichlorofluoromethane | $\mu g/m^3$ | <11.2 | | 1.7 | J | <25.1 | | <11.2 | | <5.62 | | <11.2 | | 390000 |
| Isopropanol | $\mu g/m^3$ | 33.2 | | 244 | | 2050 | | 27.3 | | 48.2 | | 86 | | 110000 |
| Acrylonitrile | $\mu g/m^3$ | 17.5 | | <3.62 | | <24.3 | | <10.9 | | <5.43 | | <10.9 | | 230 |
| 1,1-Dichloroethene | $\mu g/m^3$ | <7.93 | | <2.64 | | 14.4 | J | <7.93 | | <3.96 | | <7.93 | | 110000 |
| Carbon disulfide | $\mu g/m^3$ | 2.3 | J | 2.66 | | <13.9 | | <6.23 | | <3.11 | | <6.23 | | 390000 |
| 1,1-Dichloroethane | $\mu g/m^3$ | 4.13 | J | <2.7 | | 56.7 | | <8.09 | | 1.62 | J | <8.09 | | 9800 |
| Chloroform | $\mu g/m^3$ | 4.05 | J | <3.26 | | <21.8 | | 3.37 | J | <4.88 | | <9.77 | | 680 |
| Tetrahydrofuran | $\mu g/m^3$ | 6.19 | J | <4.93 | | <33 | | 6.87 | J | 3.66 | J | 5.22 | J | 8100 |
| n-Hexane | $\mu g/m^3$ | 46.9 | | 16.1 | | 44.8 | | 7.44 | | 8.81 | | 12.7 | | 390000 |
| 1,1,1-Trichloroethane | $\mu g/m^3$ | <10.9 | | 5.25 | | 417 | | <10.9 | | <5.46 | | <10.9 | | 2800000 |
| Benzene | $\mu g/m^3$ | 51.8 | | 15.2 | | 40.9 | | 3.61 | J | 3.35 | | 2.11 | J | 2000 |
| Cyclohexane | $\mu g/m^3$ | 99.8 | | <2.3 | | 99.8 | | 2.86 | J | 2.94 | J | 2.68 | J | 3400000 |
| 1,4-Dioxane | $\mu g/m^3$ | <7.21 | | 37.8 | | 111 | | 3.46 | J | 2.96 | J | <7.21 | | 3100 |
| Trichloroethene | $\mu g/m^3$ | <10.7 | | 4.96 | | 7.58 | J | <10.7 | | <5.37 | | <10.7 | | 1100 |
| 4-Methyl-2-pentanone | $\mu g/m^3$ | <20.5 | | 8.32 | | 112 | | <20.5 | | <10.2 | | <20.5 | | 1700000 |
| Xylenes, Total | $\mu g/m^3$ | 1460 | | 206 | | 13900 | | 63.4 | | 38.6 | | 31.4 | J | 56000 |
| Toluene | $\mu g/m^3$ | 58 | | 54.6 | | 3080 | | 38.1 | | 26.4 | | 21 | | 2800000 |
| Tetrachloroethene | $\mu g/m^3$ | 7.93 | J | 118 | | 2010 | | 12.2 | J | <6.78 | | <13.6 | | 22000 |
| Ethylbenzene | $\mu g/m^3$ | 266 | | 32.5 | | 2810 | | 11.3 | | 6.39 | | 5.39 | J | 6300 |
| Styrene | $\mu g/m^3$ | <8.52 | | 9.41 | | 20 | | <8.52 | | <4.26 | | <8.52 | | 560000 |
| Isopropylbenzene | $\mu g/m^3$ | 12.3 | | 2.74 | J | 120 | | <9.83 | | <4.92 | | <9.83 | | 220000 |
| 1,3,5-Trimethylbenzene | $\mu g/m^3$ | <9.83 | | 18.6 | | 978 | | 3.15 | J | 2.51 | J | <9.83 | | 34000 |
| 1,2,4-Trimethylbenzene | $\mu g/m^3$ | 8.26 | J | 69.3 | | 2530 | | 11.9 | | 8.85 | | 6.69 | J | 34000 |
| 1,4-Dichlorobenzene | $\mu g/m^3$ | <12 | | <4.01 | | 15.7 | J | <12 | | <6.01 | | <12 | | 1400 |
| 1,2-Dichlorobenzene | $\mu g/m^3$ | <12 | | 4.61 | | 223 | | <12 | | <6.01 | | <12 | | 110000 |
| Naphthalene | $\mu g/m^3$ | <9.96 | | 41 | | *132* | | <9.96 | | <4.98 | | <9.96 | | 460 |

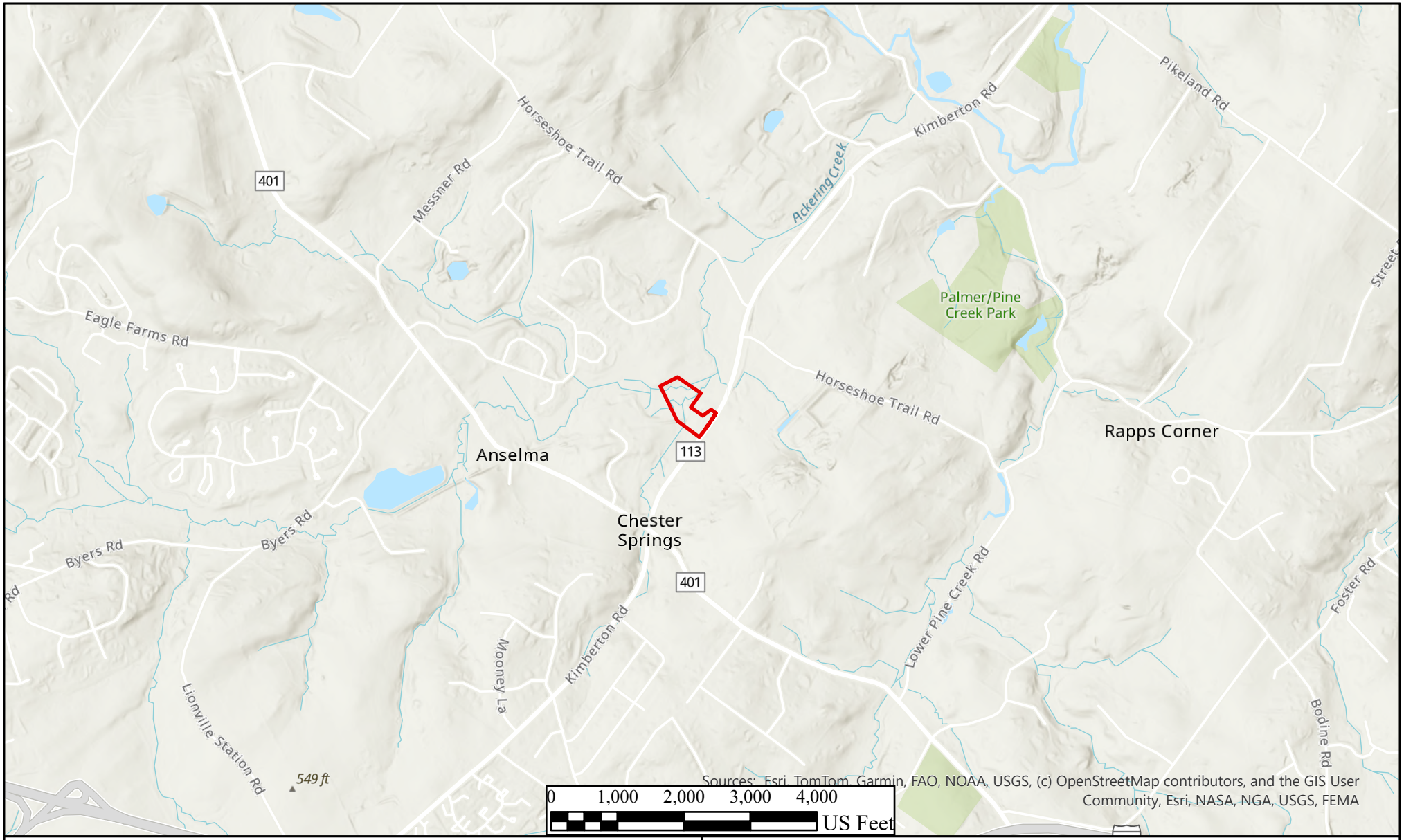
**Notes:**
PADEP = Pennsylvania Department of Environmental Protection
SHS = Statewide Health Standard
$nrSV_{SS}$ = Non-residential Sub-Slab Soil Gas Statewide Health Standard Vapor Intrusion Screening Values
MDL= Laboratory Method Detection Limit
RL= Laboratory Reporting Limit
Non-detected values are reported as "<RL"
J= Esimated concentration detected between the laboratory MDL and RL
Shaded values exceed non-residential SHS $nrSV_{SS}$
Only detected analytes are presented. Refer to Laboratory Certificates of Analysis for the complete analyte list
$\mu g/m^3$= micrograms per cubic meter
Q = Qualifier

**Table 3**
Supply Well Water Quality Results
1001 Kimberton Road
ARM Project No.: 26011098.01

| Analyte | Units | CCHD Limits | USEPA Secondary Max. Contaminants Levels | PADEP nrMSC | Supply Well |
|---|---|---|---|---|---|
| **CCHD Water Quality for Individual and Semi-Public Water Supplies Parameters** | | | | | |
| Turbidity | NTU | 5 | NS | NS | 6.5 |
| Arsenic | ug/L | 10 | NS | 10 | <1.9 |
| Iron | ug/L | 300 | 300 | NS | 2100 |
| Manganese | ug/L | 50 | NS | 300 | 160 |
| Lead | ug/L | NS | NS | 5 | <0.67 |
| Total Dissolved Solids | mg/L | 500 | NS | NS | 65 |
| Nitrogen, Nitrate | mg/L | 10 | NS | 10 | 0.65 |
| MBAS | mg/L | 0.5 | NS | NS | <0.040 |
| Nitrate as N | mg/L | NS | NS | 10 | 0.68 |
| pH | S.U. | 5.5-8.5 | NS | NS | 7.0 |
| Temperature | Degrees C | NS | NS | NS | 23.4 |
| Total Coliform | MPN | <1 | NS | NS | 109.2 |
| Residual Chlorine | mg/L | 0 | NS | NS | <0.060 |
| **PAHs via Method 8270E** | | | | | |
| Benzo[a]anthracene | ug/L | NS | NS | 3.9 | 0.030 J |
| Benzo[a]pyrene | ug/L | NS | NS | 0.2 | 0.038 J |
| Benzo[b]fluoranthene | ug/L | NS | NS | 1.2 | 0.064 |
| Benzo[k]fluoranthene | ug/L | NS | NS | 0.55 | 0.026 J |
| Fluoranthene | ug/L | NS | NS | 260 | 0.068 J |
| Pyrene | ug/L | NS | NS | 130 | 0.067 J |

Supply well sampled on July 30, 2026
NTU = Nephelometric Turbidity Unit
ug/L = Micrograms per liter
mg/L = Miligrams per liter
S.U. = Standard units
MPN = Most probable number
NS = Not sampled
PADEP = Pennsylvania Department of Environmental Protection
rMSC = Residential Medium Specific Concentration
nrMSC = Non-Residential Medium Specific Concentration
USEPA = United States Environmental Protection Agency
< = Analyte not detected above Laboratory MDL
MDL = Method Detection Limit
J = Estimated Value detected between laboratory MDL and laboratory reporting limit
Shaded values exceed either Secondary Contaminant Level or CCHD Water Quality Limit

# FIGURES




Ref.: Basemap from DVRPC Nearmap Aerial Imagery (2025)

# Legend

Subject Property

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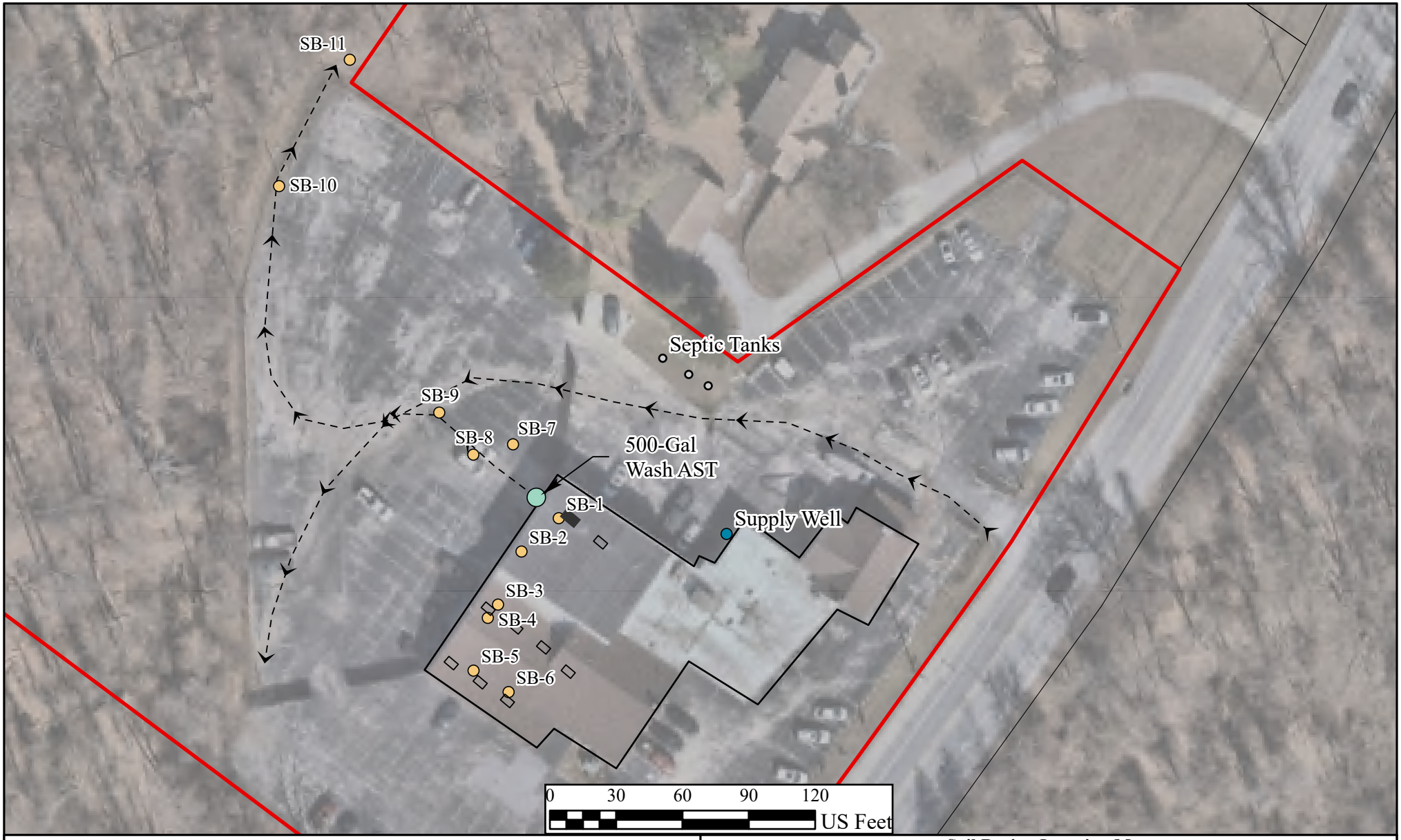
**Subject Property Location Map**
**Former Tom Oates Automotive Center**
**1001 Kimberton Rd**
**West Pikeland Township**
**Chester County, Pennsylvania**

ARM Group LLC
Engineers and Scientists

**Date: 8/4/2026**
**1" =2,000'**
**Project No.: 26011098**

**Figure 1**

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Ref.: Basemap from DVRPC Nearmap Aerial Imagery (2025)

## Legend

- 500-Gal Wash AST
- Septic Tank
- Supply Well
- Former Hydraulic Lift
- Wash Sump
- Soil Boring Locations
- Surface Flow Path
- Chester County Parcels 202604
- Building Outline

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**Soil Boring Location Map**
**Former Tom Oates Automotive Center**
**1001 Kimberton Rd**
**West Pikeland Township**
**Chester County, Pennsylvania**

ARM Group LLC
Engineers and Scientists

**Date: 8/4/2026**
**1" =60'**
**Project No.: 26011098**

**Figure 2**

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Ref.: Basemap from DVRPC Nearmap Aerial Imagery (2025)

## Legend

- 500-Gal Wash AST
- Septic Tank
- Supply Well
- Former Hydraulic Lift
- Wash Sump
- Sub Slab Vapor Point Locations
- Surface Flow Path
- Chester County Parcels 202604
- Building Outline

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**Sub Slab Soil Vapor Location Map**
**Former Tom Oates Automotive Center**
**1001 Kimberton Rd**
**West Pikeland Township**
**Chester County, Pennsylvania**

ARM Group LLC
Engineers and Scientists

**Date: 8/4/2026**
**1" =60'**
**Project No.: 26011098**

**Figure 3**

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# APPENDIX A

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Doug Schott
ARM Group, Inc.
515 S. Franklin Street
West Chester, Pennsylvania 19382

Generated 8/13/2026 4:04:20 PM

## JOB DESCRIPTION

1001 Kimberton Road

## JOB NUMBER

410-297812-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

## Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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8/13/2026 4:04:20 PM

Authorized for release by
Emily Siddall, Principal Project Manager
Emily.Siddall@et.eurofinsus.com
(717)656-2300

# Eurofins Lancaster Laboratories Environment Testing, LLC

## Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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# Definitions/Glossary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *3 | ISTD response or retention time outside acceptable limits. |
| ^c | CCV Recovery is outside acceptance limits. |
| cn | Refer to Case Narrative for further detail |
| H | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1- | Surrogate recovery exceeds control limits, low biased. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| B | Analyte was found in the blank. |
| cn | Refer to Case Narrative for further detail |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| ^c | CCV Recovery is outside acceptance limits. |
| cn | Refer to Case Narrative for further detail |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| S1- | Surrogate recovery exceeds control limits, low biased. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| ! | Laboratory is not accredited for this parameter. |

## Glossary

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

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

**Job Narrative**
**410-297812-1**

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

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

**Receipt**
The samples were received on 7/30/2026 2:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

**Receipt Exceptions**
The container count for the following samples did not match what was listed on the Chain-of-Custody (COC): SB-7-2 (410-297812-7), SB-8-1 (410-297812-8), SB-9-1.75 (410-297812-9), SB-10-1.75 (410-297812-10) and SB-11-1.75 (410-297812-11).
The laboratory received 6 total containers, while the COC lists 5 total containers.

The Chain-of-Custody (COC) was incomplete as received. The COC is missing the sample preservation. This does not meet regulatory requirements.

**GC/MS VOA**
Method 8260D: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB-7-2 (410-297812-7). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-865595 recovered outside acceptance criteria, low biased, for Acetone, Bromomethane and Chloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-865595 recovered above the upper control limit for Dichlorodifluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-866777 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:SB-10-1.75 (410-297812-10).

Method 8260D: Surrogate recovery for Dibromofluoromethane (Surr) was outside acceptance criteria, low biased, for the continuing calibration verification (CCV) on analytical batch 410-867759. The surrogate recovery was within specification for the associated samples: SB-11-1.75 (410-297812-11).

Method 8260D: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to running under failing ICAL in the initial analysis. SB-11-1.75 (410-297812-11)

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-867759 recovered outside acceptance criteria, low biased, for Acetone, Bromomethane and Chloroethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SB-11-1.75 (410-297812-11). Elevated reporting limits (RLs) are provided.

Method 8260D: Internal standard (ISTD) response for the following sample was outside control limits: SB-9-1.75 (410-297812-9). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-864640 recovered above the upper control limit for Dichlorodifluoromethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

**GC/MS Semi VOA**
Method 8270E: The following samples were diluted due to the nature of the sample matrix: SB-10-1.75 (410-297812-10) and SB-11-1.75 (410-297812-11). Elevated reporting limits (RLs) are provided.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: SB-10-1.75 (410-297812-10). Elevated reporting limits (RLs) are provided.

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

**PCBs**
Method 8082A: The continuing calibration verification (CCV) associated with batch 410-864707 recovered outside acceptance criteria, low biased, for PCB-1260 and DCB Decachlorobiphenyl (Surr) on one column. Results are reported from the passing column. SB-1-2 (410-297812-1), SB-3-2 (410-297812-3), SB-4-1.75 (410-297812-4), SB-5-2 (410-297812-5), SB-6-2 (410-297812-6), SB-7-2 (410-297812-7), SB-8-1 (410-297812-8), SB-9-1.75 (410-297812-9), SB-10-1.75 (410-297812-10) and SB-11-1.75 (410-297812-11)

Method 8082A: Surrogate recovery for the following samples were outside control limits: SB-4-1.75 (410-297812-4), SB-5-2 (410-297812-5), SB-7-2 (410-297812-7), SB-9-1.75 (410-297812-9), SB-10-1.75 (410-297812-10) and SB-11-1.75 (410-297812-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

# Detection Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Client Sample ID: SB-1-2 — Lab Sample ID: 410-297812-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1254 (2C) | 0.023 | | 0.018 | 0.0067 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-2-1.75 — Lab Sample ID: 410-297812-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1260 (2C) | 0.011 | J | 0.018 | 0.0067 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-3-2 — Lab Sample ID: 410-297812-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1260 (2C) | 0.20 | | 0.020 | 0.0076 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-4-1.75 — Lab Sample ID: 410-297812-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1248 (2C) | 0.12 | | 0.021 | 0.0064 | mg/Kg | 1 | ☼ | 8082A | Total/NA |
| PCB-1254 (2C) | 0.064 | | 0.021 | 0.0078 | mg/Kg | 1 | ☼ | 8082A | Total/NA |
| PCB-1260 (2C) | 0.12 | | 0.021 | 0.0078 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-5-2 — Lab Sample ID: 410-297812-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1260 (2C) | 0.019 | J | 0.020 | 0.0076 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-6-2 — Lab Sample ID: 410-297812-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1260 (2C) | 0.022 | | 0.021 | 0.0077 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-7-2 — Lab Sample ID: 410-297812-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Methyl acetate | 0.27 | J cn | 0.42 | 0.085 | mg/Kg | 50 | ☼ | 8260D | Total/NA |
| 1-Methylnaphthalene | 0.010 | J | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.020 | | 0.020 | 0.0059 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 0.010 | J | 0.020 | 0.0047 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.010 | J | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.014 | J | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 0.018 | J | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.020 | | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.022 | | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.024 | | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.031 | | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.012 | J | 0.020 | 0.0047 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.015 | J | 0.020 | 0.0078 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 0.016 | J | 0.020 | 0.0047 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 0.029 | | 0.020 | 0.0039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |

## Client Sample ID: SB-8-1 — Lab Sample ID: 410-297812-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 0.0041 | J | 0.011 | 0.0021 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Acetone | 0.030 | | 0.027 | 0.0064 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Carbon disulfide | 0.0011 | J | 0.0053 | 0.00085 | mg/Kg | 1 | ☼ | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-8-1 (Continued) — Lab Sample ID: 410-297812-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]anthracene | 0.0039 | J | 0.018 | 0.0037 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.0047 | J | 0.018 | 0.0037 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.0055 | J | 0.018 | 0.0037 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.0046 | J | 0.018 | 0.0037 | mg/Kg | 1 | ☼ | 8270E | Total/NA |

## Client Sample ID: SB-9-1.75 — Lab Sample ID: 410-297812-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone | 0.029 | *3 cn | 0.013 | 0.0025 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Acetone | 0.22 | *3 cn | 0.031 | 0.0075 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Carbon disulfide | 0.021 | *3 cn | 0.0063 | 0.0010 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Benzo[a]anthracene | 0.0067 | J | 0.020 | 0.0041 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.0053 | J | 0.020 | 0.0041 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluorene | 0.55 | | 0.020 | 0.0041 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 1.6 | | 0.020 | 0.0049 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 0.26 | | 0.020 | 0.0041 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| PCB-1260 (2C) | 0.011 | J | 0.021 | 0.0079 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-10-1.75 — Lab Sample ID: 410-297812-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Methyl acetate | 0.14 | J | 0.28 | 0.056 | mg/Kg | 50 | ☼ | 8260D | Total/NA |
| Acenaphthylene | 0.072 | J cn | 0.19 | 0.046 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.21 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 0.31 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.38 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.25 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.15 | J cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Chrysene | 0.23 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.081 | J cn | 0.19 | 0.076 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.33 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.23 | cn | 0.19 | 0.046 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Phenanthrene | 0.079 | J cn | 0.19 | 0.046 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Pyrene | 0.32 | cn | 0.19 | 0.038 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| PCB-1260 (2C) | 0.014 | J | 0.020 | 0.0074 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

## Client Sample ID: SB-11-1.75 — Lab Sample ID: 410-297812-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthylene | 0.80 | cn | 0.19 | 0.045 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Anthracene | 0.26 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 2.1 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 3.3 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 4.6 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 2.3 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 1.5 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Chrysene | 2.1 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.64 | cn | 0.19 | 0.075 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Fluoranthene | 3.0 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Fluorene | 0.039 | J cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 2.1 | cn | 0.19 | 0.045 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| Phenanthrene | 0.34 | cn | 0.19 | 0.045 | mg/Kg | 10 | ☼ | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-11-1.75 (Continued)

## Lab Sample ID: 410-297812-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Pyrene | 3.3 | cn | 0.19 | 0.037 | mg/Kg | 10 | ☼ | 8270E | Total/NA |
| PCB-1260 (2C) | 0.019 | | 0.019 | 0.0072 | mg/Kg | 1 | ☼ | 8082A | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-1-2

**Date Collected: 07/29/26 09:30**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-1

**Matrix: Solid**
**Percent Solids: 95.5**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1221 (2C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1232 (2C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1242 (2C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1248 (2C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| **PCB-1254 (2C)** | **0.023** | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1260 (2C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1262 (2C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |
| PCB-1268 (2C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:05 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *79* | *^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:05* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *91* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:05* | *1* |
| *Tetrachloro-m-xylene (1C)* | *103* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:05* | *1* |
| *Tetrachloro-m-xylene (2C)* | *98* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:05* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **4.5** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-2-1.75

**Date Collected: 07/29/26 09:32**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-2

**Matrix: Solid**
**Percent Solids: 95.0**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (1C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1221 (1C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1232 (1C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1242 (1C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1248 (1C) | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1254 (1C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| **PCB-1260 (2C)** | **0.011** | **J** | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1262 (1C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |
| PCB-1268 (1C) | ND | | 0.018 | 0.0067 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 16:10 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *83* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 16:10* | *1* |
| *Tetrachloro-m-xylene (2C)* | *93* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 16:10* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **5.0** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-3-2

**Date Collected: 07/29/26 09:55**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-3

**Matrix: Solid**
**Percent Solids: 83.3**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |

## Client Sample ID: SB-3-2

**Lab Sample ID: 410-297812-3**
**Date Collected: 07/29/26 09:55**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 83.3**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1232 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1242 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1248 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1254 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| **PCB-1260 (2C)** | **0.20** | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1262 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |
| PCB-1268 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *75* | *^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:16* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *70* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:16* | *1* |
| *Tetrachloro-m-xylene (1C)* | *80* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:16* | *1* |
| *Tetrachloro-m-xylene (2C)* | *77* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:16* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **16.7** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-4-1.75

**Lab Sample ID: 410-297812-4**
**Date Collected: 07/29/26 10:00**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 81.8**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| PCB-1221 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| PCB-1232 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| PCB-1242 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| **PCB-1248 (2C)** | **0.12** | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| **PCB-1254 (2C)** | **0.064** | | 0.021 | 0.0078 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| **PCB-1260 (2C)** | **0.12** | | 0.021 | 0.0078 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| PCB-1262 (2C) | ND | | 0.021 | 0.0078 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |
| PCB-1268 (2C) | ND | | 0.021 | 0.0078 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:26 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *36* | *S1- ^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:26* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *33* | *S1-* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:26* | *1* |
| *Tetrachloro-m-xylene (1C)* | *38* | *S1- cn* | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:26* | *1* |
| *Tetrachloro-m-xylene (2C)* | *35* | *S1-* | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:26* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **18.2** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-5-2

**Date Collected: 07/29/26 10:15**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-5

**Matrix: Solid**
**Percent Solids: 83.3**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1221 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1232 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1242 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1248 (2C) | ND | | 0.020 | 0.0063 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1254 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| **PCB-1260 (2C)** | **0.019** | **J** | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1262 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |
| PCB-1268 (2C) | ND | | 0.020 | 0.0076 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *65* | *S1- ^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:37* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *63* | *S1-* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:37* | *1* |
| *Tetrachloro-m-xylene (1C)* | *88* | *cn* | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:37* | *1* |
| *Tetrachloro-m-xylene (2C)* | *77* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:37* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **16.7** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-6-2

**Date Collected: 07/29/26 10:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-6

**Matrix: Solid**
**Percent Solids: 82.5**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1221 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1232 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1242 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1248 (2C) | ND | | 0.021 | 0.0064 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1254 (2C) | ND | | 0.021 | 0.0077 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| **PCB-1260 (2C)** | **0.022** | | 0.021 | 0.0077 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1262 (2C) | ND | | 0.021 | 0.0077 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |
| PCB-1268 (2C) | ND | | 0.021 | 0.0077 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:47 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *68* | *^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:47* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *73* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 18:47* | *1* |
| *Tetrachloro-m-xylene (1C)* | *104* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:47* | *1* |
| *Tetrachloro-m-xylene (2C)* | *103* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 18:47* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **17.5** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

**Client Sample ID: SB-7-2**
**Date Collected: 07/29/26 10:42**
**Date Received: 07/30/26 14:50**

**Lab Sample ID: 410-297812-7**
**Matrix: Solid**
**Percent Solids: 84.9**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | cn | 0.42 | 0.059 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,1,2-Trichloroethane | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,1-Dichloroethane | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,1-Dichloroethene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2,4-Trichlorobenzene | ND | cn | 0.85 | 0.42 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | cn | 0.42 | 0.085 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2-Dibromoethane | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2-Dichlorobenzene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2-Dichloroethane | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,2-Dichloropropane | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,3-Dichlorobenzene | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 1,4-Dichlorobenzene | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 2-Butanone | ND | cn | 0.85 | 0.17 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 2-Hexanone | ND | cn | 0.85 | 0.13 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 4-Methyl-2-pentanone | ND | cn | 0.85 | 0.13 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Acetone | ND | ^c cn | 1.7 | 0.51 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Benzene | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Bromoform | ND | cn | 0.85 | 0.42 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Bromomethane | ND | ^c cn | 0.42 | 0.14 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Carbon disulfide | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Carbon tetrachloride | ND | cn | 0.42 | 0.17 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Chlorobenzene | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Chlorodibromomethane | ND | cn | 0.42 | 0.17 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Chloroethane | ND | ^c cn | 0.42 | 0.13 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Chloroform | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Chloromethane | ND | cn | 0.42 | 0.076 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| cis-1,2-Dichloroethene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| cis-1,3-Dichloropropene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Cyclohexane | ND | cn | 0.42 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Dichlorobromomethane | ND | cn | 0.42 | 0.059 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Dichlorodifluoromethane | ND | ^c cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Ethylbenzene | ND | cn | 0.42 | 0.034 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Freon 113 | ND | cn | 0.85 | 0.059 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Isopropylbenzene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| **Methyl acetate** | **0.27** | **J cn** | 0.42 | 0.085 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Methyl tert-butyl ether | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Methylcyclohexane | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Methylene Chloride | ND | cn | 0.42 | 0.17 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Styrene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Tetrachloroethene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Toluene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| trans-1,2-Dichloroethene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| trans-1,3-Dichloropropene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Trichloroethene | ND | cn | 0.42 | 0.051 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Trichlorofluoromethane | ND | cn | 0.42 | 0.068 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Vinyl chloride | ND | cn | 0.42 | 0.068 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Xylenes, Total | ND | cn | 0.42 | 0.12 | mg/Kg | ☼ | 08/06/26 17:40 | 08/10/26 19:47 | 50 |

## Client Sample ID: SB-7-2
**Date Collected: 07/29/26 10:42**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-7
**Matrix: Solid**
**Percent Solids: 84.9**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 90 | cn | 31 - 145 | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| 4-Bromofluorobenzene (Surr) | 73 | cn | 33 - 147 | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Dibromofluoromethane (Surr) | 85 | cn | 34 - 144 | 08/06/26 17:40 | 08/10/26 19:47 | 50 |
| Toluene-d8 (Surr) | 74 | cn | 35 - 143 | 08/06/26 17:40 | 08/10/26 19:47 | 50 |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.010 | J | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| 2-Methylnaphthalene | 0.020 | | 0.020 | 0.0059 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Acenaphthene | ND | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Acenaphthylene | 0.010 | J | 0.020 | 0.0047 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Anthracene | 0.010 | J | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Benzo[a]anthracene | 0.014 | J | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Benzo[a]pyrene | 0.018 | J | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Benzo[b]fluoranthene | 0.020 | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Benzo[g,h,i]perylene | 0.022 | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Benzo[k]fluoranthene | ND | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Chrysene | 0.024 | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.020 | 0.0078 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Fluoranthene | 0.031 | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Fluorene | ND | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Indeno[1,2,3-cd]pyrene | 0.012 | J | 0.020 | 0.0047 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Naphthalene | 0.015 | J | 0.020 | 0.0078 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Phenanthrene | 0.016 | J | 0.020 | 0.0047 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Pyrene | 0.029 | | 0.020 | 0.0039 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:06 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 2-Fluorobiphenyl (Surr) | 78 | | 34 - 120 | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| Nitrobenzene-d5 (Surr) | 75 | | 26 - 120 | 08/11/26 16:37 | 08/12/26 12:06 | 1 |
| p-Terphenyl-d14 (Surr) | 79 | | 39 - 137 | 08/11/26 16:37 | 08/12/26 12:06 | 1 |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.20 | 0.062 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1221 (2C) | ND | | 0.20 | 0.062 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1232 (2C) | ND | | 0.20 | 0.062 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1242 (2C) | ND | | 0.20 | 0.062 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1248 (2C) | ND | | 0.20 | 0.062 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1254 (2C) | ND | | 0.20 | 0.075 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1260 (2C) | ND | | 0.20 | 0.075 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1262 (2C) | ND | | 0.20 | 0.075 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| PCB-1268 (2C) | ND | | 0.20 | 0.075 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 18:58 | 10 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| DCB Decachlorobiphenyl (Surr) (1C) | 50 | S1- ^c cn | 66 - 130 | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| DCB Decachlorobiphenyl (Surr) (2C) | 54 | S1- | 66 - 130 | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| Tetrachloro-m-xylene (1C) | 95 | cn | 68 - 130 | 08/06/26 07:42 | 08/07/26 18:58 | 10 |
| Tetrachloro-m-xylene (2C) | 71 | | 68 - 130 | 08/06/26 07:42 | 08/07/26 18:58 | 10 |

## Client Sample ID: SB-7-2

**Lab Sample ID: 410-297812-7**
**Date Collected: 07/29/26 10:42**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 84.9**

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Percent Moisture (EPA Moisture) | 15.1 | ! | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-8-1

**Lab Sample ID: 410-297812-8**
**Date Collected: 07/29/26 10:50**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 89.8**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.0053 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,1-Dichloroethane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,1-Dichloroethene | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.011 | 0.0053 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2-Dibromoethane | ND | | 0.0053 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.0053 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2-Dichloroethane | ND | | 0.0053 | 0.00064 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,2-Dichloropropane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.0053 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 2-Butanone | 0.0041 | J | 0.011 | 0.0021 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 2-Hexanone | ND | | 0.011 | 0.0027 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| 4-Methyl-2-pentanone | ND | | 0.011 | 0.0021 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Acetone | 0.030 | | 0.027 | 0.0064 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Benzene | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Bromoform | ND | | 0.011 | 0.0053 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Bromomethane | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Carbon disulfide | 0.0011 | J | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Carbon tetrachloride | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Chlorobenzene | ND | | 0.0053 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Chlorodibromomethane | ND | | 0.0053 | 0.00053 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Chloroethane | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Chloroform | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Chloromethane | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.0053 | 0.00064 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Cyclohexane | ND | | 0.0053 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Dichlorobromomethane | ND | | 0.0053 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Dichlorodifluoromethane | ND | ^c cn | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Ethylbenzene | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Freon 113 | ND | | 0.011 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Isopropylbenzene | ND | | 0.0053 | 0.0016 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Methyl acetate | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Methyl tert-butyl ether | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Methylcyclohexane | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Methylene Chloride | ND | | 0.0053 | 0.0021 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Styrene | ND | | 0.0053 | 0.00096 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Tetrachloroethene | ND | | 0.0053 | 0.0016 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Toluene | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |

**Client Sample ID: SB-8-1**
**Date Collected: 07/29/26 10:50**
**Date Received: 07/30/26 14:50**

**Lab Sample ID: 410-297812-8**
**Matrix: Solid**
**Percent Solids: 89.8**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.0053 | 0.00064 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Trichloroethene | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Trichlorofluoromethane | ND | | 0.0053 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Vinyl chloride | ND | | 0.0053 | 0.00085 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |
| Xylenes, Total | ND | | 0.011 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:55* | *1* |
| *4-Bromofluorobenzene (Surr)* | *82* | | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:55* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:55* | *1* |
| *Toluene-d8 (Surr)* | *112* | | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| 2-Methylnaphthalene | ND | | 0.018 | 0.0055 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Acenaphthene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Acenaphthylene | ND | | 0.018 | 0.0044 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Anthracene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| **Benzo[a]anthracene** | **0.0039** | **J** | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Benzo[a]pyrene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| **Benzo[b]fluoranthene** | **0.0047** | **J** | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Benzo[k]fluoranthene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| **Chrysene** | **0.0055** | **J** | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.018 | 0.0074 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| **Fluoranthene** | **0.0046** | **J** | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Fluorene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.018 | 0.0044 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Naphthalene | ND | | 0.018 | 0.0074 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Phenanthrene | ND | | 0.018 | 0.0044 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |
| Pyrene | ND | | 0.018 | 0.0037 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *82* | | *34 - 120* | *08/11/26 16:37* | *08/12/26 12:30* | *1* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *26 - 120* | *08/11/26 16:37* | *08/12/26 12:30* | *1* |
| *p-Terphenyl-d14 (Surr)* | *93* | | *39 - 137* | *08/11/26 16:37* | *08/12/26 12:30* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.019 | 0.0059 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1221 (2C) | ND | | 0.019 | 0.0059 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1232 (2C) | ND | | 0.019 | 0.0059 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1242 (2C) | ND | | 0.019 | 0.0059 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1248 (2C) | ND | | 0.019 | 0.0059 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1254 (2C) | ND | | 0.019 | 0.0071 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1260 (2C) | ND | | 0.019 | 0.0071 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1262 (2C) | ND | | 0.019 | 0.0071 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |
| PCB-1268 (2C) | ND | | 0.019 | 0.0071 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:08 | 1 |

## Client Sample ID: SB-8-1

**Lab Sample ID: 410-297812-8**
**Date Collected: 07/29/26 10:50**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 89.8**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *69* | *^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:08* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *76* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:08* | *1* |
| *Tetrachloro-m-xylene (1C)* | *99* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:08* | *1* |
| *Tetrachloro-m-xylene (2C)* | *94* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:08* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **10.2** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-9-1.75

**Lab Sample ID: 410-297812-9**
**Date Collected: 07/29/26 11:00**
**Matrix: Solid**
**Date Received: 07/30/26 14:50**
**Percent Solids: 81.0**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,1,2-Trichloroethane | ND | *3 cn | 0.0063 | 0.00088 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,1-Dichloroethane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,1-Dichloroethene | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | *3 cn | 0.013 | 0.0063 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2-Dibromoethane | ND | *3 cn | 0.0063 | 0.00088 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2-Dichlorobenzene | ND | *3 cn | 0.0063 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2-Dichloroethane | ND | *3 cn | 0.0063 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,2-Dichloropropane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,3-Dichlorobenzene | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 1,4-Dichlorobenzene | ND | *3 cn | 0.0063 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| **2-Butanone** | **0.029** | ***3 cn** | 0.013 | 0.0025 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 2-Hexanone | ND | *3 cn | 0.013 | 0.0031 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| 4-Methyl-2-pentanone | ND | *3 cn | 0.013 | 0.0025 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| **Acetone** | **0.22** | ***3 cn** | 0.031 | 0.0075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Benzene | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Bromoform | ND | *3 cn | 0.013 | 0.0063 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Bromomethane | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| **Carbon disulfide** | **0.021** | ***3 cn** | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Carbon tetrachloride | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Chlorobenzene | ND | *3 cn | 0.0063 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Chlorodibromomethane | ND | *3 cn | 0.0063 | 0.00063 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Chloroethane | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Chloroform | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Chloromethane | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| cis-1,2-Dichloroethene | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| cis-1,3-Dichloropropene | ND | *3 cn | 0.0063 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Cyclohexane | ND | *3 cn | 0.0063 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Dichlorobromomethane | ND | *3 cn | 0.0063 | 0.00088 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Dichlorodifluoromethane | ND | ^c *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Ethylbenzene | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Freon 113 | ND | *3 cn | 0.013 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Isopropylbenzene | ND | *3 cn | 0.0063 | 0.0019 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Methyl acetate | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |

## Client Sample ID: SB-9-1.75

**Date Collected: 07/29/26 11:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-9

**Matrix: Solid**
**Percent Solids: 81.0**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Methylcyclohexane | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Methylene Chloride | ND | *3 cn | 0.0063 | 0.0025 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Styrene | ND | *3 cn | 0.0063 | 0.0011 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Tetrachloroethene | ND | *3 cn | 0.0063 | 0.0019 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Toluene | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| trans-1,2-Dichloroethene | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| trans-1,3-Dichloropropene | ND | *3 cn | 0.0063 | 0.00075 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Trichloroethene | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Trichlorofluoromethane | ND | *3 cn | 0.0063 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Vinyl chloride | ND | *3 cn | 0.0063 | 0.0010 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |
| Xylenes, Total | ND | *3 cn | 0.013 | 0.0013 | mg/Kg | ☼ | 08/06/26 16:56 | 08/07/26 19:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | *3 cn | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *76* | *S1- *3 cn | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:32* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | *3 cn | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:32* | *1* |
| *Toluene-d8 (Surr)* | *108* | *3 cn | *80 - 120* | *08/06/26 16:56* | *08/07/26 19:32* | *1* |

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *107* | *3 | *80 - 120* | *08/06/26 16:56* | *08/10/26 00:55* | *1* |
| *Dibromofluoromethane (Surr)* | *95* | *3 | *80 - 120* | *08/06/26 16:56* | *08/10/26 00:55* | *1* |
| *Toluene-d8 (Surr)* | *103* | *3 | *80 - 120* | *08/06/26 16:56* | *08/10/26 00:55* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | B | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| 2-Methylnaphthalene | ND | B | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Acenaphthene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Acenaphthylene | ND | | 0.020 | 0.0049 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Anthracene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| **Benzo[a]anthracene** | **0.0067** | **J** | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Benzo[a]pyrene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Benzo[b]fluoranthene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Benzo[k]fluoranthene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| **Chrysene** | **0.0053** | **J** | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.020 | 0.0081 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Fluoranthene | ND | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| **Fluorene** | **0.55** | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.020 | 0.0049 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| Naphthalene | ND | B | 0.020 | 0.0081 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| **Phenanthrene** | **1.6** | | 0.020 | 0.0049 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |
| **Pyrene** | **0.26** | | 0.020 | 0.0041 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *60* | | *34 - 120* | *08/06/26 17:21* | *08/11/26 04:08* | *1* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *26 - 120* | *08/06/26 17:21* | *08/11/26 04:08* | *1* |
| *p-Terphenyl-d14 (Surr)* | *77* | | *39 - 137* | *08/06/26 17:21* | *08/11/26 04:08* | *1* |

## Client Sample ID: SB-9-1.75

**Date Collected: 07/29/26 11:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-9

**Matrix: Solid**
**Percent Solids: 81.0**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.021 | 0.0065 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1221 (2C) | ND | | 0.021 | 0.0065 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1232 (2C) | ND | | 0.021 | 0.0065 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1242 (2C) | ND | | 0.021 | 0.0065 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1248 (2C) | ND | | 0.021 | 0.0065 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1254 (2C) | ND | | 0.021 | 0.0079 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| **PCB-1260 (2C)** | **0.011** | **J** | 0.021 | 0.0079 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1262 (2C) | ND | | 0.021 | 0.0079 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |
| PCB-1268 (2C) | ND | | 0.021 | 0.0079 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *71* | *^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:19* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *78* | | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:19* | *1* |
| *Tetrachloro-m-xylene (1C)* | *72* | *cn* | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:19* | *1* |
| *Tetrachloro-m-xylene (2C)* | *59* | *S1-* | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:19* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **19.0** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-10-1.75

**Date Collected: 07/29/26 11:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-10

**Matrix: Solid**
**Percent Solids: 86.2**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.28 | 0.039 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | ^c cn | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,1,2-Trichloroethane | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,1-Dichloroethane | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,1-Dichloroethene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 0.56 | 0.28 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | ^c cn | 0.28 | 0.056 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2-Dibromoethane | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2-Dichlorobenzene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2-Dichloroethane | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,2-Dichloropropane | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,3-Dichlorobenzene | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 1,4-Dichlorobenzene | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 2-Butanone | ND | | 0.56 | 0.11 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 2-Hexanone | ND | | 0.56 | 0.084 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| 4-Methyl-2-pentanone | ND | | 0.56 | 0.084 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Acetone | ND | | 1.1 | 0.33 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Benzene | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Bromoform | ND | | 0.56 | 0.28 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Bromomethane | ND | | 0.28 | 0.089 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Carbon disulfide | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Carbon tetrachloride | ND | | 0.28 | 0.11 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Chlorobenzene | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Chlorodibromomethane | ND | | 0.28 | 0.11 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |

**Client Sample ID: SB-10-1.75**
**Date Collected: 07/29/26 11:25**
**Date Received: 07/30/26 14:50**

**Lab Sample ID: 410-297812-10**
**Matrix: Solid**
**Percent Solids: 86.2**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloroethane | ND | | 0.28 | 0.084 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Chloroform | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Chloromethane | ND | | 0.28 | 0.050 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| cis-1,2-Dichloroethene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| cis-1,3-Dichloropropene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Cyclohexane | ND | | 0.28 | 0.028 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Dichlorobromomethane | ND | | 0.28 | 0.039 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Dichlorodifluoromethane | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Ethylbenzene | ND | | 0.28 | 0.022 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Freon 113 | ND | | 0.56 | 0.039 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Isopropylbenzene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| **Methyl acetate** | **0.14** | **J** | 0.28 | 0.056 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Methyl tert-butyl ether | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Methylcyclohexane | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Methylene Chloride | ND | | 0.28 | 0.11 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Styrene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Tetrachloroethene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Toluene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| trans-1,2-Dichloroethene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| trans-1,3-Dichloropropene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Trichloroethene | ND | | 0.28 | 0.033 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Trichlorofluoromethane | ND | | 0.28 | 0.045 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Vinyl chloride | ND | | 0.28 | 0.045 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |
| Xylenes, Total | ND | | 0.28 | 0.078 | mg/Kg | ☼ | 08/06/26 17:40 | 08/12/26 02:30 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *72* | | *31 - 145* | *08/06/26 17:40* | *08/12/26 02:30* | *50* |
| *4-Bromofluorobenzene (Surr)* | *77* | | *33 - 147* | *08/06/26 17:40* | *08/12/26 02:30* | *50* |
| *Dibromofluoromethane (Surr)* | *67* | | *34 - 144* | *08/06/26 17:40* | *08/12/26 02:30* | *50* |
| *Toluene-d8 (Surr)* | *85* | | *35 - 143* | *08/06/26 17:40* | *08/12/26 02:30* | *50* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | cn | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| 2-Methylnaphthalene | ND | cn | 0.19 | 0.057 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| Acenaphthene | ND | cn | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Acenaphthylene** | **0.072** | **J cn** | 0.19 | 0.046 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| Anthracene | ND | cn | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Benzo[a]anthracene** | **0.21** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Benzo[a]pyrene** | **0.31** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Benzo[b]fluoranthene** | **0.38** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Benzo[g,h,i]perylene** | **0.25** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Benzo[k]fluoranthene** | **0.15** | **J cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Chrysene** | **0.23** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Dibenz(a,h)anthracene** | **0.081** | **J cn** | 0.19 | 0.076 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Fluoranthene** | **0.33** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| Fluorene | ND | cn | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Indeno[1,2,3-cd]pyrene** | **0.23** | **cn** | 0.19 | 0.046 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| Naphthalene | ND | cn | 0.19 | 0.076 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |
| **Phenanthrene** | **0.079** | **J cn** | 0.19 | 0.046 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |

## Client Sample ID: SB-10-1.75

**Date Collected: 07/29/26 11:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-10

**Matrix: Solid**
**Percent Solids: 86.2**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Pyrene** | **0.32** | **cn** | 0.19 | 0.038 | mg/Kg | ☼ | 08/11/26 16:37 | 08/12/26 12:55 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *84* | *cn* | *34 - 120* | *08/11/26 16:37* | *08/12/26 12:55* | *10* |
| *Nitrobenzene-d5 (Surr)* | *83* | *cn* | *26 - 120* | *08/11/26 16:37* | *08/12/26 12:55* | *10* |
| *p-Terphenyl-d14 (Surr)* | *85* | *cn* | *39 - 137* | *08/11/26 16:37* | *08/12/26 12:55* | *10* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1221 (2C) | ND | | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1232 (2C) | ND | | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1242 (2C) | ND | | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1248 (2C) | ND | | 0.020 | 0.0061 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1254 (2C) | ND | | 0.020 | 0.0074 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| **PCB-1260 (2C)** | **0.014** | **J** | 0.020 | 0.0074 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1262 (2C) | ND | | 0.020 | 0.0074 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |
| PCB-1268 (2C) | ND | | 0.020 | 0.0074 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *61* | *S1- ^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:29* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *64* | *S1-* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:29* | *1* |
| *Tetrachloro-m-xylene (1C)* | *81* | *cn* | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:29* | *1* |
| *Tetrachloro-m-xylene (2C)* | *79* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:29* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **13.8** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:54 | 1 |

## Client Sample ID: SB-11-1.75

**Date Collected: 07/29/26 11:35**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-11

**Matrix: Solid**
**Percent Solids: 88.7**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | H cn | 0.26 | 0.037 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,1,2-Trichloroethane | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,1-Dichloroethane | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,1-Dichloroethene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2,4-Trichlorobenzene | ND | H cn | 0.52 | 0.26 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | H cn | 0.26 | 0.052 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2-Dibromoethane | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2-Dichlorobenzene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2-Dichloroethane | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,2-Dichloropropane | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,3-Dichlorobenzene | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 1,4-Dichlorobenzene | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 2-Butanone | ND | H cn | 0.52 | 0.10 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 2-Hexanone | ND | H cn | 0.52 | 0.079 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| 4-Methyl-2-pentanone | ND | H cn | 0.52 | 0.079 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

**Client Sample ID: SB-11-1.75**
**Date Collected: 07/29/26 11:35**
**Date Received: 07/30/26 14:50**

**Lab Sample ID: 410-297812-11**
**Matrix: Solid**
**Percent Solids: 88.7**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | H ^c cn | 1.0 | 0.31 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Benzene | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Bromoform | ND | H cn | 0.52 | 0.26 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Bromomethane | ND | H ^c cn | 0.26 | 0.084 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Carbon disulfide | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Carbon tetrachloride | ND | H cn | 0.26 | 0.10 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Chlorobenzene | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Chlorodibromomethane | ND | H cn | 0.26 | 0.10 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Chloroethane | ND | H ^c cn | 0.26 | 0.079 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Chloroform | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Chloromethane | ND | H cn | 0.26 | 0.047 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| cis-1,2-Dichloroethene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| cis-1,3-Dichloropropene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Cyclohexane | ND | H cn | 0.26 | 0.026 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Dichlorobromomethane | ND | H cn | 0.26 | 0.037 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Dichlorodifluoromethane | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Ethylbenzene | ND | H cn | 0.26 | 0.021 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Freon 113 | ND | H cn | 0.52 | 0.037 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Isopropylbenzene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Methyl acetate | ND | H cn | 0.26 | 0.052 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Methyl tert-butyl ether | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Methylcyclohexane | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Methylene Chloride | ND | H cn | 0.26 | 0.10 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Styrene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Tetrachloroethene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Toluene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| trans-1,2-Dichloroethene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| trans-1,3-Dichloropropene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Trichloroethene | ND | H cn | 0.26 | 0.031 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Trichlorofluoromethane | ND | H cn | 0.26 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Vinyl chloride | ND | H cn | 0.26 | 0.042 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |
| Xylenes, Total | ND | H cn | 0.26 | 0.073 | mg/Kg | ☼ | 08/06/26 17:40 | 08/13/26 13:25 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *81* | *cn* | *31 - 145* | *08/06/26 17:40* | *08/13/26 13:25* | *50* |
| *4-Bromofluorobenzene (Surr)* | *78* | *cn* | *33 - 147* | *08/06/26 17:40* | *08/13/26 13:25* | *50* |
| *Dibromofluoromethane (Surr)* | *80* | *^c cn* | *34 - 144* | *08/06/26 17:40* | *08/13/26 13:25* | *50* |
| *Toluene-d8 (Surr)* | *76* | *cn* | *35 - 143* | *08/06/26 17:40* | *08/13/26 13:25* | *50* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | B cn | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| 2-Methylnaphthalene | ND | B cn | 0.19 | 0.056 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| Acenaphthene | ND | cn | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Acenaphthylene** | **0.80** | **cn** | 0.19 | 0.045 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Anthracene** | **0.26** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Benzo[a]anthracene** | **2.1** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Benzo[a]pyrene** | **3.3** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Benzo[b]fluoranthene** | **4.6** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Benzo[g,h,i]perylene** | **2.3** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |

## Client Sample ID: SB-11-1.75

**Date Collected: 07/29/26 11:35**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-11

**Matrix: Solid**
**Percent Solids: 88.7**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Benzo[k]fluoranthene** | **1.5** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Chrysene** | **2.1** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Dibenz(a,h)anthracene** | **0.64** | **cn** | 0.19 | 0.075 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Fluoranthene** | **3.0** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Fluorene** | **0.039** | **J cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Indeno[1,2,3-cd]pyrene** | **2.1** | **cn** | 0.19 | 0.045 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| Naphthalene | ND | B cn | 0.19 | 0.075 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Phenanthrene** | **0.34** | **cn** | 0.19 | 0.045 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |
| **Pyrene** | **3.3** | **cn** | 0.19 | 0.037 | mg/Kg | ☼ | 08/06/26 17:21 | 08/11/26 04:59 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *68* | *cn* | *34 - 120* | *08/06/26 17:21* | *08/11/26 04:59* | *10* |
| *Nitrobenzene-d5 (Surr)* | *70* | *cn* | *26 - 120* | *08/06/26 17:21* | *08/11/26 04:59* | *10* |
| *p-Terphenyl-d14 (Surr)* | *60* | *cn* | *39 - 137* | *08/06/26 17:21* | *08/11/26 04:59* | *10* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.019 | 0.0060 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1221 (2C) | ND | | 0.019 | 0.0060 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1232 (2C) | ND | | 0.019 | 0.0060 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1242 (2C) | ND | | 0.019 | 0.0060 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1248 (2C) | ND | | 0.019 | 0.0060 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1254 (2C) | ND | | 0.019 | 0.0072 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| **PCB-1260 (2C)** | **0.019** | | 0.019 | 0.0072 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1262 (2C) | ND | | 0.019 | 0.0072 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |
| PCB-1268 (2C) | ND | | 0.019 | 0.0072 | mg/Kg | ☼ | 08/06/26 07:42 | 08/07/26 19:40 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *56* | *S1- ^c cn* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:40* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *58* | *S1-* | *66 - 130* | *08/06/26 07:42* | *08/07/26 19:40* | *1* |
| *Tetrachloro-m-xylene (1C)* | *68* | *cn* | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:40* | *1* |
| *Tetrachloro-m-xylene (2C)* | *68* | | *68 - 130* | *08/06/26 07:42* | *08/07/26 19:40* | *1* |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Percent Moisture (EPA Moisture)** | **11.3** | **!** | 1.0 | 1.0 | % | | | 08/01/26 07:56 | 1 |

# Surrogate Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (31-145) | (33-147) | (34-144) | (35-143) |
| 410-297812-7 | SB-7-2 | 90 cn | 73 cn | 85 cn | 74 cn |
| 410-297812-10 | SB-10-1.75 | 72 | 77 | 67 | 85 |
| 410-297812-11 | SB-11-1.75 | 81 cn | 78 cn | 80 ^c cn | 76 cn |
| LCS 410-865595/4 | Lab Control Sample | 95 | 92 | 86 | 87 |
| LCS 410-866777/7 | Lab Control Sample | 82 | 91 | 79 | 93 |
| LCS 410-867759/4 | Lab Control Sample | 100 | 103 | 94 | 99 |
| LCSD 410-865595/5 | Lab Control Sample Dup | 92 | 90 | 87 | 85 |
| LCSD 410-866777/8 | Lab Control Sample Dup | 80 | 88 | 78 | 90 |
| LCSD 410-867759/5 | Lab Control Sample Dup | 97 | 102 | 93 | 101 |
| MB 410-865595/7 | Method Blank | 94 | 90 | 90 | 85 |
| MB 410-866777/6 | Method Blank | 83 | 89 | 79 | 92 |
| MB 410-867759/7 | Method Blank | 82 | 82 | 78 | 76 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-120) | (80-120) | (80-120) | (80-120) |
| 410-297812-8 | SB-8-1 | 105 | 82 | 99 | 112 |
| 410-297812-9 | SB-9-1.75 | 100 *3 cn | 76 S1- *3 cn | 96 *3 cn | 108 *3 cn |
| LCS 410-864640/5 | Lab Control Sample | 97 | 97 | 97 | 103 |
| LCS 410-865374/5 | Lab Control Sample | 100 | 97 | 98 | 103 |
| LCSD 410-864640/6 | Lab Control Sample Dup | 98 | 97 | 98 | 103 |
| LCSD 410-865374/6 | Lab Control Sample Dup | 101 | 96 | 98 | 101 |
| MB 410-864640/8 | Method Blank | 100 | 94 | 97 | 102 |
| MB 410-865374/10 | Method Blank | 103 | 92 | 99 | 100 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | DCA | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-120) | (80-120) | (80-120) |
| 410-297812-9 - RA | SB-9-1.75 | 107 *3 | 95 *3 | 103 *3 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)
DBFM = Dibromofluoromethane (Surr)

# Surrogate Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | FBP | NBZ | TPHd14 |
| Lab Sample ID | Client Sample ID | (34-120) | (26-120) | (39-137) |
| 410-297812-7 | SB-7-2 | 78 | 75 | 79 |
| 410-297812-8 | SB-8-1 | 82 | 71 | 93 |
| 410-297812-9 | SB-9-1.75 | 60 | 72 | 77 |
| 410-297812-10 | SB-10-1.75 | 84 cn | 83 cn | 85 cn |
| 410-297812-11 | SB-11-1.75 | 68 cn | 70 cn | 60 cn |
| LCS 410-864351/2-A | Lab Control Sample | 86 | 76 | 96 |
| LCS 410-866650/2-A | Lab Control Sample | 85 | 78 | 99 |
| MB 410-864351/1-A | Method Blank | 75 | 71 | 105 |
| MB 410-866650/1-A | Method Blank | 83 | 71 | 101 |

**Surrogate Legend**

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCB1 | DCB2 | TCX1 | TCX2 |
| Lab Sample ID | Client Sample ID | (66-130) | (66-130) | (68-130) | (68-130) |
| 410-297812-1 | SB-1-2 | 79 ^c cn | 91 | 103 | 98 |
| 410-297812-2 | SB-2-1.75 | 83 | | | 93 |
| 410-297812-2 MS | SB-2-1.75 | 78 | | | 91 |
| 410-297812-2 MSD | SB-2-1.75 | 87 | | | 102 |
| 410-297812-3 | SB-3-2 | 75 ^c cn | 70 | 80 | 77 |
| 410-297812-4 | SB-4-1.75 | 36 S1- ^c cn | 33 S1- | 38 S1- cn | 35 S1- |
| 410-297812-5 | SB-5-2 | 65 S1- ^c cn | 63 S1- | 88 cn | 77 |
| 410-297812-6 | SB-6-2 | 68 ^c cn | 73 | 104 | 103 |
| 410-297812-7 | SB-7-2 | 50 S1- ^c cn | 54 S1- | 95 cn | 71 |
| 410-297812-8 | SB-8-1 | 69 ^c cn | 76 | 99 | 94 |
| 410-297812-9 | SB-9-1.75 | 71 ^c cn | 78 | 72 cn | 59 S1- |
| 410-297812-10 | SB-10-1.75 | 61 S1- ^c cn | 64 S1- | 81 cn | 79 |
| 410-297812-11 | SB-11-1.75 | 56 S1- ^c cn | 58 S1- | 68 cn | 68 |
| LCS 410-863885/2-A | Lab Control Sample | 100 | 104 | 111 | 105 |
| MB 410-863885/1-A | Method Blank | 102 | 101 | 119 | 112 |

**Surrogate Legend**

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 410-864640/8**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,1-Dichloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.010 | 0.0050 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2-Dibromoethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,2-Dichloropropane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 2-Butanone | ND | | 0.010 | 0.0020 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 2-Hexanone | ND | | 0.010 | 0.0025 | mg/Kg | | | 08/07/26 17:07 | 1 |
| 4-Methyl-2-pentanone | ND | | 0.010 | 0.0020 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Acetone | ND | | 0.025 | 0.0060 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Benzene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Bromoform | ND | | 0.010 | 0.0050 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Bromomethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Carbon disulfide | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Carbon tetrachloride | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Chlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Chlorodibromomethane | ND | | 0.0050 | 0.00050 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Chloroethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Chloroform | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Chloromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Cyclohexane | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Dichlorobromomethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Dichlorodifluoromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Ethylbenzene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Freon 113 | ND | | 0.010 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Isopropylbenzene | ND | | 0.0050 | 0.0015 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Methyl acetate | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Methyl tert-butyl ether | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Methylcyclohexane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Methylene Chloride | ND | | 0.0050 | 0.0020 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Styrene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Tetrachloroethene | ND | | 0.0050 | 0.0015 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Toluene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Trichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Trichlorofluoromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Vinyl chloride | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/07/26 17:07 | 1 |
| Xylenes, Total | ND | | 0.010 | 0.0010 | mg/Kg | | | 08/07/26 17:07 | 1 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-864640/8**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 80 - 120 | | 08/07/26 17:07 | 1 |
| 4-Bromofluorobenzene (Surr) | 94 | | 80 - 120 | | 08/07/26 17:07 | 1 |
| Dibromofluoromethane (Surr) | 97 | | 80 - 120 | | 08/07/26 17:07 | 1 |
| Toluene-d8 (Surr) | 102 | | 80 - 120 | | 08/07/26 17:07 | 1 |

**Lab Sample ID: LCS 410-864640/5**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0194 | | mg/Kg | | 97 | 69 - 123 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0190 | | mg/Kg | | 95 | 69 - 125 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 76 - 120 |
| 1,1-Dichloroethane | 0.0200 | 0.0196 | | mg/Kg | | 98 | 76 - 120 |
| 1,1-Dichloroethene | 0.0200 | 0.0227 | | mg/Kg | | 114 | 73 - 129 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0202 | | mg/Kg | | 101 | 69 - 124 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0162 | | mg/Kg | | 81 | 61 - 120 |
| 1,2-Dibromoethane | 0.0200 | 0.0184 | | mg/Kg | | 92 | 76 - 120 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0204 | | mg/Kg | | 102 | 74 - 120 |
| 1,2-Dichloroethane | 0.0200 | 0.0184 | | mg/Kg | | 92 | 72 - 124 |
| 1,2-Dichloropropane | 0.0200 | 0.0187 | | mg/Kg | | 93 | 70 - 124 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 75 - 120 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0201 | | mg/Kg | | 101 | 76 - 122 |
| 2-Butanone | 0.250 | 0.227 | | mg/Kg | | 91 | 62 - 132 |
| 2-Hexanone | 0.250 | 0.212 | | mg/Kg | | 85 | 64 - 140 |
| 4-Methyl-2-pentanone | 0.250 | 0.205 | | mg/Kg | | 82 | 67 - 138 |
| Acetone | 0.250 | 0.233 | | mg/Kg | | 93 | 52 - 142 |
| Benzene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 |
| Bromoform | 0.0200 | 0.0173 | | mg/Kg | | 87 | 66 - 127 |
| Bromomethane | 0.0200 | 0.0203 | | mg/Kg | | 102 | 60 - 126 |
| Carbon disulfide | 0.0200 | 0.0193 | | mg/Kg | | 97 | 56 - 125 |
| Carbon tetrachloride | 0.0200 | 0.0193 | | mg/Kg | | 96 | 70 - 120 |
| Chlorobenzene | 0.0200 | 0.0202 | | mg/Kg | | 101 | 74 - 120 |
| Chlorodibromomethane | 0.0200 | 0.0181 | | mg/Kg | | 90 | 77 - 125 |
| Chloroethane | 0.0200 | 0.0220 | | mg/Kg | | 110 | 55 - 127 |
| Chloroform | 0.0200 | 0.0181 | | mg/Kg | | 90 | 73 - 120 |
| Chloromethane | 0.0200 | 0.0183 | | mg/Kg | | 92 | 50 - 120 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 80 - 125 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0171 | | mg/Kg | | 86 | 73 - 120 |
| Cyclohexane | 0.0200 | 0.0202 | | mg/Kg | | 101 | 58 - 120 |
| Dichlorobromomethane | 0.0200 | 0.0182 | | mg/Kg | | 91 | 77 - 120 |
| Dichlorodifluoromethane | 0.0200 | 0.0223 | | mg/Kg | | 111 | 44 - 120 |
| Ethylbenzene | 0.0200 | 0.0203 | | mg/Kg | | 102 | 72 - 118 |
| Freon 113 | 0.0200 | 0.0185 | | mg/Kg | | 93 | 53 - 126 |
| Isopropylbenzene | 0.0200 | 0.0204 | | mg/Kg | | 102 | 77 - 134 |
| Methyl acetate | 0.0200 | 0.0215 | | mg/Kg | | 107 | 59 - 137 |
| Methyl tert-butyl ether | 0.0200 | 0.0174 | | mg/Kg | | 87 | 63 - 120 |
| Methylcyclohexane | 0.0200 | 0.0203 | | mg/Kg | | 102 | 61 - 124 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-864640/5**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Methylene Chloride | 0.0200 | 0.0205 | | mg/Kg | | 103 | 76 - 122 |
| Styrene | 0.0200 | 0.0189 | | mg/Kg | | 94 | 76 - 120 |
| Tetrachloroethene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 73 - 120 |
| Toluene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 71 - 120 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0201 | | mg/Kg | | 101 | 71 - 126 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0181 | | mg/Kg | | 90 | 76 - 122 |
| Trichloroethene | 0.0200 | 0.0190 | | mg/Kg | | 95 | 72 - 120 |
| Trichlorofluoromethane | 0.0200 | 0.0185 | | mg/Kg | | 93 | 58 - 120 |
| Vinyl chloride | 0.0200 | 0.0188 | | mg/Kg | | 94 | 52 - 120 |
| Xylenes, Total | 0.0600 | 0.0598 | | mg/Kg | | 100 | 75 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *97* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* |

**Lab Sample ID: LCSD 410-864640/6**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 69 - 123 | 1 | 30 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0197 | | mg/Kg | | 98 | 69 - 125 | 3 | 30 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0195 | | mg/Kg | | 98 | 76 - 120 | 2 | 30 |
| 1,1-Dichloroethane | 0.0200 | 0.0197 | | mg/Kg | | 99 | 76 - 120 | 1 | 30 |
| 1,1-Dichloroethene | 0.0200 | 0.0223 | | mg/Kg | | 112 | 73 - 129 | 2 | 30 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0197 | | mg/Kg | | 98 | 69 - 124 | 3 | 30 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0166 | | mg/Kg | | 83 | 61 - 120 | 2 | 30 |
| 1,2-Dibromoethane | 0.0200 | 0.0185 | | mg/Kg | | 92 | 76 - 120 | 0 | 30 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0203 | | mg/Kg | | 102 | 74 - 120 | 0 | 30 |
| 1,2-Dichloroethane | 0.0200 | 0.0180 | | mg/Kg | | 90 | 72 - 124 | 2 | 30 |
| 1,2-Dichloropropane | 0.0200 | 0.0189 | | mg/Kg | | 95 | 70 - 124 | 1 | 30 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0201 | | mg/Kg | | 101 | 75 - 120 | 0 | 30 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 76 - 122 | 2 | 30 |
| 2-Butanone | 0.250 | 0.230 | | mg/Kg | | 92 | 62 - 132 | 1 | 30 |
| 2-Hexanone | 0.250 | 0.227 | | mg/Kg | | 91 | 64 - 140 | 7 | 30 |
| 4-Methyl-2-pentanone | 0.250 | 0.217 | | mg/Kg | | 87 | 67 - 138 | 6 | 30 |
| Acetone | 0.250 | 0.229 | | mg/Kg | | 92 | 52 - 142 | 2 | 30 |
| Benzene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | 0 | 30 |
| Bromoform | 0.0200 | 0.0177 | | mg/Kg | | 88 | 66 - 127 | 2 | 30 |
| Bromomethane | 0.0200 | 0.0203 | | mg/Kg | | 102 | 60 - 126 | 0 | 30 |
| Carbon disulfide | 0.0200 | 0.0190 | | mg/Kg | | 95 | 56 - 125 | 2 | 30 |
| Carbon tetrachloride | 0.0200 | 0.0190 | | mg/Kg | | 95 | 70 - 120 | 2 | 30 |
| Chlorobenzene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 74 - 120 | 1 | 30 |
| Chlorodibromomethane | 0.0200 | 0.0183 | | mg/Kg | | 91 | 77 - 125 | 1 | 30 |
| Chloroethane | 0.0200 | 0.0218 | | mg/Kg | | 109 | 55 - 127 | 1 | 30 |
| Chloroform | 0.0200 | 0.0182 | | mg/Kg | | 91 | 73 - 120 | 0 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-864640/6**
**Matrix: Solid**
**Analysis Batch: 864640**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | | 0.0200 | 0.0178 | | mg/Kg | | 89 | 50 - 120 | 3 | 30 |
| cis-1,2-Dichloroethene | | | 0.0200 | 0.0197 | | mg/Kg | | 98 | 80 - 125 | 1 | 30 |
| cis-1,3-Dichloropropene | | | 0.0200 | 0.0173 | | mg/Kg | | 86 | 73 - 120 | 1 | 30 |
| Cyclohexane | | | 0.0200 | 0.0200 | | mg/Kg | | 100 | 58 - 120 | 1 | 30 |
| Dichlorobromomethane | | | 0.0200 | 0.0182 | | mg/Kg | | 91 | 77 - 120 | 0 | 30 |
| Dichlorodifluoromethane | | | 0.0200 | 0.0215 | | mg/Kg | | 108 | 44 - 120 | 3 | 30 |
| Ethylbenzene | | | 0.0200 | 0.0202 | | mg/Kg | | 101 | 72 - 118 | 1 | 30 |
| Freon 113 | | | 0.0200 | 0.0185 | | mg/Kg | | 92 | 53 - 126 | 0 | 30 |
| Isopropylbenzene | | | 0.0200 | 0.0201 | | mg/Kg | | 101 | 77 - 134 | 1 | 30 |
| Methyl acetate | | | 0.0200 | 0.0221 | | mg/Kg | | 110 | 59 - 137 | 3 | 30 |
| Methyl tert-butyl ether | | | 0.0200 | 0.0179 | | mg/Kg | | 90 | 63 - 120 | 3 | 30 |
| Methylcyclohexane | | | 0.0200 | 0.0199 | | mg/Kg | | 99 | 61 - 124 | 2 | 30 |
| Methylene Chloride | | | 0.0200 | 0.0208 | | mg/Kg | | 104 | 76 - 122 | 1 | 30 |
| Styrene | | | 0.0200 | 0.0185 | | mg/Kg | | 93 | 76 - 120 | 2 | 30 |
| Tetrachloroethene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 73 - 120 | 2 | 30 |
| Toluene | | | 0.0200 | 0.0197 | | mg/Kg | | 98 | 71 - 120 | 2 | 30 |
| trans-1,2-Dichloroethene | | | 0.0200 | 0.0199 | | mg/Kg | | 99 | 71 - 126 | 1 | 30 |
| trans-1,3-Dichloropropene | | | 0.0200 | 0.0183 | | mg/Kg | | 92 | 76 - 122 | 1 | 30 |
| Trichloroethene | | | 0.0200 | 0.0189 | | mg/Kg | | 94 | 72 - 120 | 0 | 30 |
| Trichlorofluoromethane | | | 0.0200 | 0.0179 | | mg/Kg | | 89 | 58 - 120 | 4 | 30 |
| Vinyl chloride | | | 0.0200 | 0.0186 | | mg/Kg | | 93 | 52 - 120 | 1 | 30 |
| Xylenes, Total | | | 0.0600 | 0.0591 | | mg/Kg | | 99 | 75 - 120 | 1 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* |

**Lab Sample ID: MB 410-865374/10**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,1-Dichloroethane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,1-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.010 | 0.0050 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2-Dibromoethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2-Dichloroethane | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,2-Dichloropropane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 2-Butanone | ND | | 0.010 | 0.0020 | mg/Kg | | | 08/09/26 20:45 | 1 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-865374/10**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | | 0.010 | 0.0025 | mg/Kg | | | 08/09/26 20:45 | 1 |
| 4-Methyl-2-pentanone | ND | | 0.010 | 0.0020 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Acetone | ND | | 0.025 | 0.0060 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Benzene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Bromoform | ND | | 0.010 | 0.0050 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Bromomethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Carbon disulfide | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Carbon tetrachloride | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Chlorobenzene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Chlorodibromomethane | ND | | 0.0050 | 0.00050 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Chloroethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Chloroform | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Chloromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Cyclohexane | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Dichlorobromomethane | ND | | 0.0050 | 0.00070 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Dichlorodifluoromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Ethylbenzene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Freon 113 | ND | | 0.010 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Isopropylbenzene | ND | | 0.0050 | 0.0015 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Methyl acetate | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Methyl tert-butyl ether | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Methylcyclohexane | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Methylene Chloride | ND | | 0.0050 | 0.0020 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Styrene | ND | | 0.0050 | 0.00090 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Tetrachloroethene | ND | | 0.0050 | 0.0015 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Toluene | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 0.0050 | 0.00060 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Trichloroethene | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Trichlorofluoromethane | ND | | 0.0050 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Vinyl chloride | ND | | 0.0050 | 0.00080 | mg/Kg | | | 08/09/26 20:45 | 1 |
| Xylenes, Total | ND | | 0.010 | 0.0010 | mg/Kg | | | 08/09/26 20:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *80 - 120* | | *08/09/26 20:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *80 - 120* | | *08/09/26 20:45* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *80 - 120* | | *08/09/26 20:45* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *08/09/26 20:45* | *1* |

**Lab Sample ID: LCS 410-865374/5**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 0.0200 | 0.0195 | | mg/Kg | | 97 | 69 - 123 | | |
| 1,1,2,2-Tetrachloroethane | | | 0.0200 | 0.0191 | | mg/Kg | | 96 | 69 - 125 | | |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-865374/5**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | 0.0200 | 0.0196 | | mg/Kg | | 98 | 76 - 120 |
| 1,1-Dichloroethane | 0.0200 | 0.0199 | | mg/Kg | | 100 | 76 - 120 |
| 1,1-Dichloroethene | 0.0200 | 0.0214 | | mg/Kg | | 107 | 73 - 129 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0209 | | mg/Kg | | 105 | 69 - 124 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0159 | | mg/Kg | | 79 | 61 - 120 |
| 1,2-Dibromoethane | 0.0200 | 0.0188 | | mg/Kg | | 94 | 76 - 120 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 74 - 120 |
| 1,2-Dichloroethane | 0.0200 | 0.0180 | | mg/Kg | | 90 | 72 - 124 |
| 1,2-Dichloropropane | 0.0200 | 0.0189 | | mg/Kg | | 94 | 70 - 124 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0205 | | mg/Kg | | 102 | 75 - 120 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 76 - 122 |
| 2-Butanone | 0.250 | 0.212 | | mg/Kg | | 85 | 62 - 132 |
| 2-Hexanone | 0.250 | 0.228 | | mg/Kg | | 91 | 64 - 140 |
| 4-Methyl-2-pentanone | 0.250 | 0.226 | | mg/Kg | | 90 | 67 - 138 |
| Acetone | 0.250 | 0.209 | | mg/Kg | | 84 | 52 - 142 |
| Benzene | 0.0200 | 0.0197 | | mg/Kg | | 99 | 80 - 120 |
| Bromoform | 0.0200 | 0.0177 | | mg/Kg | | 89 | 66 - 127 |
| Bromomethane | 0.0200 | 0.0195 | | mg/Kg | | 97 | 60 - 126 |
| Carbon disulfide | 0.0200 | 0.0177 | | mg/Kg | | 89 | 56 - 125 |
| Carbon tetrachloride | 0.0200 | 0.0192 | | mg/Kg | | 96 | 70 - 120 |
| Chlorobenzene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 74 - 120 |
| Chlorodibromomethane | 0.0200 | 0.0186 | | mg/Kg | | 93 | 77 - 125 |
| Chloroethane | 0.0200 | 0.0212 | | mg/Kg | | 106 | 55 - 127 |
| Chloroform | 0.0200 | 0.0183 | | mg/Kg | | 92 | 73 - 120 |
| Chloromethane | 0.0200 | 0.0176 | | mg/Kg | | 88 | 50 - 120 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0201 | | mg/Kg | | 100 | 80 - 125 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0175 | | mg/Kg | | 88 | 73 - 120 |
| Cyclohexane | 0.0200 | 0.0191 | | mg/Kg | | 96 | 58 - 120 |
| Dichlorobromomethane | 0.0200 | 0.0185 | | mg/Kg | | 92 | 77 - 120 |
| Dichlorodifluoromethane | 0.0200 | 0.0191 | | mg/Kg | | 96 | 44 - 120 |
| Ethylbenzene | 0.0200 | 0.0205 | | mg/Kg | | 102 | 72 - 118 |
| Freon 113 | 0.0200 | 0.0177 | | mg/Kg | | 89 | 53 - 126 |
| Isopropylbenzene | 0.0200 | 0.0207 | | mg/Kg | | 104 | 77 - 134 |
| Methyl acetate | 0.0200 | 0.0209 | | mg/Kg | | 104 | 59 - 137 |
| Methyl tert-butyl ether | 0.0200 | 0.0178 | | mg/Kg | | 89 | 63 - 120 |
| Methylcyclohexane | 0.0200 | 0.0195 | | mg/Kg | | 97 | 61 - 124 |
| Methylene Chloride | 0.0200 | 0.0203 | | mg/Kg | | 102 | 76 - 122 |
| Styrene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 76 - 120 |
| Tetrachloroethene | 0.0200 | 0.0202 | | mg/Kg | | 101 | 73 - 120 |
| Toluene | 0.0200 | 0.0199 | | mg/Kg | | 99 | 71 - 120 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 71 - 126 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0184 | | mg/Kg | | 92 | 76 - 122 |
| Trichloroethene | 0.0200 | 0.0195 | | mg/Kg | | 98 | 72 - 120 |
| Trichlorofluoromethane | 0.0200 | 0.0175 | | mg/Kg | | 87 | 58 - 120 |
| Vinyl chloride | 0.0200 | 0.0179 | | mg/Kg | | 89 | 52 - 120 |
| Xylenes, Total | 0.0600 | 0.0608 | | mg/Kg | | 101 | 75 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-865374/5**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* |

**Lab Sample ID: LCSD 410-865374/6**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 0.0200 | 0.0188 | | mg/Kg | | 94 | 69 - 123 | 4 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 0.0200 | 0.0189 | | mg/Kg | | 95 | 69 - 125 | 1 | 30 |
| 1,1,2-Trichloroethane | | | 0.0200 | 0.0185 | | mg/Kg | | 93 | 76 - 120 | 6 | 30 |
| 1,1-Dichloroethane | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 76 - 120 | 5 | 30 |
| 1,1-Dichloroethene | | | 0.0200 | 0.0209 | | mg/Kg | | 105 | 73 - 129 | 2 | 30 |
| 1,2,4-Trichlorobenzene | | | 0.0200 | 0.0197 | | mg/Kg | | 99 | 69 - 124 | 6 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 0.0200 | 0.0161 | | mg/Kg | | 80 | 61 - 120 | 1 | 30 |
| 1,2-Dibromoethane | | | 0.0200 | 0.0180 | | mg/Kg | | 90 | 76 - 120 | 4 | 30 |
| 1,2-Dichlorobenzene | | | 0.0200 | 0.0198 | | mg/Kg | | 99 | 74 - 120 | 4 | 30 |
| 1,2-Dichloroethane | | | 0.0200 | 0.0180 | | mg/Kg | | 90 | 72 - 124 | 0 | 30 |
| 1,2-Dichloropropane | | | 0.0200 | 0.0183 | | mg/Kg | | 92 | 70 - 124 | 3 | 30 |
| 1,3-Dichlorobenzene | | | 0.0200 | 0.0193 | | mg/Kg | | 97 | 75 - 120 | 6 | 30 |
| 1,4-Dichlorobenzene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 76 - 122 | 6 | 30 |
| 2-Butanone | | | 0.250 | 0.218 | | mg/Kg | | 87 | 62 - 132 | 3 | 30 |
| 2-Hexanone | | | 0.250 | 0.221 | | mg/Kg | | 88 | 64 - 140 | 3 | 30 |
| 4-Methyl-2-pentanone | | | 0.250 | 0.219 | | mg/Kg | | 88 | 67 - 138 | 3 | 30 |
| Acetone | | | 0.250 | 0.226 | | mg/Kg | | 91 | 52 - 142 | 8 | 30 |
| Benzene | | | 0.0200 | 0.0189 | | mg/Kg | | 95 | 80 - 120 | 4 | 30 |
| Bromoform | | | 0.0200 | 0.0170 | | mg/Kg | | 85 | 66 - 127 | 4 | 30 |
| Bromomethane | | | 0.0200 | 0.0193 | | mg/Kg | | 97 | 60 - 126 | 1 | 30 |
| Carbon disulfide | | | 0.0200 | 0.0176 | | mg/Kg | | 88 | 56 - 125 | 1 | 30 |
| Carbon tetrachloride | | | 0.0200 | 0.0189 | | mg/Kg | | 94 | 70 - 120 | 2 | 30 |
| Chlorobenzene | | | 0.0200 | 0.0193 | | mg/Kg | | 97 | 74 - 120 | 6 | 30 |
| Chlorodibromomethane | | | 0.0200 | 0.0174 | | mg/Kg | | 87 | 77 - 125 | 6 | 30 |
| Chloroethane | | | 0.0200 | 0.0206 | | mg/Kg | | 103 | 55 - 127 | 3 | 30 |
| Chloroform | | | 0.0200 | 0.0177 | | mg/Kg | | 89 | 73 - 120 | 4 | 30 |
| Chloromethane | | | 0.0200 | 0.0169 | | mg/Kg | | 84 | 50 - 120 | 4 | 30 |
| cis-1,2-Dichloroethene | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 125 | 2 | 30 |
| cis-1,3-Dichloropropene | | | 0.0200 | 0.0167 | | mg/Kg | | 84 | 73 - 120 | 5 | 30 |
| Cyclohexane | | | 0.0200 | 0.0189 | | mg/Kg | | 95 | 58 - 120 | 1 | 30 |
| Dichlorobromomethane | | | 0.0200 | 0.0176 | | mg/Kg | | 88 | 77 - 120 | 5 | 30 |
| Dichlorodifluoromethane | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 44 - 120 | 1 | 30 |
| Ethylbenzene | | | 0.0200 | 0.0195 | | mg/Kg | | 98 | 72 - 118 | 5 | 30 |
| Freon 113 | | | 0.0200 | 0.0175 | | mg/Kg | | 88 | 53 - 126 | 1 | 30 |
| Isopropylbenzene | | | 0.0200 | 0.0195 | | mg/Kg | | 98 | 77 - 134 | 6 | 30 |
| Methyl acetate | | | 0.0200 | 0.0209 | | mg/Kg | | 105 | 59 - 137 | 0 | 30 |
| Methyl tert-butyl ether | | | 0.0200 | 0.0171 | | mg/Kg | | 85 | 63 - 120 | 4 | 30 |
| Methylcyclohexane | | | 0.0200 | 0.0191 | | mg/Kg | | 96 | 61 - 124 | 2 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-865374/6**
**Matrix: Solid**
**Analysis Batch: 865374**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methylene Chloride | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 76 - 122 | 4 | 30 |
| Styrene | | | 0.0200 | 0.0185 | | mg/Kg | | 92 | 76 - 120 | 7 | 30 |
| Tetrachloroethene | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 73 - 120 | 6 | 30 |
| Toluene | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 71 - 120 | 5 | 30 |
| trans-1,2-Dichloroethene | | | 0.0200 | 0.0197 | | mg/Kg | | 99 | 71 - 126 | 0 | 30 |
| trans-1,3-Dichloropropene | | | 0.0200 | 0.0168 | | mg/Kg | | 84 | 76 - 122 | 9 | 30 |
| Trichloroethene | | | 0.0200 | 0.0186 | | mg/Kg | | 93 | 72 - 120 | 5 | 30 |
| Trichlorofluoromethane | | | 0.0200 | 0.0173 | | mg/Kg | | 87 | 58 - 120 | 1 | 30 |
| Vinyl chloride | | | 0.0200 | 0.0175 | | mg/Kg | | 87 | 52 - 120 | 2 | 30 |
| Xylenes, Total | | | 0.0600 | 0.0573 | | mg/Kg | | 96 | 75 - 120 | 6 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *101* | | *80 - 120* |

**Lab Sample ID: MB 410-865595/7**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,1,2-Trichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,1-Dichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,1-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 0.50 | 0.25 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.25 | 0.050 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2-Dibromoethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2-Dichlorobenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2-Dichloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,2-Dichloropropane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,3-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 1,4-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 2-Butanone | ND | | 0.50 | 0.10 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 2-Hexanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/10/26 11:53 | 50 |
| 4-Methyl-2-pentanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Acetone | ND | | 1.0 | 0.30 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Benzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Bromoform | ND | | 0.50 | 0.25 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Bromomethane | ND | | 0.25 | 0.080 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Carbon disulfide | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Carbon tetrachloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Chlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Chlorodibromomethane | ND | | 0.25 | 0.10 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Chloroethane | ND | | 0.25 | 0.075 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Chloroform | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-865595/7**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ND | | 0.25 | 0.045 | mg/Kg | | | 08/10/26 11:53 | 50 |
| cis-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| cis-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Cyclohexane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Dichlorobromomethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Dichlorodifluoromethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Ethylbenzene | ND | | 0.25 | 0.020 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Freon 113 | ND | | 0.50 | 0.035 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Isopropylbenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Methyl acetate | ND | | 0.25 | 0.050 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Methyl tert-butyl ether | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Methylcyclohexane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Methylene Chloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Styrene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Tetrachloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Toluene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| trans-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| trans-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Trichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Trichlorofluoromethane | ND | | 0.25 | 0.040 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Vinyl chloride | ND | | 0.25 | 0.040 | mg/Kg | | | 08/10/26 11:53 | 50 |
| Xylenes, Total | ND | | 0.25 | 0.070 | mg/Kg | | | 08/10/26 11:53 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *31 - 145* | | *08/10/26 11:53* | *50* |
| *4-Bromofluorobenzene (Surr)* | *90* | | *33 - 147* | | *08/10/26 11:53* | *50* |
| *Dibromofluoromethane (Surr)* | *90* | | *34 - 144* | | *08/10/26 11:53* | *50* |
| *Toluene-d8 (Surr)* | *85* | | *35 - 143* | | *08/10/26 11:53* | *50* |

**Lab Sample ID: LCS 410-865595/4**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.00 | 1.08 | | mg/Kg | | 108 | 69 - 123 |
| 1,1,2,2-Tetrachloroethane | 1.00 | 0.991 | | mg/Kg | | 99 | 69 - 125 |
| 1,1,2-Trichloroethane | 1.00 | 0.951 | | mg/Kg | | 95 | 79 - 120 |
| 1,1-Dichloroethane | 1.00 | 1.03 | | mg/Kg | | 103 | 77 - 120 |
| 1,1-Dichloroethene | 1.00 | 1.21 | | mg/Kg | | 121 | 73 - 129 |
| 1,2,4-Trichlorobenzene | 1.00 | 0.898 | | mg/Kg | | 90 | 63 - 123 |
| 1,2-Dibromo-3-Chloropropane | 1.00 | 1.04 | | mg/Kg | | 104 | 47 - 120 |
| 1,2-Dibromoethane | 1.00 | 0.974 | | mg/Kg | | 97 | 76 - 120 |
| 1,2-Dichlorobenzene | 1.00 | 0.934 | | mg/Kg | | 93 | 74 - 120 |
| 1,2-Dichloroethane | 1.00 | 0.916 | | mg/Kg | | 92 | 72 - 124 |
| 1,2-Dichloropropane | 1.00 | 1.01 | | mg/Kg | | 101 | 75 - 124 |
| 1,3-Dichlorobenzene | 1.00 | 0.981 | | mg/Kg | | 98 | 75 - 120 |
| 1,4-Dichlorobenzene | 1.00 | 0.983 | | mg/Kg | | 98 | 76 - 122 |
| 2-Butanone | 12.5 | 11.6 | | mg/Kg | | 93 | 48 - 142 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-865595/4**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2-Hexanone | 12.5 | 13.6 | | mg/Kg | | 109 | 54 - 135 |
| 4-Methyl-2-pentanone | 12.5 | 13.0 | | mg/Kg | | 104 | 58 - 138 |
| Acetone | 12.5 | 9.05 | | mg/Kg | | 72 | 53 - 142 |
| Benzene | 1.00 | 1.04 | | mg/Kg | | 104 | 80 - 120 |
| Bromoform | 1.00 | 1.08 | | mg/Kg | | 108 | 61 - 127 |
| Bromomethane | 1.00 | 0.710 | | mg/Kg | | 71 | 33 - 158 |
| Carbon disulfide | 1.00 | 1.15 | | mg/Kg | | 115 | 64 - 133 |
| Carbon tetrachloride | 1.00 | 1.09 | | mg/Kg | | 109 | 64 - 127 |
| Chlorobenzene | 1.00 | 0.980 | | mg/Kg | | 98 | 80 - 120 |
| Chlorodibromomethane | 1.00 | 0.952 | | mg/Kg | | 95 | 69 - 125 |
| Chloroethane | 1.00 | 0.592 | | mg/Kg | | 59 | 29 - 169 |
| Chloroform | 1.00 | 0.995 | | mg/Kg | | 100 | 73 - 120 |
| Chloromethane | 1.00 | 1.08 | | mg/Kg | | 108 | 43 - 125 |
| cis-1,2-Dichloroethene | 1.00 | 1.04 | | mg/Kg | | 104 | 80 - 120 |
| cis-1,3-Dichloropropene | 1.00 | 0.953 | | mg/Kg | | 95 | 71 - 120 |
| Cyclohexane | 1.00 | 1.09 | | mg/Kg | | 109 | 58 - 120 |
| Dichlorobromomethane | 1.00 | 0.986 | | mg/Kg | | 99 | 70 - 120 |
| Dichlorodifluoromethane | 1.00 | 1.02 | | mg/Kg | | 102 | 37 - 126 |
| Ethylbenzene | 1.00 | 0.987 | | mg/Kg | | 99 | 78 - 120 |
| Freon 113 | 1.00 | 1.10 | | mg/Kg | | 110 | 53 - 126 |
| Isopropylbenzene | 1.00 | 0.937 | | mg/Kg | | 94 | 80 - 130 |
| Methyl acetate | 1.00 | 1.23 | | mg/Kg | | 123 | 52 - 148 |
| Methyl tert-butyl ether | 1.00 | 1.01 | | mg/Kg | | 101 | 69 - 120 |
| Methylcyclohexane | 1.00 | 0.971 | | mg/Kg | | 97 | 61 - 124 |
| Methylene Chloride | 1.00 | 1.13 | | mg/Kg | | 113 | 76 - 122 |
| Styrene | 1.00 | 1.02 | | mg/Kg | | 102 | 76 - 120 |
| Tetrachloroethene | 1.00 | 0.990 | | mg/Kg | | 99 | 73 - 120 |
| Toluene | 1.00 | 0.984 | | mg/Kg | | 98 | 78 - 120 |
| trans-1,2-Dichloroethene | 1.00 | 0.998 | | mg/Kg | | 100 | 79 - 126 |
| trans-1,3-Dichloropropene | 1.00 | 0.962 | | mg/Kg | | 96 | 73 - 120 |
| Trichloroethene | 1.00 | 0.962 | | mg/Kg | | 96 | 79 - 120 |
| Trichlorofluoromethane | 1.00 | 0.991 | | mg/Kg | | 99 | 59 - 120 |
| Vinyl chloride | 1.00 | 1.10 | | mg/Kg | | 110 | 52 - 126 |
| Xylenes, Total | 3.00 | 2.94 | | mg/Kg | | 98 | 75 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *86* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *87* | | *35 - 143* |

**Lab Sample ID: LCSD 410-865595/5**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.00 | 1.11 | | mg/Kg | | 111 | 69 - 123 | 3 | 30 |
| 1,1,2,2-Tetrachloroethane | 1.00 | 0.987 | | mg/Kg | | 99 | 69 - 125 | 0 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-865595/5**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | | | 1.00 | 0.904 | | mg/Kg | | 90 | 79 - 120 | 5 | 30 |
| 1,1-Dichloroethane | | | 1.00 | 1.06 | | mg/Kg | | 106 | 77 - 120 | 2 | 30 |
| 1,1-Dichloroethene | | | 1.00 | 1.21 | | mg/Kg | | 121 | 73 - 129 | 1 | 30 |
| 1,2,4-Trichlorobenzene | | | 1.00 | 0.892 | | mg/Kg | | 89 | 63 - 123 | 1 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 1.00 | 1.03 | | mg/Kg | | 103 | 47 - 120 | 1 | 30 |
| 1,2-Dibromoethane | | | 1.00 | 0.938 | | mg/Kg | | 94 | 76 - 120 | 4 | 30 |
| 1,2-Dichlorobenzene | | | 1.00 | 0.961 | | mg/Kg | | 96 | 74 - 120 | 3 | 30 |
| 1,2-Dichloroethane | | | 1.00 | 0.950 | | mg/Kg | | 95 | 72 - 124 | 4 | 30 |
| 1,2-Dichloropropane | | | 1.00 | 1.04 | | mg/Kg | | 104 | 75 - 124 | 3 | 30 |
| 1,3-Dichlorobenzene | | | 1.00 | 0.976 | | mg/Kg | | 98 | 75 - 120 | 0 | 30 |
| 1,4-Dichlorobenzene | | | 1.00 | 0.971 | | mg/Kg | | 97 | 76 - 122 | 1 | 30 |
| 2-Butanone | | | 12.5 | 11.6 | | mg/Kg | | 93 | 48 - 142 | 0 | 30 |
| 2-Hexanone | | | 12.5 | 12.9 | | mg/Kg | | 103 | 54 - 135 | 5 | 30 |
| 4-Methyl-2-pentanone | | | 12.5 | 13.0 | | mg/Kg | | 104 | 58 - 138 | 0 | 30 |
| Acetone | | | 12.5 | 10.0 | | mg/Kg | | 80 | 53 - 142 | 10 | 30 |
| Benzene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 80 - 120 | 0 | 30 |
| Bromoform | | | 1.00 | 1.07 | | mg/Kg | | 107 | 61 - 127 | 0 | 30 |
| Bromomethane | | | 1.00 | 0.813 | | mg/Kg | | 81 | 33 - 158 | 13 | 30 |
| Carbon disulfide | | | 1.00 | 1.23 | | mg/Kg | | 123 | 64 - 133 | 7 | 30 |
| Carbon tetrachloride | | | 1.00 | 1.10 | | mg/Kg | | 110 | 64 - 127 | 1 | 30 |
| Chlorobenzene | | | 1.00 | 0.984 | | mg/Kg | | 98 | 80 - 120 | 0 | 30 |
| Chlorodibromomethane | | | 1.00 | 0.955 | | mg/Kg | | 96 | 69 - 125 | 0 | 30 |
| Chloroethane | | | 1.00 | 0.672 | | mg/Kg | | 67 | 29 - 169 | 13 | 30 |
| Chloroform | | | 1.00 | 1.03 | | mg/Kg | | 103 | 73 - 120 | 3 | 30 |
| Chloromethane | | | 1.00 | 1.14 | | mg/Kg | | 114 | 43 - 125 | 5 | 30 |
| cis-1,2-Dichloroethene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 80 - 120 | 0 | 30 |
| cis-1,3-Dichloropropene | | | 1.00 | 0.927 | | mg/Kg | | 93 | 71 - 120 | 3 | 30 |
| Cyclohexane | | | 1.00 | 1.13 | | mg/Kg | | 113 | 58 - 120 | 3 | 30 |
| Dichlorobromomethane | | | 1.00 | 1.00 | | mg/Kg | | 100 | 70 - 120 | 1 | 30 |
| Dichlorodifluoromethane | | | 1.00 | 1.04 | | mg/Kg | | 104 | 37 - 126 | 3 | 30 |
| Ethylbenzene | | | 1.00 | 0.974 | | mg/Kg | | 97 | 78 - 120 | 1 | 30 |
| Freon 113 | | | 1.00 | 1.14 | | mg/Kg | | 114 | 53 - 126 | 3 | 30 |
| Isopropylbenzene | | | 1.00 | 0.947 | | mg/Kg | | 95 | 80 - 130 | 1 | 30 |
| Methyl acetate | | | 1.00 | 1.28 | | mg/Kg | | 128 | 52 - 148 | 4 | 30 |
| Methyl tert-butyl ether | | | 1.00 | 1.01 | | mg/Kg | | 101 | 69 - 120 | 0 | 30 |
| Methylcyclohexane | | | 1.00 | 0.999 | | mg/Kg | | 100 | 61 - 124 | 3 | 30 |
| Methylene Chloride | | | 1.00 | 1.16 | | mg/Kg | | 116 | 76 - 122 | 3 | 30 |
| Styrene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 76 - 120 | 2 | 30 |
| Tetrachloroethene | | | 1.00 | 0.970 | | mg/Kg | | 97 | 73 - 120 | 2 | 30 |
| Toluene | | | 1.00 | 0.948 | | mg/Kg | | 95 | 78 - 120 | 4 | 30 |
| trans-1,2-Dichloroethene | | | 1.00 | 0.987 | | mg/Kg | | 99 | 79 - 126 | 1 | 30 |
| trans-1,3-Dichloropropene | | | 1.00 | 0.914 | | mg/Kg | | 91 | 73 - 120 | 5 | 30 |
| Trichloroethene | | | 1.00 | 1.00 | | mg/Kg | | 100 | 79 - 120 | 4 | 30 |
| Trichlorofluoromethane | | | 1.00 | 1.05 | | mg/Kg | | 105 | 59 - 120 | 6 | 30 |
| Vinyl chloride | | | 1.00 | 1.15 | | mg/Kg | | 115 | 52 - 126 | 4 | 30 |
| Xylenes, Total | | | 3.00 | 2.94 | | mg/Kg | | 98 | 75 - 120 | 0 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-865595/5**
**Matrix: Solid**
**Analysis Batch: 865595**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *90* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *87* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *85* | | *35 - 143* |

**Lab Sample ID: MB 410-866777/6**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,1,2-Trichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,1-Dichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,1-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 0.50 | 0.25 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.25 | 0.050 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2-Dibromoethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2-Dichlorobenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2-Dichloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,2-Dichloropropane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,3-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 1,4-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 2-Butanone | ND | | 0.50 | 0.10 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 2-Hexanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/11/26 22:18 | 50 |
| 4-Methyl-2-pentanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Acetone | ND | | 1.0 | 0.30 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Benzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Bromoform | ND | | 0.50 | 0.25 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Bromomethane | ND | | 0.25 | 0.080 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Carbon disulfide | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Carbon tetrachloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Chlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Chlorodibromomethane | ND | | 0.25 | 0.10 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Chloroethane | ND | | 0.25 | 0.075 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Chloroform | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Chloromethane | ND | | 0.25 | 0.045 | mg/Kg | | | 08/11/26 22:18 | 50 |
| cis-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| cis-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Cyclohexane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Dichlorobromomethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Dichlorodifluoromethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Ethylbenzene | ND | | 0.25 | 0.020 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Freon 113 | ND | | 0.50 | 0.035 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Isopropylbenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Methyl acetate | ND | | 0.25 | 0.050 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Methyl tert-butyl ether | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Methylcyclohexane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-866777/6**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methylene Chloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Styrene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Tetrachloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Toluene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| trans-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| trans-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Trichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Trichlorofluoromethane | ND | | 0.25 | 0.040 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Vinyl chloride | ND | | 0.25 | 0.040 | mg/Kg | | | 08/11/26 22:18 | 50 |
| Xylenes, Total | ND | | 0.25 | 0.070 | mg/Kg | | | 08/11/26 22:18 | 50 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *83* | | *31 - 145* | | *08/11/26 22:18* | *50* |
| *4-Bromofluorobenzene (Surr)* | *89* | | *33 - 147* | | *08/11/26 22:18* | *50* |
| *Dibromofluoromethane (Surr)* | *79* | | *34 - 144* | | *08/11/26 22:18* | *50* |
| *Toluene-d8 (Surr)* | *92* | | *35 - 143* | | *08/11/26 22:18* | *50* |

**Lab Sample ID: LCS 410-866777/7**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.00 | 0.967 | | mg/Kg | | 97 | 69 - 123 |
| 1,1,2,2-Tetrachloroethane | 1.00 | 1.23 | | mg/Kg | | 123 | 69 - 125 |
| 1,1,2-Trichloroethane | 1.00 | 1.06 | | mg/Kg | | 106 | 79 - 120 |
| 1,1-Dichloroethane | 1.00 | 0.996 | | mg/Kg | | 100 | 77 - 120 |
| 1,1-Dichloroethene | 1.00 | 1.01 | | mg/Kg | | 101 | 73 - 129 |
| 1,2,4-Trichlorobenzene | 1.00 | 0.893 | | mg/Kg | | 89 | 63 - 123 |
| 1,2-Dibromo-3-Chloropropane | 1.00 | 1.04 | | mg/Kg | | 104 | 47 - 120 |
| 1,2-Dibromoethane | 1.00 | 1.02 | | mg/Kg | | 102 | 76 - 120 |
| 1,2-Dichlorobenzene | 1.00 | 0.973 | | mg/Kg | | 97 | 74 - 120 |
| 1,2-Dichloroethane | 1.00 | 0.943 | | mg/Kg | | 94 | 72 - 124 |
| 1,2-Dichloropropane | 1.00 | 0.960 | | mg/Kg | | 96 | 75 - 124 |
| 1,3-Dichlorobenzene | 1.00 | 0.973 | | mg/Kg | | 97 | 75 - 120 |
| 1,4-Dichlorobenzene | 1.00 | 0.966 | | mg/Kg | | 97 | 76 - 122 |
| 2-Butanone | 12.5 | 10.1 | | mg/Kg | | 80 | 48 - 142 |
| 2-Hexanone | 12.5 | 13.3 | | mg/Kg | | 107 | 54 - 135 |
| 4-Methyl-2-pentanone | 12.5 | 12.4 | | mg/Kg | | 99 | 58 - 138 |
| Acetone | 12.5 | 9.73 | | mg/Kg | | 78 | 53 - 142 |
| Benzene | 1.00 | 0.961 | | mg/Kg | | 96 | 80 - 120 |
| Bromoform | 1.00 | 0.894 | | mg/Kg | | 89 | 61 - 127 |
| Bromomethane | 1.00 | 0.846 | | mg/Kg | | 85 | 33 - 158 |
| Carbon disulfide | 1.00 | 0.893 | | mg/Kg | | 89 | 64 - 133 |
| Carbon tetrachloride | 1.00 | 0.935 | | mg/Kg | | 93 | 64 - 127 |
| Chlorobenzene | 1.00 | 0.997 | | mg/Kg | | 100 | 80 - 120 |
| Chlorodibromomethane | 1.00 | 0.973 | | mg/Kg | | 97 | 69 - 125 |
| Chloroethane | 1.00 | 0.886 | | mg/Kg | | 89 | 29 - 169 |
| Chloroform | 1.00 | 0.961 | | mg/Kg | | 96 | 73 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-866777/7**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | | 1.00 | 0.664 | | mg/Kg | | 66 | 43 - 125 | | |
| cis-1,2-Dichloroethene | | | 1.00 | 0.959 | | mg/Kg | | 96 | 80 - 120 | | |
| cis-1,3-Dichloropropene | | | 1.00 | 0.941 | | mg/Kg | | 94 | 71 - 120 | | |
| Cyclohexane | | | 1.00 | 0.960 | | mg/Kg | | 96 | 58 - 120 | | |
| Dichlorobromomethane | | | 1.00 | 0.954 | | mg/Kg | | 95 | 70 - 120 | | |
| Dichlorodifluoromethane | | | 1.00 | 0.543 | | mg/Kg | | 54 | 37 - 126 | | |
| Ethylbenzene | | | 1.00 | 1.05 | | mg/Kg | | 105 | 78 - 120 | | |
| Freon 113 | | | 1.00 | 0.808 | | mg/Kg | | 81 | 53 - 126 | | |
| Isopropylbenzene | | | 1.00 | 0.979 | | mg/Kg | | 98 | 80 - 130 | | |
| Methyl acetate | | | 1.00 | 1.08 | | mg/Kg | | 108 | 52 - 148 | | |
| Methyl tert-butyl ether | | | 1.00 | 0.932 | | mg/Kg | | 93 | 69 - 120 | | |
| Methylcyclohexane | | | 1.00 | 0.825 | | mg/Kg | | 82 | 61 - 124 | | |
| Methylene Chloride | | | 1.00 | 0.992 | | mg/Kg | | 99 | 76 - 122 | | |
| Styrene | | | 1.00 | 1.03 | | mg/Kg | | 103 | 76 - 120 | | |
| Tetrachloroethene | | | 1.00 | 0.971 | | mg/Kg | | 97 | 73 - 120 | | |
| Toluene | | | 1.00 | 1.05 | | mg/Kg | | 105 | 78 - 120 | | |
| trans-1,2-Dichloroethene | | | 1.00 | 0.954 | | mg/Kg | | 95 | 79 - 126 | | |
| trans-1,3-Dichloropropene | | | 1.00 | 1.08 | | mg/Kg | | 108 | 73 - 120 | | |
| Trichloroethene | | | 1.00 | 0.929 | | mg/Kg | | 93 | 79 - 120 | | |
| Trichlorofluoromethane | | | 1.00 | 0.753 | | mg/Kg | | 75 | 59 - 120 | | |
| Vinyl chloride | | | 1.00 | 0.709 | | mg/Kg | | 71 | 52 - 126 | | |
| Xylenes, Total | | | 3.00 | 3.03 | | mg/Kg | | 101 | 75 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *82* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *91* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *79* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *93* | | *35 - 143* |

**Lab Sample ID: LCSD 410-866777/8**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 1.00 | 0.946 | | mg/Kg | | 95 | 69 - 123 | 2 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 1.00 | 1.22 | | mg/Kg | | 122 | 69 - 125 | 1 | 30 |
| 1,1,2-Trichloroethane | | | 1.00 | 1.04 | | mg/Kg | | 104 | 79 - 120 | 2 | 30 |
| 1,1-Dichloroethane | | | 1.00 | 0.979 | | mg/Kg | | 98 | 77 - 120 | 2 | 30 |
| 1,1-Dichloroethene | | | 1.00 | 0.974 | | mg/Kg | | 97 | 73 - 129 | 3 | 30 |
| 1,2,4-Trichlorobenzene | | | 1.00 | 0.874 | | mg/Kg | | 87 | 63 - 123 | 2 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 1.00 | 1.06 | | mg/Kg | | 106 | 47 - 120 | 2 | 30 |
| 1,2-Dibromoethane | | | 1.00 | 0.999 | | mg/Kg | | 100 | 76 - 120 | 2 | 30 |
| 1,2-Dichlorobenzene | | | 1.00 | 0.956 | | mg/Kg | | 96 | 74 - 120 | 2 | 30 |
| 1,2-Dichloroethane | | | 1.00 | 0.900 | | mg/Kg | | 90 | 72 - 124 | 5 | 30 |
| 1,2-Dichloropropane | | | 1.00 | 0.951 | | mg/Kg | | 95 | 75 - 124 | 1 | 30 |
| 1,3-Dichlorobenzene | | | 1.00 | 0.958 | | mg/Kg | | 96 | 75 - 120 | 2 | 30 |
| 1,4-Dichlorobenzene | | | 1.00 | 0.941 | | mg/Kg | | 94 | 76 - 122 | 3 | 30 |
| 2-Butanone | | | 12.5 | 10.3 | | mg/Kg | | 83 | 48 - 142 | 3 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-866777/8**
**Matrix: Solid**
**Analysis Batch: 866777**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | | | 12.5 | 13.6 | | mg/Kg | | 109 | 54 - 135 | 2 | 30 |
| 4-Methyl-2-pentanone | | | 12.5 | 12.4 | | mg/Kg | | 99 | 58 - 138 | 0 | 30 |
| Acetone | | | 12.5 | 10.4 | | mg/Kg | | 83 | 53 - 142 | 7 | 30 |
| Benzene | | | 1.00 | 0.940 | | mg/Kg | | 94 | 80 - 120 | 2 | 30 |
| Bromoform | | | 1.00 | 0.881 | | mg/Kg | | 88 | 61 - 127 | 1 | 30 |
| Bromomethane | | | 1.00 | 0.834 | | mg/Kg | | 83 | 33 - 158 | 1 | 30 |
| Carbon disulfide | | | 1.00 | 0.861 | | mg/Kg | | 86 | 64 - 133 | 4 | 30 |
| Carbon tetrachloride | | | 1.00 | 0.904 | | mg/Kg | | 90 | 64 - 127 | 3 | 30 |
| Chlorobenzene | | | 1.00 | 0.969 | | mg/Kg | | 97 | 80 - 120 | 3 | 30 |
| Chlorodibromomethane | | | 1.00 | 0.943 | | mg/Kg | | 94 | 69 - 125 | 3 | 30 |
| Chloroethane | | | 1.00 | 0.870 | | mg/Kg | | 87 | 29 - 169 | 2 | 30 |
| Chloroform | | | 1.00 | 0.934 | | mg/Kg | | 93 | 73 - 120 | 3 | 30 |
| Chloromethane | | | 1.00 | 0.605 | | mg/Kg | | 61 | 43 - 125 | 9 | 30 |
| cis-1,2-Dichloroethene | | | 1.00 | 0.952 | | mg/Kg | | 95 | 80 - 120 | 1 | 30 |
| cis-1,3-Dichloropropene | | | 1.00 | 0.931 | | mg/Kg | | 93 | 71 - 120 | 1 | 30 |
| Cyclohexane | | | 1.00 | 0.926 | | mg/Kg | | 93 | 58 - 120 | 4 | 30 |
| Dichlorobromomethane | | | 1.00 | 0.953 | | mg/Kg | | 95 | 70 - 120 | 0 | 30 |
| Dichlorodifluoromethane | | | 1.00 | 0.455 | | mg/Kg | | 46 | 37 - 126 | 18 | 30 |
| Ethylbenzene | | | 1.00 | 1.02 | | mg/Kg | | 102 | 78 - 120 | 4 | 30 |
| Freon 113 | | | 1.00 | 0.786 | | mg/Kg | | 79 | 53 - 126 | 3 | 30 |
| Isopropylbenzene | | | 1.00 | 0.938 | | mg/Kg | | 94 | 80 - 130 | 4 | 30 |
| Methyl acetate | | | 1.00 | 1.13 | | mg/Kg | | 113 | 52 - 148 | 5 | 30 |
| Methyl tert-butyl ether | | | 1.00 | 0.927 | | mg/Kg | | 93 | 69 - 120 | 1 | 30 |
| Methylcyclohexane | | | 1.00 | 0.784 | | mg/Kg | | 78 | 61 - 124 | 5 | 30 |
| Methylene Chloride | | | 1.00 | 0.978 | | mg/Kg | | 98 | 76 - 122 | 1 | 30 |
| Styrene | | | 1.00 | 0.989 | | mg/Kg | | 99 | 76 - 120 | 4 | 30 |
| Tetrachloroethene | | | 1.00 | 0.926 | | mg/Kg | | 93 | 73 - 120 | 5 | 30 |
| Toluene | | | 1.00 | 1.02 | | mg/Kg | | 102 | 78 - 120 | 3 | 30 |
| trans-1,2-Dichloroethene | | | 1.00 | 0.935 | | mg/Kg | | 94 | 79 - 126 | 2 | 30 |
| trans-1,3-Dichloropropene | | | 1.00 | 1.06 | | mg/Kg | | 106 | 73 - 120 | 2 | 30 |
| Trichloroethene | | | 1.00 | 0.900 | | mg/Kg | | 90 | 79 - 120 | 3 | 30 |
| Trichlorofluoromethane | | | 1.00 | 0.713 | | mg/Kg | | 71 | 59 - 120 | 5 | 30 |
| Vinyl chloride | | | 1.00 | 0.659 | | mg/Kg | | 66 | 52 - 126 | 7 | 30 |
| Xylenes, Total | | | 3.00 | 2.94 | | mg/Kg | | 98 | 75 - 120 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *80* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *88* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *78* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *90* | | *35 - 143* |

**Lab Sample ID: MB 410-867759/7**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,1,2,2-Tetrachloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-867759/7**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,1-Dichloroethane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,1-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2,4-Trichlorobenzene | ND | | 0.50 | 0.25 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2-Dibromo-3-Chloropropane | ND | | 0.25 | 0.050 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2-Dibromoethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2-Dichlorobenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2-Dichloroethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,2-Dichloropropane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,3-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 1,4-Dichlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 2-Butanone | ND | | 0.50 | 0.10 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 2-Hexanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/13/26 11:32 | 50 |
| 4-Methyl-2-pentanone | ND | | 0.50 | 0.075 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Acetone | ND | | 1.0 | 0.30 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Benzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Bromoform | ND | | 0.50 | 0.25 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Bromomethane | ND | | 0.25 | 0.080 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Carbon disulfide | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Carbon tetrachloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Chlorobenzene | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Chlorodibromomethane | ND | | 0.25 | 0.10 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Chloroethane | ND | | 0.25 | 0.075 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Chloroform | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Chloromethane | ND | | 0.25 | 0.045 | mg/Kg | | | 08/13/26 11:32 | 50 |
| cis-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| cis-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Cyclohexane | ND | | 0.25 | 0.025 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Dichlorobromomethane | ND | | 0.25 | 0.035 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Dichlorodifluoromethane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Ethylbenzene | ND | | 0.25 | 0.020 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Freon 113 | ND | | 0.50 | 0.035 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Isopropylbenzene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Methyl acetate | ND | | 0.25 | 0.050 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Methyl tert-butyl ether | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Methylcyclohexane | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Methylene Chloride | ND | | 0.25 | 0.10 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Styrene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Tetrachloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Toluene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| trans-1,2-Dichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| trans-1,3-Dichloropropene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Trichloroethene | ND | | 0.25 | 0.030 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Trichlorofluoromethane | ND | | 0.25 | 0.040 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Vinyl chloride | ND | | 0.25 | 0.040 | mg/Kg | | | 08/13/26 11:32 | 50 |
| Xylenes, Total | ND | | 0.25 | 0.070 | mg/Kg | | | 08/13/26 11:32 | 50 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-867759/7**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *82* | | *31 - 145* | | *08/13/26 11:32* | *50* |
| *4-Bromofluorobenzene (Surr)* | *82* | | *33 - 147* | | *08/13/26 11:32* | *50* |
| *Dibromofluoromethane (Surr)* | *78* | | *34 - 144* | | *08/13/26 11:32* | *50* |
| *Toluene-d8 (Surr)* | *76* | | *35 - 143* | | *08/13/26 11:32* | *50* |

**Lab Sample ID: LCS 410-867759/4**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.00 | 1.10 | | mg/Kg | | 110 | 69 - 123 |
| 1,1,2,2-Tetrachloroethane | 1.00 | 1.07 | | mg/Kg | | 107 | 69 - 125 |
| 1,1,2-Trichloroethane | 1.00 | 1.00 | | mg/Kg | | 100 | 79 - 120 |
| 1,1-Dichloroethane | 1.00 | 1.07 | | mg/Kg | | 107 | 77 - 120 |
| 1,1-Dichloroethene | 1.00 | 1.01 | | mg/Kg | | 101 | 73 - 129 |
| 1,2,4-Trichlorobenzene | 1.00 | 0.869 | | mg/Kg | | 87 | 63 - 123 |
| 1,2-Dibromo-3-Chloropropane | 1.00 | 1.09 | | mg/Kg | | 109 | 47 - 120 |
| 1,2-Dibromoethane | 1.00 | 0.982 | | mg/Kg | | 98 | 76 - 120 |
| 1,2-Dichlorobenzene | 1.00 | 0.996 | | mg/Kg | | 100 | 74 - 120 |
| 1,2-Dichloroethane | 1.00 | 0.958 | | mg/Kg | | 96 | 72 - 124 |
| 1,2-Dichloropropane | 1.00 | 1.02 | | mg/Kg | | 102 | 75 - 124 |
| 1,3-Dichlorobenzene | 1.00 | 1.01 | | mg/Kg | | 101 | 75 - 120 |
| 1,4-Dichlorobenzene | 1.00 | 0.993 | | mg/Kg | | 99 | 76 - 122 |
| 2-Butanone | 12.5 | 11.0 | | mg/Kg | | 88 | 48 - 142 |
| 2-Hexanone | 12.5 | 13.9 | | mg/Kg | | 111 | 54 - 135 |
| 4-Methyl-2-pentanone | 12.5 | 13.4 | | mg/Kg | | 107 | 58 - 138 |
| Acetone | 12.5 | 9.77 | | mg/Kg | | 78 | 53 - 142 |
| Benzene | 1.00 | 1.02 | | mg/Kg | | 102 | 80 - 120 |
| Bromoform | 1.00 | 1.08 | | mg/Kg | | 108 | 61 - 127 |
| Bromomethane | 1.00 | 0.658 | | mg/Kg | | 66 | 33 - 158 |
| Carbon disulfide | 1.00 | 0.983 | | mg/Kg | | 98 | 64 - 133 |
| Carbon tetrachloride | 1.00 | 1.09 | | mg/Kg | | 109 | 64 - 127 |
| Chlorobenzene | 1.00 | 0.996 | | mg/Kg | | 100 | 80 - 120 |
| Chlorodibromomethane | 1.00 | 0.952 | | mg/Kg | | 95 | 69 - 125 |
| Chloroethane | 1.00 | 0.573 | | mg/Kg | | 57 | 29 - 169 |
| Chloroform | 1.00 | 1.02 | | mg/Kg | | 102 | 73 - 120 |
| Chloromethane | 1.00 | 0.789 | | mg/Kg | | 79 | 43 - 125 |
| cis-1,2-Dichloroethene | 1.00 | 1.01 | | mg/Kg | | 101 | 80 - 120 |
| cis-1,3-Dichloropropene | 1.00 | 0.927 | | mg/Kg | | 93 | 71 - 120 |
| Cyclohexane | 1.00 | 1.14 | | mg/Kg | | 114 | 58 - 120 |
| Dichlorobromomethane | 1.00 | 0.980 | | mg/Kg | | 98 | 70 - 120 |
| Dichlorodifluoromethane | 1.00 | 0.592 | | mg/Kg | | 59 | 37 - 126 |
| Ethylbenzene | 1.00 | 1.00 | | mg/Kg | | 100 | 78 - 120 |
| Freon 113 | 1.00 | 0.960 | | mg/Kg | | 96 | 53 - 126 |
| Isopropylbenzene | 1.00 | 0.964 | | mg/Kg | | 96 | 80 - 130 |
| Methyl acetate | 1.00 | 1.10 | | mg/Kg | | 110 | 52 - 148 |
| Methyl tert-butyl ether | 1.00 | 1.02 | | mg/Kg | | 102 | 69 - 120 |
| Methylcyclohexane | 1.00 | 0.972 | | mg/Kg | | 97 | 61 - 124 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-867759/4**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Methylene Chloride | | | 1.00 | 1.02 | | mg/Kg | | 102 | 76 - 122 | | |
| Styrene | | | 1.00 | 1.03 | | mg/Kg | | 103 | 76 - 120 | | |
| Tetrachloroethene | | | 1.00 | 0.992 | | mg/Kg | | 99 | 73 - 120 | | |
| Toluene | | | 1.00 | 1.00 | | mg/Kg | | 100 | 78 - 120 | | |
| trans-1,2-Dichloroethene | | | 1.00 | 0.997 | | mg/Kg | | 100 | 79 - 126 | | |
| trans-1,3-Dichloropropene | | | 1.00 | 0.989 | | mg/Kg | | 99 | 73 - 120 | | |
| Trichloroethene | | | 1.00 | 0.965 | | mg/Kg | | 97 | 79 - 120 | | |
| Trichlorofluoromethane | | | 1.00 | 0.817 | | mg/Kg | | 82 | 59 - 120 | | |
| Vinyl chloride | | | 1.00 | 0.841 | | mg/Kg | | 84 | 52 - 126 | | |
| Xylenes, Total | | | 3.00 | 3.01 | | mg/Kg | | 100 | 75 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *94* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *99* | | *35 - 143* |

**Lab Sample ID: LCSD 410-867759/5**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 1.00 | 1.09 | | mg/Kg | | 109 | 69 - 123 | 1 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 1.00 | 1.07 | | mg/Kg | | 107 | 69 - 125 | 0 | 30 |
| 1,1,2-Trichloroethane | | | 1.00 | 0.956 | | mg/Kg | | 96 | 79 - 120 | 5 | 30 |
| 1,1-Dichloroethane | | | 1.00 | 1.03 | | mg/Kg | | 103 | 77 - 120 | 4 | 30 |
| 1,1-Dichloroethene | | | 1.00 | 1.10 | | mg/Kg | | 110 | 73 - 129 | 9 | 30 |
| 1,2,4-Trichlorobenzene | | | 1.00 | 0.939 | | mg/Kg | | 94 | 63 - 123 | 8 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 1.00 | 1.06 | | mg/Kg | | 106 | 47 - 120 | 3 | 30 |
| 1,2-Dibromoethane | | | 1.00 | 0.956 | | mg/Kg | | 96 | 76 - 120 | 3 | 30 |
| 1,2-Dichlorobenzene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 74 - 120 | 1 | 30 |
| 1,2-Dichloroethane | | | 1.00 | 0.921 | | mg/Kg | | 92 | 72 - 124 | 4 | 30 |
| 1,2-Dichloropropane | | | 1.00 | 1.02 | | mg/Kg | | 102 | 75 - 124 | 1 | 30 |
| 1,3-Dichlorobenzene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 75 - 120 | 1 | 30 |
| 1,4-Dichlorobenzene | | | 1.00 | 0.996 | | mg/Kg | | 100 | 76 - 122 | 0 | 30 |
| 2-Butanone | | | 12.5 | 10.5 | | mg/Kg | | 84 | 48 - 142 | 4 | 30 |
| 2-Hexanone | | | 12.5 | 13.7 | | mg/Kg | | 109 | 54 - 135 | 2 | 30 |
| 4-Methyl-2-pentanone | | | 12.5 | 13.1 | | mg/Kg | | 105 | 58 - 138 | 2 | 30 |
| Acetone | | | 12.5 | 8.92 | | mg/Kg | | 71 | 53 - 142 | 9 | 30 |
| Benzene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 80 - 120 | 1 | 30 |
| Bromoform | | | 1.00 | 1.16 | | mg/Kg | | 116 | 61 - 127 | 7 | 30 |
| Bromomethane | | | 1.00 | 0.623 | | mg/Kg | | 62 | 33 - 158 | 5 | 30 |
| Carbon disulfide | | | 1.00 | 1.08 | | mg/Kg | | 108 | 64 - 133 | 9 | 30 |
| Carbon tetrachloride | | | 1.00 | 1.07 | | mg/Kg | | 107 | 64 - 127 | 1 | 30 |
| Chlorobenzene | | | 1.00 | 1.02 | | mg/Kg | | 102 | 80 - 120 | 2 | 30 |
| Chlorodibromomethane | | | 1.00 | 0.973 | | mg/Kg | | 97 | 69 - 125 | 2 | 30 |
| Chloroethane | | | 1.00 | 0.540 | | mg/Kg | | 54 | 29 - 169 | 6 | 30 |
| Chloroform | | | 1.00 | 0.997 | | mg/Kg | | 100 | 73 - 120 | 2 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 410-867759/5**
**Matrix: Solid**
**Analysis Batch: 867759**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | | | 1.00 | 0.894 | | mg/Kg | | 89 | 43 - 125 | 13 | 30 |
| cis-1,2-Dichloroethene | | | 1.00 | 0.990 | | mg/Kg | | 99 | 80 - 120 | 2 | 30 |
| cis-1,3-Dichloropropene | | | 1.00 | 0.938 | | mg/Kg | | 94 | 71 - 120 | 1 | 30 |
| Cyclohexane | | | 1.00 | 1.09 | | mg/Kg | | 109 | 58 - 120 | 5 | 30 |
| Dichlorobromomethane | | | 1.00 | 0.961 | | mg/Kg | | 96 | 70 - 120 | 2 | 30 |
| Dichlorodifluoromethane | | | 1.00 | 0.663 | | mg/Kg | | 66 | 37 - 126 | 11 | 30 |
| Ethylbenzene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 78 - 120 | 4 | 30 |
| Freon 113 | | | 1.00 | 1.05 | | mg/Kg | | 105 | 53 - 126 | 9 | 30 |
| Isopropylbenzene | | | 1.00 | 0.990 | | mg/Kg | | 99 | 80 - 130 | 3 | 30 |
| Methyl acetate | | | 1.00 | 1.23 | | mg/Kg | | 123 | 52 - 148 | 11 | 30 |
| Methyl tert-butyl ether | | | 1.00 | 1.14 | | mg/Kg | | 114 | 69 - 120 | 12 | 30 |
| Methylcyclohexane | | | 1.00 | 0.961 | | mg/Kg | | 96 | 61 - 124 | 1 | 30 |
| Methylene Chloride | | | 1.00 | 1.13 | | mg/Kg | | 113 | 76 - 122 | 10 | 30 |
| Styrene | | | 1.00 | 1.04 | | mg/Kg | | 104 | 76 - 120 | 1 | 30 |
| Tetrachloroethene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 73 - 120 | 2 | 30 |
| Toluene | | | 1.00 | 1.01 | | mg/Kg | | 101 | 78 - 120 | 1 | 30 |
| trans-1,2-Dichloroethene | | | 1.00 | 1.12 | | mg/Kg | | 112 | 79 - 126 | 12 | 30 |
| trans-1,3-Dichloropropene | | | 1.00 | 1.00 | | mg/Kg | | 100 | 73 - 120 | 2 | 30 |
| Trichloroethene | | | 1.00 | 0.982 | | mg/Kg | | 98 | 79 - 120 | 2 | 30 |
| Trichlorofluoromethane | | | 1.00 | 0.889 | | mg/Kg | | 89 | 59 - 120 | 8 | 30 |
| Vinyl chloride | | | 1.00 | 0.941 | | mg/Kg | | 94 | 52 - 126 | 11 | 30 |
| Xylenes, Total | | | 3.00 | 3.04 | | mg/Kg | | 101 | 75 - 120 | 1 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *31 - 145* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *33 - 147* |
| *Dibromofluoromethane (Surr)* | *93* | | *34 - 144* |
| *Toluene-d8 (Surr)* | *101* | | *35 - 143* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-864351/1-A**
**Matrix: Solid**
**Analysis Batch: 865503**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 864351**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.00408 | J B | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| 2-Methylnaphthalene | 0.00671 | J B | 0.017 | 0.0050 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Acenaphthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Acenaphthylene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Anthracene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Benzo[a]anthracene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Benzo[a]pyrene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Benzo[b]fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Benzo[k]fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Chrysene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.017 | 0.0067 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 410-864351/1-A**
**Matrix: Solid**
**Analysis Batch: 865503**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 864351**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluorene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Naphthalene | 0.0444 | B | 0.017 | 0.0067 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Phenanthrene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |
| Pyrene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/06/26 17:21 | 08/10/26 09:39 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *75* | | *34 - 120* | *08/06/26 17:21* | *08/10/26 09:39* | *1* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *26 - 120* | *08/06/26 17:21* | *08/10/26 09:39* | *1* |
| *p-Terphenyl-d14 (Surr)* | *105* | | *39 - 137* | *08/06/26 17:21* | *08/10/26 09:39* | *1* |

**Lab Sample ID: LCS 410-864351/2-A**
**Matrix: Solid**
**Analysis Batch: 865503**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 864351**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 1.67 | 1.33 | | mg/Kg | | 80 | 49 - 120 |
| 2-Methylnaphthalene | 1.67 | 1.27 | | mg/Kg | | 76 | 44 - 120 |
| Acenaphthene | 1.67 | 1.44 | | mg/Kg | | 86 | 50 - 120 |
| Acenaphthylene | 1.67 | 1.49 | | mg/Kg | | 89 | 51 - 120 |
| Anthracene | 1.67 | 1.49 | | mg/Kg | | 90 | 58 - 120 |
| Benzo[a]anthracene | 1.67 | 1.44 | | mg/Kg | | 87 | 56 - 120 |
| Benzo[a]pyrene | 1.67 | 1.54 | | mg/Kg | | 93 | 58 - 126 |
| Benzo[b]fluoranthene | 1.67 | 1.52 | | mg/Kg | | 91 | 53 - 120 |
| Benzo[g,h,i]perylene | 1.67 | 1.36 | | mg/Kg | | 82 | 56 - 125 |
| Benzo[k]fluoranthene | 1.67 | 1.49 | | mg/Kg | | 90 | 56 - 120 |
| Chrysene | 1.67 | 1.43 | | mg/Kg | | 86 | 56 - 120 |
| Dibenz(a,h)anthracene | 1.67 | 1.49 | | mg/Kg | | 89 | 57 - 124 |
| Fluoranthene | 1.67 | 1.51 | | mg/Kg | | 91 | 57 - 121 |
| Fluorene | 1.67 | 1.48 | | mg/Kg | | 89 | 54 - 120 |
| Indeno[1,2,3-cd]pyrene | 1.67 | 1.42 | | mg/Kg | | 85 | 54 - 125 |
| Naphthalene | 1.67 | 1.23 | | mg/Kg | | 74 | 43 - 120 |
| Phenanthrene | 1.67 | 1.48 | | mg/Kg | | 89 | 57 - 120 |
| Pyrene | 1.67 | 1.49 | | mg/Kg | | 89 | 56 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *86* | | *34 - 120* |
| *Nitrobenzene-d5 (Surr)* | *76* | | *26 - 120* |
| *p-Terphenyl-d14 (Surr)* | *96* | | *39 - 137* |

**Lab Sample ID: MB 410-866650/1-A**
**Matrix: Solid**
**Analysis Batch: 866890**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 866650**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| 2-Methylnaphthalene | ND | | 0.017 | 0.0050 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Acenaphthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 410-866650/1-A**
**Matrix: Solid**
**Analysis Batch: 866890**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 866650**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acenaphthylene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Anthracene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Benzo[a]anthracene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Benzo[a]pyrene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Benzo[b]fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Benzo[k]fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Chrysene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.017 | 0.0067 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Fluoranthene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Fluorene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Naphthalene | ND | | 0.017 | 0.0067 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Phenanthrene | ND | | 0.017 | 0.0040 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |
| Pyrene | ND | | 0.017 | 0.0033 | mg/Kg | | 08/11/26 16:37 | 08/12/26 08:26 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *83* | | *34 - 120* | *08/11/26 16:37* | *08/12/26 08:26* | *1* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *26 - 120* | *08/11/26 16:37* | *08/12/26 08:26* | *1* |
| *p-Terphenyl-d14 (Surr)* | *101* | | *39 - 137* | *08/11/26 16:37* | *08/12/26 08:26* | *1* |

**Lab Sample ID: LCS 410-866650/2-A**
**Matrix: Solid**
**Analysis Batch: 866890**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 866650**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 1.67 | 1.35 | | mg/Kg | | 81 | 49 - 120 |
| 2-Methylnaphthalene | 1.67 | 1.35 | | mg/Kg | | 81 | 44 - 120 |
| Acenaphthene | 1.67 | 1.48 | | mg/Kg | | 89 | 50 - 120 |
| Acenaphthylene | 1.67 | 1.54 | | mg/Kg | | 92 | 51 - 120 |
| Anthracene | 1.67 | 1.64 | | mg/Kg | | 99 | 58 - 120 |
| Benzo[a]anthracene | 1.67 | 1.63 | | mg/Kg | | 98 | 56 - 120 |
| Benzo[a]pyrene | 1.67 | 1.72 | | mg/Kg | | 103 | 58 - 126 |
| Benzo[b]fluoranthene | 1.67 | 1.51 | | mg/Kg | | 91 | 53 - 120 |
| Benzo[g,h,i]perylene | 1.67 | 1.79 | | mg/Kg | | 107 | 56 - 125 |
| Benzo[k]fluoranthene | 1.67 | 1.62 | | mg/Kg | | 97 | 56 - 120 |
| Chrysene | 1.67 | 1.57 | | mg/Kg | | 94 | 56 - 120 |
| Dibenz(a,h)anthracene | 1.67 | 1.85 | | mg/Kg | | 111 | 57 - 124 |
| Fluoranthene | 1.67 | 1.61 | | mg/Kg | | 96 | 57 - 121 |
| Fluorene | 1.67 | 1.60 | | mg/Kg | | 96 | 54 - 120 |
| Indeno[1,2,3-cd]pyrene | 1.67 | 1.85 | | mg/Kg | | 111 | 54 - 125 |
| Naphthalene | 1.67 | 1.27 | | mg/Kg | | 76 | 43 - 120 |
| Phenanthrene | 1.67 | 1.58 | | mg/Kg | | 95 | 57 - 120 |
| Pyrene | 1.67 | 1.61 | | mg/Kg | | 96 | 56 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *85* | | *34 - 120* |
| *Nitrobenzene-d5 (Surr)* | *78* | | *26 - 120* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 410-866650/2-A**
**Matrix: Solid**
**Analysis Batch: 866890**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 866650**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *p-Terphenyl-d14 (Surr)* | *99* | | *39 - 137* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 410-863885/1-A**
**Matrix: Solid**
**Analysis Batch: 863966**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 863885**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (1C) | ND | | 0.017 | 0.0053 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1221 (1C) | ND | | 0.017 | 0.0053 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1232 (1C) | ND | | 0.017 | 0.0053 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1242 (1C) | ND | | 0.017 | 0.0053 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1248 (1C) | ND | | 0.017 | 0.0053 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1254 (1C) | ND | | 0.017 | 0.0064 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1260 (1C) | ND | | 0.017 | 0.0064 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1262 (1C) | ND | | 0.017 | 0.0064 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |
| PCB-1268 (1C) | ND | | 0.017 | 0.0064 | mg/Kg | | 08/06/26 07:42 | 08/06/26 16:39 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *102* | | *66 - 130* | *08/06/26 07:42* | *08/06/26 16:39* | *1* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *101* | | *66 - 130* | *08/06/26 07:42* | *08/06/26 16:39* | *1* |
| *Tetrachloro-m-xylene (1C)* | *119* | | *68 - 130* | *08/06/26 07:42* | *08/06/26 16:39* | *1* |
| *Tetrachloro-m-xylene (2C)* | *112* | | *68 - 130* | *08/06/26 07:42* | *08/06/26 16:39* | *1* |

**Lab Sample ID: LCS 410-863885/2-A**
**Matrix: Solid**
**Analysis Batch: 863966**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 863885**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| PCB-1016 (1C) | 0.167 | 0.176 | | mg/Kg | | 105 | 68 - 121 |
| PCB-1260 (2C) | 0.167 | 0.175 | | mg/Kg | | 105 | 75 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *100* | | *66 - 130* |
| *DCB Decachlorobiphenyl (Surr) (2C)* | *104* | | *66 - 130* |
| *Tetrachloro-m-xylene (1C)* | *111* | | *68 - 130* |
| *Tetrachloro-m-xylene (2C)* | *105* | | *68 - 130* |

**Lab Sample ID: 410-297812-2 MS**
**Matrix: Solid**
**Analysis Batch: 864707**

**Client Sample ID: SB-2-1.75**
**Prep Type: Total/NA**
**Prep Batch: 863885**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.174 | 0.155 | | mg/Kg | ☼ | 89 | 68 - 121 |
| PCB-1260 (2C) | 0.011 | J | 0.174 | 0.161 | | mg/Kg | ☼ | 86 | 75 - 130 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: 410-297812-2 MS**
**Matrix: Solid**
**Analysis Batch: 864707**

**Client Sample ID: SB-2-1.75**
**Prep Type: Total/NA**
**Prep Batch: 863885**

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *78* | | *66 - 130* |
| *Tetrachloro-m-xylene (2C)* | *91* | | *68 - 130* |

**Lab Sample ID: 410-297812-2 MSD**
**Matrix: Solid**
**Analysis Batch: 864707**

**Client Sample ID: SB-2-1.75**
**Prep Type: Total/NA**
**Prep Batch: 863885**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 (2C) | ND | | 0.175 | 0.168 | | mg/Kg | ☼ | 96 | 68 - 121 | 9 | 50 |
| PCB-1260 (2C) | 0.011 | J | 0.175 | 0.180 | | mg/Kg | ☼ | 97 | 75 - 130 | 11 | 50 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl (Surr) (1C)* | *87* | | *66 - 130* |
| *Tetrachloro-m-xylene (2C)* | *102* | | *68 - 130* |

## GC/MS VOA

### Prep Batch: 864304

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 5035 | |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 5035 | |
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 5035 | |

### Prep Batch: 864305

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 5035 | |
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 5035 | |
| 410-297812-9 - RA | SB-9-1.75 | Total/NA | Solid | 5035 | |

### Analysis Batch: 864640

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 8260D | 864305 |
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 8260D | 864305 |
| MB 410-864640/8 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 410-864640/5 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 410-864640/6 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 865374

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-9 - RA | SB-9-1.75 | Total/NA | Solid | 8260D | 864305 |
| MB 410-865374/10 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 410-865374/5 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 410-865374/6 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 865595

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 8260D | 864304 |
| MB 410-865595/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 410-865595/4 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 410-865595/5 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 866777

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 8260D | 864304 |
| MB 410-866777/6 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 410-866777/7 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 410-866777/8 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 867759

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 8260D | 864304 |
| MB 410-867759/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 410-867759/4 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 410-867759/5 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 864351

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 3546 | |

## GC/MS Semi VOA (Continued)

### Prep Batch: 864351 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 3546 | |
| MB 410-864351/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 410-864351/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |

### Analysis Batch: 865503

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 410-864351/1-A | Method Blank | Total/NA | Solid | 8270E | 864351 |
| LCS 410-864351/2-A | Lab Control Sample | Total/NA | Solid | 8270E | 864351 |

### Analysis Batch: 865943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 8270E | 864351 |
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 8270E | 864351 |

### Prep Batch: 866650

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 3546 | |
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 3546 | |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 3546 | |
| MB 410-866650/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 410-866650/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |

### Analysis Batch: 866890

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 8270E | 866650 |
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 8270E | 866650 |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 8270E | 866650 |
| MB 410-866650/1-A | Method Blank | Total/NA | Solid | 8270E | 866650 |
| LCS 410-866650/2-A | Lab Control Sample | Total/NA | Solid | 8270E | 866650 |

## GC Semi VOA

### Prep Batch: 863885

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-1 | SB-1-2 | Total/NA | Solid | 3546 | |
| 410-297812-2 | SB-2-1.75 | Total/NA | Solid | 3546 | |
| 410-297812-3 | SB-3-2 | Total/NA | Solid | 3546 | |
| 410-297812-4 | SB-4-1.75 | Total/NA | Solid | 3546 | |
| 410-297812-5 | SB-5-2 | Total/NA | Solid | 3546 | |
| 410-297812-6 | SB-6-2 | Total/NA | Solid | 3546 | |
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 3546 | |
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 3546 | |
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 3546 | |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 3546 | |
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 3546 | |
| MB 410-863885/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 410-863885/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| 410-297812-2 MS | SB-2-1.75 | Total/NA | Solid | 3546 | |
| 410-297812-2 MSD | SB-2-1.75 | Total/NA | Solid | 3546 | |

# QC Association Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## GC Semi VOA

### Analysis Batch: 863966

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 410-863885/1-A | Method Blank | Total/NA | Solid | 8082A | 863885 |
| LCS 410-863885/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 863885 |

### Analysis Batch: 864707

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-1 | SB-1-2 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-2 | SB-2-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-3 | SB-3-2 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-4 | SB-4-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-5 | SB-5-2 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-6 | SB-6-2 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-7 | SB-7-2 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-8 | SB-8-1 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-2 MS | SB-2-1.75 | Total/NA | Solid | 8082A | 863885 |
| 410-297812-2 MSD | SB-2-1.75 | Total/NA | Solid | 8082A | 863885 |

## General Chemistry

### Analysis Batch: 861359

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297812-1 | SB-1-2 | Total/NA | Solid | Moisture | |
| 410-297812-2 | SB-2-1.75 | Total/NA | Solid | Moisture | |
| 410-297812-3 | SB-3-2 | Total/NA | Solid | Moisture | |
| 410-297812-4 | SB-4-1.75 | Total/NA | Solid | Moisture | |
| 410-297812-5 | SB-5-2 | Total/NA | Solid | Moisture | |
| 410-297812-6 | SB-6-2 | Total/NA | Solid | Moisture | |
| 410-297812-7 | SB-7-2 | Total/NA | Solid | Moisture | |
| 410-297812-8 | SB-8-1 | Total/NA | Solid | Moisture | |
| 410-297812-9 | SB-9-1.75 | Total/NA | Solid | Moisture | |
| 410-297812-10 | SB-10-1.75 | Total/NA | Solid | Moisture | |
| 410-297812-11 | SB-11-1.75 | Total/NA | Solid | Moisture | |

# Lab Chronicle

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Client Sample ID: SB-1-2
**Date Collected: 07/29/26 09:30**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-1
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-1-2
**Date Collected: 07/29/26 09:30**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-1
**Matrix: Solid**
**Percent Solids: 95.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 18:05 |

## Client Sample ID: SB-2-1.75
**Date Collected: 07/29/26 09:32**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-2
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-2-1.75
**Date Collected: 07/29/26 09:32**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-2
**Matrix: Solid**
**Percent Solids: 95.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 16:10 |

## Client Sample ID: SB-3-2
**Date Collected: 07/29/26 09:55**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-3
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-3-2
**Date Collected: 07/29/26 09:55**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-3
**Matrix: Solid**
**Percent Solids: 83.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 18:16 |

## Client Sample ID: SB-4-1.75
**Date Collected: 07/29/26 10:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-4
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

# Lab Chronicle

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Client Sample ID: SB-4-1.75
**Date Collected: 07/29/26 10:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-4
**Matrix: Solid**
**Percent Solids: 81.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 18:26 |

## Client Sample ID: SB-5-2
**Date Collected: 07/29/26 10:15**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-5
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-5-2
**Date Collected: 07/29/26 10:15**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-5
**Matrix: Solid**
**Percent Solids: 83.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 18:37 |

## Client Sample ID: SB-6-2
**Date Collected: 07/29/26 10:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-6
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-6-2
**Date Collected: 07/29/26 10:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-6
**Matrix: Solid**
**Percent Solids: 82.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 18:47 |

## Client Sample ID: SB-7-2
**Date Collected: 07/29/26 10:42**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-7
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

# Lab Chronicle

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Client Sample ID: SB-7-2
**Date Collected: 07/29/26 10:42**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-7
**Matrix: Solid**
**Percent Solids: 84.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 864304 | WFC6 | ELLE | 08/06/26 17:40 |
| Total/NA | Analysis | 8260D | | 50 | 865595 | WJ7F | ELLE | 08/10/26 19:47 |
| Total/NA | Prep | 3546 | | | 866650 | W2AM | ELLE | 08/11/26 16:37 |
| Total/NA | Analysis | 8270E | | 1 | 866890 | D7UM | ELLE | 08/12/26 12:06 |
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 10 | 864707 | M6UH | ELLE | 08/07/26 18:58 |

## Client Sample ID: SB-8-1
**Date Collected: 07/29/26 10:50**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-8
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-8-1
**Date Collected: 07/29/26 10:50**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-8
**Matrix: Solid**
**Percent Solids: 89.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 864305 | WFC6 | ELLE | 08/06/26 16:56 |
| Total/NA | Analysis | 8260D | | 1 | 864640 | F2QS | ELLE | 08/07/26 19:55 |
| Total/NA | Prep | 3546 | | | 866650 | W2AM | ELLE | 08/11/26 16:37 |
| Total/NA | Analysis | 8270E | | 1 | 866890 | D7UM | ELLE | 08/12/26 12:30 |
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 19:08 |

## Client Sample ID: SB-9-1.75
**Date Collected: 07/29/26 11:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-9
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-9-1.75
**Date Collected: 07/29/26 11:00**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-9
**Matrix: Solid**
**Percent Solids: 81.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 864305 | WFC6 | ELLE | 08/06/26 16:56 |
| Total/NA | Analysis | 8260D | | 1 | 864640 | F2QS | ELLE | 08/07/26 19:32 |
| Total/NA | Prep | 5035 | RA | | 864305 | WFC6 | ELLE | 08/06/26 16:56 |
| Total/NA | Analysis | 8260D | RA | 1 | 865374 | F2QS | ELLE | 08/10/26 00:55 |
| Total/NA | Prep | 3546 | | | 864351 | ED6W | ELLE | 08/06/26 17:21 |
| Total/NA | Analysis | 8270E | | 1 | 865943 | D7UM | ELLE | 08/11/26 04:08 |
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 19:19 |

# Lab Chronicle

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Client Sample ID: SB-10-1.75
**Date Collected: 07/29/26 11:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-10
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:54 |

## Client Sample ID: SB-10-1.75
**Date Collected: 07/29/26 11:25**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-10
**Matrix: Solid**
**Percent Solids: 86.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 864304 | WFC6 | ELLE | 08/06/26 17:40 |
| Total/NA | Analysis | 8260D | | 50 | 866777 | S8BP | ELLE | 08/12/26 02:30 |
| Total/NA | Prep | 3546 | | | 866650 | W2AM | ELLE | 08/11/26 16:37 |
| Total/NA | Analysis | 8270E | | 10 | 866890 | D7UM | ELLE | 08/12/26 12:55 |
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 19:29 |

## Client Sample ID: SB-11-1.75
**Date Collected: 07/29/26 11:35**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-11
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 861359 | VGDO | ELLE | 08/01/26 07:56 |

## Client Sample ID: SB-11-1.75
**Date Collected: 07/29/26 11:35**
**Date Received: 07/30/26 14:50**

## Lab Sample ID: 410-297812-11
**Matrix: Solid**
**Percent Solids: 88.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 864304 | WFC6 | ELLE | 08/06/26 17:40 |
| Total/NA | Analysis | 8260D | | 50 | 867759 | WJ7F | ELLE | 08/13/26 13:25 |
| Total/NA | Prep | 3546 | | | 864351 | ED6W | ELLE | 08/06/26 17:21 |
| Total/NA | Analysis | 8270E | | 10 | 865943 | D7UM | ELLE | 08/11/26 04:59 |
| Total/NA | Prep | 3546 | | | 863885 | YAX3 | ELLE | 08/06/26 07:42 |
| Total/NA | Analysis | 8082A | | 1 | 864707 | M6UH | ELLE | 08/07/26 19:40 |

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Pennsylvania | NELAP | 36-00037 | 01-31-27 |

The following analytes are included in this report, but the laboratory is not certified by Pennsylvania NELAP 36-00037. This list may include analytes for which the agency does not offer certification:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| Moisture | | Solid | Percent Moisture |

# Method Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | ELLE |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | ELLE |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | ELLE |
| Moisture | Percent Moisture | EPA | ELLE |
| 3546 | Microwave Extraction | SW846 | ELLE |
| 5035 | Closed System Purge and Trap | SW846 | ELLE |

**Protocol References:**

EPA = US Environmental Protection Agency

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

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Sample Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297812-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 410-297812-1 | SB-1-2 | Solid | 07/29/26 09:30 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-2 | SB-2-1.75 | Solid | 07/29/26 09:32 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-3 | SB-3-2 | Solid | 07/29/26 09:55 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-4 | SB-4-1.75 | Solid | 07/29/26 10:00 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-5 | SB-5-2 | Solid | 07/29/26 10:15 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-6 | SB-6-2 | Solid | 07/29/26 10:25 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-7 | SB-7-2 | Solid | 07/29/26 10:42 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-8 | SB-8-1 | Solid | 07/29/26 10:50 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-9 | SB-9-1.75 | Solid | 07/29/26 11:00 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-10 | SB-10-1.75 | Solid | 07/29/26 11:25 | 07/30/26 14:50 | Pennsylvania |
| 410-297812-11 | SB-11-1.75 | Solid | 07/29/26 11:35 | 07/30/26 14:50 | Pennsylvania |



410-297812 Chain of Custody

ironme

# Chain of Custody Record

eurofins | Environment Testing

| | | | | |
|---|---|---|---|---|
| Client Contact: Alexander Chipman | Sampler: Will Fernandez | Lab PM: Siddall, Emily | Carrier Tracking No(s): | COC No: 410-203263-55754.1 |
| Company: ARM Group, Inc. | Phone: 267 324 5541 | E-Mail: Emily.Siddall@et.eurofinsus.com | State of Origin: PA | Page: Page ~~1 of 5~~ |
| Address: 515 S. Franklin Street | PWSID: | Analysis Requested | | Job #: |
| City: West Chester | Due Date Requested: Std | | | |
| State, Zip: PA, 19382 | TAT Requested (days): 10-day | | | |
| Phone: 610-692-5770(Tel) | Compliance Project: Δ Yes (Δ No) | | | |
| Email: achipman@armgroup.net | PO #: 26011098.01 | | | |
| Project Name: 1001 Kimberton Road | WO #: | | | |
| Site: | Project #: 41000217 | | | |
| | SSOW#: | | | |

Preservation Codes:
N - None
F - MeOH
HA - AscbAcd&HCL
S - H2SO4
D - HNO3
R - NaThioSO4
A - HCL

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8082A - Extended PCB List | 8270E - 16 PAHs | 8260D - TCL VOCs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | |
| SB-1-2 | 7/29/26 | 930 | G | S | | | X | | | 1 | |
| SB-2-1.75 | | 932 | | | | | X | | | 1 | |
| SB-3-2 | | 955 | | | | | X | | | 1 | |
| SB-4-1.75 | | 1000 | | | | | X | | | 1 | |
| SB-5-2 | | 1015 | | | | | X | | | 1 | |
| SB-6-2 | | 1025 | | | | | X | | | 1 | |
| SB-7-2 | | 1042 | | | | | X | X | X | 5 | |
| SB-8-1 | | 1050 | | | | | X | X | X | 5 | |
| SB-9-1.75 | | 1100 | | | | | X | X | X | 5 | |
| SB-10-1.75 | | 1125 | | | | | X | X | X | 5 | |
| SB-11-1.75 | | 1135 | | | | | X | X | X | 5 | |

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| | | | |
|---|---|---|---|
| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
| Relinquished by: [signature] | Date/Time: 7/29/26 1320 | Company: ARM | Received by: ARM Courier | Date/Time: 7/29/26 1320 | Company: ARM |
| Relinquished by: ARM Courier | Date/Time: 7/30/26 0805 | Company: ARM | Received by: [signature] | Date/Time: 7/30/26 0805 | Company: ECLE |
| Relinquished by: [signature] | Date/Time: 7/30/26 1450 | Company: ECLE | Received by: [signature] | Date/Time: 7/30/26 1450 | Company: ECLE |
| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: 2.1-1.2 | C:0-G | |

# Login Sample Receipt Checklist

Client: ARM Group, Inc.

Job Number: 410-297812-1

**Login Number: 297812**
**List Number: 1**
**Creator: Arroyo, Haley**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

| Question | Answer | Comment |
|---|---|---|
| The cooler's custody seal is intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen). | True | |
| Cooler Temperature is recorded. | True | |
| WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen). | N/A | |
| WV:  Container Temperature is recorded. | N/A | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | False | Refer to Job Narrative for details. |
| There are no discrepancies between the containers received and the COC. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses. | True | |
| Is the Field Sampler's name present on COC? | True | |
| Sample custody seals are intact. | N/A | |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)? | N/A | |

| LAB# | 612137 |
|---|---|

**BRANDYWINE SCIENCE CENTER INC.**
**204 LINE ROAD**
**KENNETT SQUARE, PA 19348**
**PA DEP # 15-00301**
**(610) 444-9850**

**DE HSS # PA00152**
**MD DEP # 372**
**610 444 9850**

| | | | | | |
|---|---|---|---|---|---|
| **ORIGIN OF SAMPLE** | **NAME** | West Pikeland Township | | | **ARM Group** |
| | **ADDRESS** | 1001 Kimberton Road | | | |
| | **CITY/STATE** | Chester Springs, PA | | | |
| | | | | | |
| **Sample Source** | **Location** | MW supply well | **SAMPLE INFORMATION** | **SAMPLE DATE** | 7/30/2026 |
| | **Well** | x | | **SAMPLE TIME** | 10:15 |
| **SAMPLE COLLECTED BY** | **LAB STAFF** | | | **DATE RECEIVED** | 7/30/2026 |
| | **OTHER** | Sean Woods | | **TIME RECEIVED** | 11:57 |
| | | | | **DATE OF REPORT** | 7/31/2026 |

| BACTERIAL ANALYSIS | RESULT | Maximum Contaminant Level | UNITS | METHOD | ANALYZED DATE TIME |
|---|---|---|---|---|---|
| TOTAL COLIFORM * | 109.2 | Less than 1 | MPN | SM 9223 B | 7/30/2026 15:00 |
| *E.COLI.* | 2.1 | Less than 1 | MPN | SM 9223 B | 7/30/2026 15:00 |

**REMARKS:**

*This water is not considered potable bacterially, at this time.

*This water does not meet EPA, DEP Standards for Coliform Bacteria.

Henry D. Clemens III

**Henry D. Clemens III**
**Laboratory Director**

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Doug Schott
ARM Group, Inc.
515 S. Franklin Street
West Chester, Pennsylvania 19382

Generated 8/14/2026 3:28:43 PM

## JOB DESCRIPTION

1001 Kimberton Road

## JOB NUMBER

410-297935-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

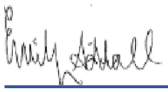
See page two for job notes and contact information.

## Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated
8/14/2026 3:28:43 PM

Authorized for release by
Emily Siddall, Principal Project Manager
Emily.Siddall@et.eurofinsus.com
(717)656-2300

## Compliance Statement

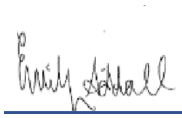
Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| ^c | CCV Recovery is outside acceptance limits. |
| cn | Refer to Case Narrative for further detail |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| cn | Refer to Case Narrative for further detail |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| ! | Laboratory is not accredited for this parameter. |
| HF | Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## Glossary

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

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| TNTC | Too Numerous To Count |

## Job ID: 410-297935-1 — Eurofins Lancaster Laboratories Environment

**Job Narrative**
**410-297935-1**

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

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

**Receipt**
The samples were received on 7/31/2026 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

**Receipt Exceptions**
A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC). This does not meet regulatory requirements.

**GC/MS VOA**
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-866909 recovered above the upper control limit for Carbon disulfide. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

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

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

**Metals**
Method 200.8 Rev 5.4: Splitting - pH metals - The reference method permits samples to be preserved to a pH of <2 after receipt. Sample Supply Well (410-297935-1) were received with insufficient preservation. The sample(s) were preserved to the appropriate pH in the laboratory.

Method 200.8: Splitting - pH metals - The reference method permits samples to be preserved to a pH of <2 after receipt. Sample Supply Well (410-297935-1) were received with insufficient preservation. The sample(s) were preserved to the appropriate pH in the laboratory.

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

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

# Detection Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297935-1

## Client Sample ID: Supply Well — Lab Sample ID: 410-297935-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, Nitrate | 0.65 | | 0.10 | 0.050 | mg/L | 1 | | EPA 300.0 R2.1 | Total/NA |
| Iron | 2100 | cn | 100 | 17 | ug/L | 1 | | 200.8 Rev 5.4 | Total/NA |
| Manganese | 160 | cn | 2.0 | 1.8 | ug/L | 1 | | 200.8 Rev 5.4 | Total/NA |
| Turbidity | 6.5 | | 1.0 | 1.0 | NTU | 1 | | 180.1 | Total/NA |
| Total Dissolved Solids | 65 | | 10 | 5.0 | mg/L | 1 | | 2540C - 2015 | Total/NA |
| Nitrate as N | 0.68 | | 0.10 | 0.040 | mg/L | 1 | | 353.2 | Total/NA |
| pH | 7.0 | HF | 0.01 | 0.01 | S.U. | 1 | | 4500 H+ B-2011 | Total/NA |
| Temperature | 23.4 | HF | 0.01 | 0.01 | Degrees C | 1 | | 4500 H+ B-2011 | Total/NA |

## Client Sample ID: Supply Well — Lab Sample ID: 410-297935-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]anthracene | 0.030 | J | 0.050 | 0.020 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[a]pyrene | 0.038 | J | 0.050 | 0.020 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.064 | | 0.050 | 0.020 | ug/L | 1 | | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.026 | J | 0.050 | 0.020 | ug/L | 1 | | 8270E | Total/NA |
| Fluoranthene | 0.068 | J | 0.12 | 0.058 | ug/L | 1 | | 8270E | Total/NA |
| Pyrene | 0.067 | J | 0.12 | 0.058 | ug/L | 1 | | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

**Client Sample ID: Supply Well**
**Date Collected: 07/30/26 10:15**
**Date Received: 07/31/26 14:10**

**Lab Sample ID: 410-297935-1**
**Matrix: Drinking Water**

### Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| m&p-Xylene | ND | | 1.0 | 0.20 | ug/L | | | 08/04/26 19:54 | 1 |
| o-Xylene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:54 | 1 |
| Vinyl chloride | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,1-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Methylene Chloride | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Carbon tetrachloride | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Benzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,2-Dichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Trichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,2-Dichloropropane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Toluene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Ethylbenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Styrene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Chlorobenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |
| Xylene (total) | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichlorobenzene-d4 (Surr)* | *98* | | *80 - 120* | | *08/04/26 19:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | | *08/04/26 19:54* | *1* |

### Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Nitrogen, Nitrate** | **0.65** | | 0.10 | 0.050 | mg/L | | | 07/31/26 20:10 | 1 |

### Method: EPA 200.8 Rev 5.4 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | cn | 5.0 | 1.9 | ug/L | | | 08/14/26 10:05 | 1 |
| **Iron** | **2100** | **cn** | 100 | 17 | ug/L | | | 08/14/26 10:05 | 1 |
| **Manganese** | **160** | **cn** | 2.0 | 1.8 | ug/L | | | 08/14/26 10:05 | 1 |

### Method: EPA 200.8 - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | cn | 1.0 | 0.67 | ug/L | | | 08/14/26 11:30 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Turbidity (EPA 180.1)** | **6.5** | | 1.0 | 1.0 | NTU | | | 07/31/26 19:37 | 1 |
| **Total Dissolved Solids (SM 2540C - 2015)** | **65** | | 10 | 5.0 | mg/L | | | 08/03/26 12:59 | 1 |
| **Nitrate as N (EPA 353.2)** | **0.68** | | 0.10 | 0.040 | mg/L | | | 08/01/26 00:13 | 1 |
| Residual Chlorine (SM 4500 Cl F-2011) | ND | HF | 0.20 | 0.060 | mg/L | | | 08/02/26 04:09 | 1 |
| **pH (SM 4500 H+ B-2011)** | **7.0** | **HF** | 0.01 | 0.01 | S.U. | | | 08/06/26 00:30 | 1 |
| **Temperature (SM 4500 H+ B-2011)** | **23.4** | **HF** | 0.01 | 0.01 | Degrees C | | | 08/06/26 00:30 | 1 |

**Client Sample ID: Supply Well**
**Date Collected: 07/30/26 10:15**
**Date Received: 07/31/26 14:10**

**Lab Sample ID: 410-297935-1**
**Matrix: Drinking Water**

### General Chemistry (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| MBAS (SM 5540C - 2011) | ND | ! | 0.12 | 0.040 | mg/L LAS MW320 | | | 08/01/26 03:50 | 1 |

**Client Sample ID: Supply Well**
**Date Collected: 07/30/26 10:15**
**Date Received: 07/31/26 14:10**

**Lab Sample ID: 410-297935-2**
**Matrix: Water**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.68 | ug/L | | | 08/12/26 13:11 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| 2-Butanone | ND | | 10 | 1.0 | ug/L | | | 08/12/26 13:11 | 1 |
| 2-Hexanone | ND | | 10 | 0.85 | ug/L | | | 08/12/26 13:11 | 1 |
| 4-Methyl-2-pentanone | ND | | 10 | 0.50 | ug/L | | | 08/12/26 13:11 | 1 |
| Acetone | ND | | 20 | 0.70 | ug/L | | | 08/12/26 13:11 | 1 |
| Benzene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Dichlorobromomethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| Bromoform | ND | | 4.0 | 1.0 | ug/L | | | 08/12/26 13:11 | 1 |
| Bromomethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Carbon disulfide | ND | ^c cn | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Chloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Chloroform | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Chloromethane | ND | | 2.0 | 0.55 | ug/L | | | 08/12/26 13:11 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.50 | ug/L | | | 08/12/26 13:11 | 1 |
| Cyclohexane | ND | | 5.0 | 1.0 | ug/L | | | 08/12/26 13:11 | 1 |
| Chlorodibromomethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.40 | ug/L | | | 08/12/26 13:11 | 1 |
| Freon 113 | ND | | 10 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Methyl acetate | ND | | 5.0 | 0.60 | ug/L | | | 08/12/26 13:11 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.50 | ug/L | | | 08/12/26 13:11 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Styrene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |

**Client Sample ID: Supply Well**
**Date Collected: 07/30/26 10:15**
**Date Received: 07/31/26 14:10**

**Lab Sample ID: 410-297935-2**
**Matrix: Water**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.0 | 0.70 | ug/L | | | 08/12/26 13:11 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 13:11 | 1 |
| Trichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 13:11 | 1 |
| Xylenes, Total | ND | | 1.0 | 0.40 | ug/L | | | 08/12/26 13:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *80 - 120* | | *08/12/26 13:11* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *80 - 120* | | *08/12/26 13:11* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *80 - 120* | | *08/12/26 13:11* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *80 - 120* | | *08/12/26 13:11* | *1* |

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| 2-Methylnaphthalene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Acenaphthene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Acenaphthylene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Anthracene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Benzo[a]anthracene** | **0.030** | **J** | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Benzo[a]pyrene** | **0.038** | **J** | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Benzo[b]fluoranthene** | **0.064** | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Benzo[k]fluoranthene** | **0.026** | **J** | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Chrysene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Fluoranthene** | **0.068** | **J** | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Fluorene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Naphthalene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| Phenanthrene | ND | | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |
| **Pyrene** | **0.067** | **J** | 0.12 | 0.058 | ug/L | | 08/04/26 16:04 | 08/06/26 05:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *99* | | *48 - 173* | *08/04/26 16:04* | *08/06/26 05:19* | *1* |
| *Nitrobenzene-d5 (Surr)* | *110* | | *50 - 196* | *08/04/26 16:04* | *08/06/26 05:19* | *1* |
| *p-Terphenyl-d14 (Surr)* | *55* | | *23 - 149* | *08/04/26 16:04* | *08/06/26 05:19* | *1* |

# Surrogate Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297935-1

## Method: 524.2 - Volatile Organic Compounds (GC/MS)

**Matrix: Drinking Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | DCZ | BFB |
| Lab Sample ID | Client Sample ID | (80-120) | (80-120) |
| 410-297935-1 | Supply Well | 98 | 102 |
| LCS 410-862783/4 | Lab Control Sample | 98 | 105 |
| MB 410-862783/6 | Method Blank | 98 | 102 |

**Surrogate Legend**

DCZ = 1,2-Dichlorobenzene-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (80-120) | (80-120) | (80-120) | (80-120) |
| 410-297935-2 | Supply Well | 97 | 96 | 103 | 106 |
| LCS 410-866909/4 | Lab Control Sample | 101 | 97 | 101 | 104 |
| MB 410-866909/7 | Method Blank | 97 | 96 | 102 | 103 |

**Surrogate Legend**

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | |
|---|---|---|---|---|
| | | FBP | NBZ | TPHd14 |
| Lab Sample ID | Client Sample ID | (48-173) | (50-196) | (23-149) |
| 410-297935-2 | Supply Well | 99 | 110 | 55 |
| LCS 410-862785/2-A | Lab Control Sample | 97 | 113 | 96 |
| MB 410-862785/1-A | Method Blank | 113 | 107 | 79 |

**Surrogate Legend**

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

## Method: 524.2 - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 410-862783/6**
**Matrix: Drinking Water**
**Analysis Batch: 862783**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| m&p-Xylene | ND | | 1.0 | 0.20 | ug/L | | | 08/04/26 19:07 | 1 |
| o-Xylene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:07 | 1 |
| Vinyl chloride | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,1-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Methylene Chloride | ND | | 0.50 | 0.20 | ug/L | | | 08/04/26 19:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,1,1-Trichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Carbon tetrachloride | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Benzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,2-Dichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Trichloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,2-Dichloropropane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Toluene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Tetrachloroethene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Ethylbenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Styrene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Chlorobenzene | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |
| Xylene (total) | ND | | 0.50 | 0.10 | ug/L | | | 08/04/26 19:07 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichlorobenzene-d4 (Surr)* | *98* | | *80 - 120* | | *08/04/26 19:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *80 - 120* | | *08/04/26 19:07* | *1* |

**Lab Sample ID: LCS 410-862783/4**
**Matrix: Drinking Water**
**Analysis Batch: 862783**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | 5.00 | 5.50 | | ug/L | | 110 | 70 - 130 |
| Dichlorodifluoromethane | 2.00 | 1.91 | | ug/L | | 95 | 70 - 130 |
| 2,2-Dichloropropane | 5.00 | 5.82 | | ug/L | | 116 | 70 - 130 |
| cis-1,2-Dichloroethene | 5.00 | 5.64 | | ug/L | | 113 | 70 - 130 |
| Bromochloromethane | 5.00 | 5.60 | | ug/L | | 112 | 70 - 130 |
| 1,1-Dichloropropene | 5.00 | 5.57 | | ug/L | | 111 | 70 - 130 |
| Dibromomethane | 5.00 | 5.31 | | ug/L | | 106 | 70 - 130 |
| 1,3-Dichloropropane | 5.00 | 5.27 | | ug/L | | 105 | 70 - 130 |
| m&p-Xylene | 10.0 | 10.8 | | ug/L | | 108 | 70 - 130 |
| o-Xylene | 5.00 | 5.44 | | ug/L | | 109 | 70 - 130 |
| Isopropylbenzene | 5.00 | 5.34 | | ug/L | | 107 | 70 - 130 |
| Bromobenzene | 5.00 | 5.30 | | ug/L | | 106 | 70 - 130 |
| N-Propylbenzene | 5.00 | 5.53 | | ug/L | | 111 | 70 - 130 |
| 2-Chlorotoluene | 5.00 | 5.51 | | ug/L | | 110 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 5.00 | 5.40 | | ug/L | | 108 | 70 - 130 |

## Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 410-862783/4**
**Matrix: Drinking Water**
**Analysis Batch: 862783**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4-Chlorotoluene | 5.00 | 5.37 | | ug/L | | 107 | 70 - 130 |
| tert-Butylbenzene | 5.00 | 5.54 | | ug/L | | 111 | 70 - 130 |
| 1,2,4-Trimethylbenzene | 5.00 | 5.57 | | ug/L | | 111 | 70 - 130 |
| sec-Butylbenzene | 5.00 | 5.66 | | ug/L | | 113 | 70 - 130 |
| p-Isopropyltoluene | 5.00 | 5.36 | | ug/L | | 107 | 70 - 130 |
| 1,3-Dichlorobenzene | 5.00 | 5.55 | | ug/L | | 111 | 70 - 130 |
| 1,4-Dichlorobenzene | 5.00 | 5.56 | | ug/L | | 111 | 70 - 130 |
| n-Butylbenzene | 5.00 | 5.27 | | ug/L | | 105 | 70 - 130 |
| 1,2-Dichlorobenzene | 5.00 | 5.38 | | ug/L | | 108 | 70 - 130 |
| 1,2,4-Trichlorobenzene | 5.00 | 5.57 | | ug/L | | 111 | 70 - 130 |
| Hexachlorobutadiene | 5.00 | 5.64 | | ug/L | | 113 | 70 - 130 |
| Naphthalene | 5.00 | 5.08 | | ug/L | | 102 | 70 - 130 |
| 1,2,3-Trichlorobenzene | 5.00 | 5.43 | | ug/L | | 109 | 70 - 130 |
| cis-1,3-Dichloropropene | 5.00 | 5.32 | | ug/L | | 106 | 70 - 130 |
| trans-1,3-Dichloropropene | 5.00 | 5.45 | | ug/L | | 109 | 70 - 130 |
| Chloromethane | 2.00 | 1.84 | | ug/L | | 92 | 70 - 130 |
| Bromomethane | 2.00 | 1.84 | | ug/L | | 92 | 70 - 130 |
| Vinyl chloride | 2.00 | 1.86 | | ug/L | | 93 | 70 - 130 |
| Chloroethane | 2.00 | 1.95 | | ug/L | | 98 | 70 - 130 |
| Trichlorofluoromethane | 2.00 | 1.90 | | ug/L | | 95 | 70 - 130 |
| 1,1-Dichloroethene | 5.00 | 5.84 | | ug/L | | 117 | 70 - 130 |
| Methylene Chloride | 5.00 | 5.22 | | ug/L | | 104 | 70 - 130 |
| trans-1,2-Dichloroethene | 5.00 | 5.35 | | ug/L | | 107 | 70 - 130 |
| 1,1-Dichloroethane | 5.00 | 5.29 | | ug/L | | 106 | 70 - 130 |
| Chloroform | 5.00 | 5.52 | | ug/L | | 110 | 70 - 130 |
| 1,1,1-Trichloroethane | 5.00 | 5.95 | | ug/L | | 119 | 70 - 130 |
| Carbon tetrachloride | 5.00 | 6.37 | | ug/L | | 127 | 70 - 130 |
| Benzene | 5.00 | 5.43 | | ug/L | | 109 | 70 - 130 |
| 1,2-Dichloroethane | 5.00 | 5.44 | | ug/L | | 109 | 70 - 130 |
| Trichloroethene | 5.00 | 5.49 | | ug/L | | 110 | 70 - 130 |
| 1,2-Dichloropropane | 5.00 | 5.45 | | ug/L | | 109 | 70 - 130 |
| Dichlorobromomethane | 5.00 | 5.61 | | ug/L | | 112 | 70 - 130 |
| Toluene | 5.00 | 5.47 | | ug/L | | 109 | 70 - 130 |
| 1,1,2-Trichloroethane | 5.00 | 5.37 | | ug/L | | 107 | 70 - 130 |
| Tetrachloroethene | 5.00 | 5.70 | | ug/L | | 114 | 70 - 130 |
| Chlorodibromomethane | 5.00 | 5.70 | | ug/L | | 114 | 70 - 130 |
| Ethylbenzene | 5.00 | 5.39 | | ug/L | | 108 | 70 - 130 |
| Bromoform | 5.00 | 5.99 | | ug/L | | 120 | 70 - 130 |
| Styrene | 5.00 | 5.45 | | ug/L | | 109 | 70 - 130 |
| 1,1,2,2-Tetrachloroethane | 5.00 | 5.36 | | ug/L | | 107 | 70 - 130 |
| Methyl tert-butyl ether | 5.00 | 4.70 | | ug/L | | 94 | 70 - 130 |
| Chlorobenzene | 5.00 | 5.51 | | ug/L | | 110 | 70 - 130 |
| 1,2,3-Trichloropropane | 5.00 | 5.01 | | ug/L | | 100 | 70 - 130 |
| Xylene (total) | 15.0 | 16.2 | | ug/L | | 108 | 70 - 130 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichlorobenzene-d4 (Surr)* | *98* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *105* | | *80 - 120* |

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 410-866909/7**
**Matrix: Water**
**Analysis Batch: 866909**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.68 | ug/L | | | 08/12/26 11:34 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| 2-Butanone | ND | | 10 | 1.0 | ug/L | | | 08/12/26 11:34 | 1 |
| 2-Hexanone | ND | | 10 | 0.85 | ug/L | | | 08/12/26 11:34 | 1 |
| 4-Methyl-2-pentanone | ND | | 10 | 0.50 | ug/L | | | 08/12/26 11:34 | 1 |
| Acetone | ND | | 20 | 0.70 | ug/L | | | 08/12/26 11:34 | 1 |
| Benzene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Dichlorobromomethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| Bromoform | ND | | 4.0 | 1.0 | ug/L | | | 08/12/26 11:34 | 1 |
| Bromomethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Carbon disulfide | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Chloroethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Chloroform | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Chloromethane | ND | | 2.0 | 0.55 | ug/L | | | 08/12/26 11:34 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.50 | ug/L | | | 08/12/26 11:34 | 1 |
| Cyclohexane | ND | | 5.0 | 1.0 | ug/L | | | 08/12/26 11:34 | 1 |
| Chlorodibromomethane | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.40 | ug/L | | | 08/12/26 11:34 | 1 |
| Freon 113 | ND | | 10 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Methyl acetate | ND | | 5.0 | 0.60 | ug/L | | | 08/12/26 11:34 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.50 | ug/L | | | 08/12/26 11:34 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Styrene | ND | | 5.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Toluene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.0 | 0.70 | ug/L | | | 08/12/26 11:34 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.20 | ug/L | | | 08/12/26 11:34 | 1 |
| Trichloroethene | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.30 | ug/L | | | 08/12/26 11:34 | 1 |
| Xylenes, Total | ND | | 1.0 | 0.40 | ug/L | | | 08/12/26 11:34 | 1 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 410-866909/7**
**Matrix: Water**
**Analysis Batch: 866909**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 80 - 120 | | 08/12/26 11:34 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 80 - 120 | | 08/12/26 11:34 | 1 |
| Dibromofluoromethane (Surr) | 102 | | 80 - 120 | | 08/12/26 11:34 | 1 |
| Toluene-d8 (Surr) | 103 | | 80 - 120 | | 08/12/26 11:34 | 1 |

**Lab Sample ID: LCS 410-866909/4**
**Matrix: Water**
**Analysis Batch: 866909**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 22.6 | | ug/L | | 113 | 73 - 120 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 22.5 | | ug/L | | 113 | 72 - 127 |
| 1,1,2-Trichloroethane | 20.0 | 21.9 | | ug/L | | 110 | 80 - 120 |
| 1,1-Dichloroethane | 20.0 | 24.3 | | ug/L | | 121 | 80 - 126 |
| 1,1-Dichloroethene | 20.0 | 24.9 | | ug/L | | 124 | 80 - 131 |
| 1,2,4-Trichlorobenzene | 20.0 | 21.6 | | ug/L | | 108 | 63 - 127 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 21.0 | | ug/L | | 105 | 60 - 120 |
| 1,2-Dibromoethane | 20.0 | 21.2 | | ug/L | | 106 | 77 - 120 |
| 1,2-Dichlorobenzene | 20.0 | 22.1 | | ug/L | | 111 | 80 - 120 |
| 1,2-Dichloroethane | 20.0 | 22.9 | | ug/L | | 114 | 73 - 124 |
| 1,2-Dichloropropane | 20.0 | 21.9 | | ug/L | | 109 | 80 - 120 |
| 1,3-Dichlorobenzene | 20.0 | 21.8 | | ug/L | | 109 | 80 - 120 |
| 1,4-Dichlorobenzene | 20.0 | 21.9 | | ug/L | | 110 | 80 - 120 |
| 2-Butanone | 250 | 272 | | ug/L | | 109 | 59 - 135 |
| 2-Hexanone | 250 | 272 | | ug/L | | 109 | 56 - 143 |
| 4-Methyl-2-pentanone | 250 | 261 | | ug/L | | 105 | 62 - 133 |
| Acetone | 250 | 261 | | ug/L | | 105 | 57 - 150 |
| Benzene | 20.0 | 22.3 | | ug/L | | 112 | 80 - 120 |
| Dichlorobromomethane | 20.0 | 21.5 | | ug/L | | 107 | 71 - 120 |
| Bromoform | 20.0 | 18.8 | | ug/L | | 94 | 63 - 128 |
| Bromomethane | 20.0 | 19.7 | | ug/L | | 99 | 61 - 128 |
| Carbon disulfide | 20.0 | 26.7 | | ug/L | | 134 | 55 - 139 |
| Carbon tetrachloride | 20.0 | 22.2 | | ug/L | | 111 | 64 - 134 |
| Chlorobenzene | 20.0 | 22.6 | | ug/L | | 113 | 80 - 120 |
| Chloroethane | 20.0 | 19.5 | | ug/L | | 97 | 67 - 123 |
| Chloroform | 20.0 | 21.9 | | ug/L | | 109 | 72 - 120 |
| Chloromethane | 20.0 | 17.5 | | ug/L | | 87 | 48 - 134 |
| cis-1,2-Dichloroethene | 20.0 | 21.9 | | ug/L | | 110 | 80 - 125 |
| cis-1,3-Dichloropropene | 20.0 | 20.2 | | ug/L | | 101 | 75 - 120 |
| Cyclohexane | 20.0 | 21.8 | | ug/L | | 109 | 60 - 126 |
| Chlorodibromomethane | 20.0 | 21.2 | | ug/L | | 106 | 71 - 120 |
| Dichlorodifluoromethane | 20.0 | 17.5 | | ug/L | | 87 | 40 - 127 |
| Ethylbenzene | 20.0 | 22.0 | | ug/L | | 110 | 80 - 120 |
| Freon 113 | 20.0 | 21.1 | | ug/L | | 106 | 57 - 122 |
| Isopropylbenzene | 20.0 | 24.1 | | ug/L | | 120 | 80 - 132 |
| Methyl acetate | 20.0 | 24.6 | | ug/L | | 123 | 55 - 157 |
| Methyl tert-butyl ether | 20.0 | 19.5 | | ug/L | | 98 | 69 - 122 |
| Methylcyclohexane | 20.0 | 22.2 | | ug/L | | 111 | 60 - 121 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 410-866909/4**
**Matrix: Water**
**Analysis Batch: 866909**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Methylene Chloride | 20.0 | 22.4 | | ug/L | | 112 | 80 - 120 |
| Styrene | 20.0 | 21.6 | | ug/L | | 108 | 80 - 120 |
| Tetrachloroethene | 20.0 | 21.7 | | ug/L | | 109 | 80 - 120 |
| Toluene | 20.0 | 21.9 | | ug/L | | 110 | 80 - 120 |
| trans-1,2-Dichloroethene | 20.0 | 24.3 | | ug/L | | 121 | 80 - 126 |
| trans-1,3-Dichloropropene | 20.0 | 21.0 | | ug/L | | 105 | 67 - 120 |
| Trichloroethene | 20.0 | 22.0 | | ug/L | | 110 | 80 - 120 |
| Trichlorofluoromethane | 20.0 | 18.2 | | ug/L | | 91 | 57 - 120 |
| Vinyl chloride | 20.0 | 18.2 | | ug/L | | 91 | 56 - 120 |
| Xylenes, Total | 60.0 | 64.3 | | ug/L | | 107 | 80 - 120 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *80 - 120* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *80 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *80 - 120* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

**Lab Sample ID: MB 410-862785/1-A**
**Matrix: Water**
**Analysis Batch: 863376**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 862785**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| 2-Methylnaphthalene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Acenaphthene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Acenaphthylene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Anthracene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Benzo[a]anthracene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Benzo[a]pyrene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Benzo[b]fluoranthene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Benzo[g,h,i]perylene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Benzo[k]fluoranthene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Chrysene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Dibenz(a,h)anthracene | ND | | 0.050 | 0.020 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Fluoranthene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Fluorene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Indeno[1,2,3-cd]pyrene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Naphthalene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Phenanthrene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |
| Pyrene | ND | | 0.12 | 0.057 | ug/L | | 08/04/26 16:04 | 08/05/26 12:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *113* | | *48 - 173* | *08/04/26 16:04* | *08/05/26 12:49* | *1* |
| *Nitrobenzene-d5 (Surr)* | *107* | | *50 - 196* | *08/04/26 16:04* | *08/05/26 12:49* | *1* |
| *p-Terphenyl-d14 (Surr)* | *79* | | *23 - 149* | *08/04/26 16:04* | *08/05/26 12:49* | *1* |

## Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

**Lab Sample ID: LCS 410-862785/2-A**
**Matrix: Water**
**Analysis Batch: 863376**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 862785**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | | 5.71 | 4.58 | | ug/L | | 80 | 29 - 155 | | |
| 2-Methylnaphthalene | | | 5.71 | 4.32 | | ug/L | | 76 | 32 - 150 | | |
| Acenaphthene | | | 5.71 | 5.50 | | ug/L | | 96 | 52 - 161 | | |
| Acenaphthylene | | | 5.71 | 5.34 | | ug/L | | 93 | 56 - 166 | | |
| Anthracene | | | 5.71 | 5.44 | | ug/L | | 95 | 57 - 153 | | |
| Benzo[a]anthracene | | | 5.71 | 6.69 | | ug/L | | 117 | 70 - 164 | | |
| Benzo[a]pyrene | | | 5.71 | 6.27 | | ug/L | | 110 | 68 - 156 | | |
| Benzo[b]fluoranthene | | | 5.71 | 5.80 | | ug/L | | 101 | 62 - 151 | | |
| Benzo[g,h,i]perylene | | | 5.71 | 6.69 | | ug/L | | 117 | 65 - 156 | | |
| Benzo[k]fluoranthene | | | 5.71 | 6.37 | | ug/L | | 111 | 60 - 167 | | |
| Chrysene | | | 5.71 | 6.91 | | ug/L | | 121 | 66 - 174 | | |
| Dibenz(a,h)anthracene | | | 5.71 | 6.59 | | ug/L | | 115 | 73 - 163 | | |
| Fluoranthene | | | 5.71 | 5.52 | | ug/L | | 97 | 72 - 153 | | |
| Fluorene | | | 5.71 | 5.40 | | ug/L | | 94 | 55 - 157 | | |
| Indeno[1,2,3-cd]pyrene | | | 5.71 | 5.76 | | ug/L | | 101 | 73 - 154 | | |
| Naphthalene | | | 5.71 | 4.73 | | ug/L | | 83 | 39 - 153 | | |
| Phenanthrene | | | 5.71 | 5.36 | | ug/L | | 94 | 61 - 151 | | |
| Pyrene | | | 5.71 | 5.70 | | ug/L | | 100 | 66 - 158 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorobiphenyl (Surr)* | *97* | | *48 - 173* |
| *Nitrobenzene-d5 (Surr)* | *113* | | *50 - 196* |
| *p-Terphenyl-d14 (Surr)* | *96* | | *23 - 149* |

## Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

**Lab Sample ID: MB 410-860917/62**
**Matrix: Drinking Water**
**Analysis Batch: 860917**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, Nitrate | ND | | 0.10 | 0.050 | mg/L | | | 07/31/26 10:44 | 1 |

**Lab Sample ID: LCS 410-860917/63**
**Matrix: Drinking Water**
**Analysis Batch: 860917**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, Nitrate | | | 3.00 | 2.93 | | mg/L | | 98 | 90 - 110 | | |

**Lab Sample ID: LCSD 410-860917/64**
**Matrix: Drinking Water**
**Analysis Batch: 860917**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, Nitrate | | | 3.00 | 2.93 | | mg/L | | 98 | 90 - 110 | 0 | 20 |

## Method: 200.8 - Metals (ICP/MS)

**Lab Sample ID: 410-297935-1 MS**
**Matrix: Drinking Water**
**Analysis Batch: 868836**

**Client Sample ID: Supply Well**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Lead | ND | cn | 5.00 | 6.42 | | ug/L | | 128 | 70 - 130 |

**Lab Sample ID: 410-297935-1 DU**
**Matrix: Drinking Water**
**Analysis Batch: 868836**

**Client Sample ID: Supply Well**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Lead | ND | cn | ND | | ug/L | | NC | 20 |

## Method: 200.8 Rev 5.4 - Metals (ICP/MS)

**Lab Sample ID: MB 410-868166/1-A**
**Matrix: Drinking Water**
**Analysis Batch: 868709**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 868166**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | | 5.0 | 1.9 | ug/L | | 08/13/26 21:30 | 08/14/26 10:02 | 1 |
| Iron | ND | | 100 | 17 | ug/L | | 08/13/26 21:30 | 08/14/26 10:02 | 1 |
| Manganese | ND | | 2.0 | 1.8 | ug/L | | 08/13/26 21:30 | 08/14/26 10:02 | 1 |

**Lab Sample ID: LCS 410-868166/2-A**
**Matrix: Drinking Water**
**Analysis Batch: 868709**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 868166**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Arsenic | 5.00 | 4.34 | J | ug/L | | 87 | 85 - 115 |
| Iron | 300 | 307 | | ug/L | | 102 | 85 - 115 |
| Manganese | 50.0 | 50.2 | | ug/L | | 100 | 85 - 115 |

**Lab Sample ID: 410-297935-1 MS**
**Matrix: Drinking Water**
**Analysis Batch: 868709**

**Client Sample ID: Supply Well**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | cn | 5.00 | 4.74 | J | ug/L | | 95 | 70 - 130 |
| Iron | 2100 | cn | 300 | 2420 | 4 | ug/L | | 92 | 70 - 130 |
| Manganese | 160 | cn | 50.0 | 221 | | ug/L | | 118 | 70 - 130 |

**Lab Sample ID: 410-297935-1 DU**
**Matrix: Drinking Water**
**Analysis Batch: 868709**

**Client Sample ID: Supply Well**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Arsenic | ND | cn | ND | | ug/L | | NC | 20 |
| Iron | 2100 | cn | 2100 | | ug/L | | 2 | 20 |
| Manganese | 160 | cn | 162 | | ug/L | | 0.08 | 20 |

## Method: 180.1 - Turbidity, Nephelometric

**Lab Sample ID: MB 410-861236/3**
**Matrix: Drinking Water**
**Analysis Batch: 861236**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Turbidity | ND | | 1.0 | 1.0 | NTU | | | 07/31/26 19:37 | 1 |

**Lab Sample ID: LCS 410-861236/4**
**Matrix: Drinking Water**
**Analysis Batch: 861236**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Turbidity | 1.00 | 1.1 | | NTU | | 111 | 85 - 115 |

## Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

**Lab Sample ID: MB 410-861927/1**
**Matrix: Drinking Water**
**Analysis Batch: 861927**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | ND | | 10 | 5.0 | mg/L | | | 08/03/26 12:59 | 1 |

**Lab Sample ID: LCS 410-861927/2**
**Matrix: Drinking Water**
**Analysis Batch: 861927**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 200 | 192 | | mg/L | | 96 | 90 - 110 |

**Lab Sample ID: LCSD 410-861927/3**
**Matrix: Drinking Water**
**Analysis Batch: 861927**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Total Dissolved Solids | 200 | 190 | | mg/L | | 95 | 90 - 110 | 1 | 10 |

## Method: 4500 Cl F-2011 - Chlorine Residual (DPD)

**Lab Sample ID: MB 410-861493/1**
**Matrix: Drinking Water**
**Analysis Batch: 861493**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Residual Chlorine | ND | | 0.20 | 0.060 | mg/L | | | 08/02/26 04:09 | 1 |

**Lab Sample ID: LCS 410-861493/2**
**Matrix: Drinking Water**
**Analysis Batch: 861493**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Residual Chlorine | 1.00 | 1.00 | | mg/L | | 100 | 95 - 105 |

## Method: 4500 Cl F-2011 - Chlorine Residual (DPD) (Continued)

**Lab Sample ID: LCSD 410-861493/3**
**Matrix: Drinking Water**
**Analysis Batch: 861493**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Residual Chlorine | | | 1.00 | 1.00 | | mg/L | | 100 | 95 - 105 | 0 | 10 |

## Method: 4500 H+ B-2011 - pH

**Lab Sample ID: LCS 410-864193/27**
**Matrix: Drinking Water**
**Analysis Batch: 864193**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | | | 7.00 | 7.0 | | S.U. | | 100 | 95 - 105 | | |

**Lab Sample ID: LCS 410-864193/99**
**Matrix: Drinking Water**
**Analysis Batch: 864193**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | | | 7.00 | 7.0 | | S.U. | | 100 | 95 - 105 | | |

**Lab Sample ID: LCSD 410-864193/100**
**Matrix: Drinking Water**
**Analysis Batch: 864193**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | | | 7.00 | 7.0 | | S.U. | | 100 | 95 - 105 | 0 | 3 |

**Lab Sample ID: LCSD 410-864193/28**
**Matrix: Drinking Water**
**Analysis Batch: 864193**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | | | 7.00 | 7.0 | | S.U. | | 99 | 95 - 105 | 0 | 3 |

## Method: 5540C - 2011 - Methlyene Blue Active Substant (MBAS)

**Lab Sample ID: MB 410-861299/3**
**Matrix: Drinking Water**
**Analysis Batch: 861299**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| MBAS | ND | | 0.12 | 0.040 | mg/L LAS MW320 | | | 08/01/26 03:50 | 1 |

**Lab Sample ID: LCS 410-861299/5**
**Matrix: Drinking Water**
**Analysis Batch: 861299**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MBAS | | | 1.00 | 0.946 | | mg/L LAS MW320 | | 95 | 89 - 104 | | |

## Method: 5540C - 2011 - Methlyene Blue Active Substant (MBAS) (Continued)

**Lab Sample ID: LCSD 410-861299/6**
**Matrix: Drinking Water**
**Analysis Batch: 861299**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MBAS | | | 1.00 | 0.964 | | mg/L LAS MW320 | | 96 | 89 - 104 | 2 | 10 |

**Lab Sample ID: MRL 410-861299/4**
**Matrix: Drinking Water**
**Analysis Batch: 861299**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MBAS | | | 0.100 | 0.106 | J | mg/L LAS MW320 | | 106 | 75 - 125 | | |

## GC/MS VOA

### Analysis Batch: 862783

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 524.2 | |
| MB 410-862783/6 | Method Blank | Total/NA | Drinking Water | 524.2 | |
| LCS 410-862783/4 | Lab Control Sample | Total/NA | Drinking Water | 524.2 | |

### Analysis Batch: 866909

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-2 | Supply Well | Total/NA | Water | 8260D | |
| MB 410-866909/7 | Method Blank | Total/NA | Water | 8260D | |
| LCS 410-866909/4 | Lab Control Sample | Total/NA | Water | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 862785

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-2 | Supply Well | Total/NA | Water | 3511 | |
| MB 410-862785/1-A | Method Blank | Total/NA | Water | 3511 | |
| LCS 410-862785/2-A | Lab Control Sample | Total/NA | Water | 3511 | |

### Analysis Batch: 863376

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 410-862785/1-A | Method Blank | Total/NA | Water | 8270E | 862785 |
| LCS 410-862785/2-A | Lab Control Sample | Total/NA | Water | 8270E | 862785 |

### Analysis Batch: 863380

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-2 | Supply Well | Total/NA | Water | 8270E | 862785 |

## HPLC/IC

### Analysis Batch: 860917

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | EPA 300.0 R2.1 | |
| MB 410-860917/62 | Method Blank | Total/NA | Drinking Water | EPA 300.0 R2.1 | |
| LCS 410-860917/63 | Lab Control Sample | Total/NA | Drinking Water | EPA 300.0 R2.1 | |
| LCSD 410-860917/64 | Lab Control Sample Dup | Total/NA | Drinking Water | EPA 300.0 R2.1 | |

## Metals

### Prep Batch: 868166

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 410-868166/1-A | Method Blank | Total/NA | Drinking Water | 200.8 Rev 5.4 | |
| LCS 410-868166/2-A | Lab Control Sample | Total/NA | Drinking Water | 200.8 Rev 5.4 | |

### Analysis Batch: 868709

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 200.8 Rev 5.4 | |
| MB 410-868166/1-A | Method Blank | Total/NA | Drinking Water | 200.8 Rev 5.4 | 868166 |
| LCS 410-868166/2-A | Lab Control Sample | Total/NA | Drinking Water | 200.8 Rev 5.4 | 868166 |
| 410-297935-1 MS | Supply Well | Total/NA | Drinking Water | 200.8 | |
| 410-297935-1 MS | Supply Well | Total/NA | Drinking Water | 200.8 Rev 5.4 | |
| 410-297935-1 DU | Supply Well | Total/NA | Drinking Water | 200.8 | |
| 410-297935-1 DU | Supply Well | Total/NA | Drinking Water | 200.8 Rev 5.4 | |

## Metals

### Analysis Batch: 868836

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 200.8 | |
| LCS 410-868166/2-A | Lab Control Sample | Total/NA | Drinking Water | 200.8 Rev 5.4 | 868166 |
| 410-297935-1 MS | Supply Well | Total/NA | Drinking Water | 200.8 | |
| 410-297935-1 MS | Supply Well | Total/NA | Drinking Water | 200.8 Rev 5.4 | |
| 410-297935-1 DU | Supply Well | Total/NA | Drinking Water | 200.8 | |
| 410-297935-1 DU | Supply Well | Total/NA | Drinking Water | 200.8 Rev 5.4 | |

## General Chemistry

### Analysis Batch: 861236

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 180.1 | |
| MB 410-861236/3 | Method Blank | Total/NA | Drinking Water | 180.1 | |
| LCS 410-861236/4 | Lab Control Sample | Total/NA | Drinking Water | 180.1 | |

### Analysis Batch: 861299

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 5540C - 2011 | |
| MB 410-861299/3 | Method Blank | Total/NA | Drinking Water | 5540C - 2011 | |
| LCS 410-861299/5 | Lab Control Sample | Total/NA | Drinking Water | 5540C - 2011 | |
| LCSD 410-861299/6 | Lab Control Sample Dup | Total/NA | Drinking Water | 5540C - 2011 | |
| MRL 410-861299/4 | Lab Control Sample | Total/NA | Drinking Water | 5540C - 2011 | |

### Analysis Batch: 861493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 4500 Cl F-2011 | |
| MB 410-861493/1 | Method Blank | Total/NA | Drinking Water | 4500 Cl F-2011 | |
| LCS 410-861493/2 | Lab Control Sample | Total/NA | Drinking Water | 4500 Cl F-2011 | |
| LCSD 410-861493/3 | Lab Control Sample Dup | Total/NA | Drinking Water | 4500 Cl F-2011 | |

### Analysis Batch: 861620

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 353.2 | |

### Analysis Batch: 861927

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 2540C - 2015 | |
| MB 410-861927/1 | Method Blank | Total/NA | Drinking Water | 2540C - 2015 | |
| LCS 410-861927/2 | Lab Control Sample | Total/NA | Drinking Water | 2540C - 2015 | |
| LCSD 410-861927/3 | Lab Control Sample Dup | Total/NA | Drinking Water | 2540C - 2015 | |

### Analysis Batch: 864193

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Total/NA | Drinking Water | 4500 H+ B-2011 | |
| LCS 410-864193/27 | Lab Control Sample | Total/NA | Drinking Water | 4500 H+ B-2011 | |
| LCS 410-864193/99 | Lab Control Sample | Total/NA | Drinking Water | 4500 H+ B-2011 | |
| LCSD 410-864193/100 | Lab Control Sample Dup | Total/NA | Drinking Water | 4500 H+ B-2011 | |
| LCSD 410-864193/28 | Lab Control Sample Dup | Total/NA | Drinking Water | 4500 H+ B-2011 | |

# Lab Chronicle

Client: ARM Group, Inc.
Job ID: 410-297935-1
Project/Site: 1001 Kimberton Road

## Client Sample ID: Supply Well
**Lab Sample ID: 410-297935-1**
**Date Collected: 07/30/26 10:15**
**Matrix: Drinking Water**
**Date Received: 07/31/26 14:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 524.2 | | 1 | 862783 | Y6ZN | ELLE | 08/04/26 19:54 |
| Total/NA | Analysis | EPA 300.0 R2.1 | | 1 | 860917 | L4QM | ELLE | 07/31/26 20:10 |
| Total/NA | Analysis | 200.8 | | 1 | 868836 | SAM2 | ELLE | 08/14/26 11:30 |
| Total/NA | Analysis | 200.8 Rev 5.4 | | 1 | 868709 | SAM2 | ELLE | 08/14/26 10:05 |
| Total/NA | Analysis | 180.1 | | 1 | 861236 | DI9Q | ELLE | 07/31/26 19:37 |
| Total/NA | Analysis | 2540C - 2015 | | 1 | 861927 | 39K9 | ELLE | 08/03/26 12:59 - 08/05/26 11:35 [1] |
| Total/NA | Analysis | 353.2 | | 1 | 861620 | USJM | ELLE | 08/01/26 00:13 |
| Total/NA | Analysis | 4500 Cl F-2011 | | 1 | 861493 | UDS7 | ELLE | 08/02/26 04:09 |
| Total/NA | Analysis | 4500 H+ B-2011 | | 1 | 864193 | DI9Q | ELLE | 08/06/26 00:30 |
| Total/NA | Analysis | 5540C - 2011 | | 1 | 861299 | UDS7 | ELLE | 08/01/26 03:50 |

## Client Sample ID: Supply Well
**Lab Sample ID: 410-297935-2**
**Date Collected: 07/30/26 10:15**
**Matrix: Water**
**Date Received: 07/31/26 14:10**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 866909 | PK | ELLE | 08/12/26 13:11 |
| Total/NA | Prep | 3511 | | | 862785 | UBKT | ELLE | 08/04/26 16:04 |
| Total/NA | Analysis | 8270E | | 1 | 863380 | W6ZA | ELLE | 08/06/26 05:19 |

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: ARM Group, Inc.
Job ID: 410-297935-1
Project/Site: 1001 Kimberton Road

## Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Pennsylvania | NELAP | 36-00037 | 01-31-27 |

The following analytes are included in this report, but the laboratory is not certified by Pennsylvania NELAP 36-00037. This list may include analytes for which the agency does not offer certification:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| 5540C - 2011 | | Drinking Water | MBAS |

# Method Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297935-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 524.2 | Volatile Organic Compounds (GC/MS) | EPA-DW | ELLE |
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | ELLE |
| 8270E | Semivolatile Organic Compounds (GC-MS/MS) | SW846 | ELLE |
| EPA 300.0 R2.1 | Anions, Ion Chromatography | EPA | ELLE |
| 200.8 | Metals (ICP/MS) | EPA | ELLE |
| 200.8 Rev 5.4 | Metals (ICP/MS) | EPA | ELLE |
| 180.1 | Turbidity, Nephelometric | EPA | ELLE |
| 2540C - 2015 | Total Dissolved Solids (Dried at 180 °C) | SM | ELLE |
| 353.2 | Nitrate by Calculation | EPA | ELLE |
| 4500 Cl F-2011 | Chlorine Residual (DPD) | SM | ELLE |
| 4500 H+ B-2011 | pH | SM | ELLE |
| 5540C - 2011 | Methlyene Blue Active Substant (MBAS) | SM | ELLE |
| 200.8 | Preparation, Total Metals | EPA | ELLE |
| 200.8 Rev 5.4 | Preparation, Total Metals | EPA | ELLE |
| 3511 | Microextraction of Organic Compounds | SW846 | ELLE |
| 5030C | Purge and Trap | SW846 | ELLE |

**Protocol References:**

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

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

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

**Laboratory References:**

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Sample Summary

Client: ARM Group, Inc.
Project/Site: 1001 Kimberton Road

Job ID: 410-297935-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Sample Origin |
|---|---|---|---|---|---|
| 410-297935-1 | Supply Well | Drinking Water | 07/30/26 10:15 | 07/31/26 14:10 | Pennsylvania |
| 410-297935-2 | Supply Well | Water | 07/30/26 10:15 | 07/31/26 14:10 | Pennsylvania |

**Eurofins Lancaster Laboratories Environme**
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

# Chain of Custody Record

eurofins | Environment Testing

| Client Information | Sampler: Will Fernandez | Lab PM: Siddall, Emily | Carrier Tracking No(s): | COC No: 410-203263-55754.2 |
|---|---|---|---|---|
| Client Contact: Alexander Chipman | Phone: 2679245541 | E-Mail: Emily.Siddall@et.eurofinsus.com | State of Origin: PA | Page: Page ~~2 of 2~~ 1 of 2 |
| Company: ARM Group, Inc. | PWSID: | Analysis Requested | | Job #: |
| Address: 515 S. Franklin Street | Due Date Requested: std. | | | Preservation Codes: N - None; F - MeOH; HA - AscbAcd&HCL; S - H2SO4; D - HNO3; R - NaThioSO4; A - HCL |
| City: West Chester | TAT Requested (days): 10 day | | | |
| State, Zip: PA, 19382 | Compliance Project: Δ Yes Δ (No) | | | |
| Phone: 610-692-5770(Tel) | PO #: 26011098.01 | | | |
| Email: achipman@armgroup.net | WO #: | | | Other: |
| Project Name: 1001 Kimberton Road | Project #: 41000217 | | | |
| Site: | SSOW#: | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 524.2_PFAS_Reg_Compounds-PADEP | 4500-Cl_F | 300_ORGFMS | 353.2-Nitrite | 353.2_Pres | SM4500_H+ | 160.1_DW | 2540C_Calcd | 200.8 | Nitrate_Calc | 200.8_SDWA | 5540C | 8270E_GCMS-18 PAHs | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | | | | | | | | | | |
| Supply Well | 7/30/26 | 1015 | G | DW | | | X | X | X | X | X | X | X | X | X | X | X | X | X | 15 | |

410-297935 Chain of Custody

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological | ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | [signature] | 7/31/26 1430 | ARM | ARM Cold Storage | 7/30/26 1420 | ARM |
| 2 | ARM Cold Storage | 7/31/26 0745 | ARM | [signature] | 7/31/26 0745 | ETL |
| 3 | [signature] | 7/31/26 1410 | ETL | [signature] | 7/31/26 1410 | ETL |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: R 2.6 C 3.1 KR |
|---|---|---|

**Eurofins Lancaster Laboratories Environme**
2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-656-2681

# Chain of Custody Record

eurofins | Environment Testing

| Client Information | Sampler: Will Fernandez | Lab PM: Siddall, Emily | Carrier Tracking No(s): | COC No: 410-196495-27213.1 |
|---|---|---|---|---|
| Client Contact: ~~Paul White~~ Alexander Chipman | Phone: 2678345541 | E-Mail: Emily.Siddall@et.eurofinsus.com | State of Origin: PA | Page: Page ~~1 of~~ 2 of 2 |
| Company: ARM Brickhouse Environmental | PWSID: | Analysis Requested | | Job #: |
| Address: 515 S Franklin Street | Due Date Requested: Std. | | | Preservation Codes: N - None |
| City: West Chester | TAT Requested (days): 10-day | | | |
| State, Zip: PA, 19382 | Compliance Project: Δ Yes (Δ No) | | | |
| Phone: 610-584-0650(Tel) | PO #: Purchase Order not required | | | |
| Email: ~~pwhite@armgroup.net~~ achipman@armgroup.net | WO #: | | | |
| Project Name: ~~Gill Quarries, Inc. Monthly GW sampling~~ 1001 Kimberton Rd | Project #: 41000472 | | | Other: |
| Site: Pennsylvania | SSOW#: | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260D - TCL VOCs 4.3 | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | A | | |
| Supply Well | 7/30/26 | 1015 | G | DW | | | X | 3 | |

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Relinquished by: | Date/Time: 7/30/26 1470 | Company: ARM | Received by: ARM cold storage | Date/Time: 7/30/26 1430 | Company: ARM |
| Relinquished by: ARM cold storage | Date/Time: 7/31/26 0745 | Company: ARM | Received by: | Date/Time: 7/31/26 0745 | Company: ET-L. |
| Relinquished by: | Date/Time: 7/31/26 1410 | Company: ET-L. | Received by: | Date/Time: 7/31/26 1410 | Company: ET-L. |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R 2.6 C 3.1 KR

# Login Sample Receipt Checklist

Client: ARM Group, Inc.

Job Number: 410-297935-1

**Login Number: 297935**
**List Number: 1**
**Creator: Reinheimer, Kathleen M**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

| Question | Answer | Comment |
|---|---|---|
| The cooler's custody seal is intact. | N/A | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen). | True | |
| Cooler Temperature is recorded. | True | |
| WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen). | N/A | |
| WV: Container Temperature is recorded. | N/A | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| There is sufficient vol. for all requested analyses. | True | |
| Is the Field Sampler's name present on COC? | True | |
| Sample custody seals are intact. | N/A | |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)? | False | Headspace greater than 6mm in diameter in some but not all containers |

**Sample Preservation Checks (performed by the laboratory)**

| Question | Answer | Comment |
|---|---|---|
| Did the sample containers checked meet expected preservation conditions? | False | Refer to Job Narrative for details. |

ANALYTICAL REPORT

| | |
|---|---|
| Lab Number: | L2648938 |
| Client: | ARM Group, LLC<br>515 S. Franklin St.<br>West Chester, PA 19382 |
| ATTN: | Ryan Stauffer |
| Phone: | (610) 350-3927 |
| Project Name: | 1001 KIMBERTON RD |
| Project Number: | 26011098.01 |
| Report Date: | 08/04/26 |

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120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

| Lab Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|---|---|---|---|---|---|
| L2648938-01 | SV-1 | SOIL_VAPOR | Not Specified | 07/30/26 10:12 | 07/31/26 |
| L2648938-02 | SV-2 | SOIL_VAPOR | Not Specified | 07/30/26 10:22 | 07/31/26 |
| L2648938-03 | SV-3 | SOIL_VAPOR | Not Specified | 07/30/26 10:27 | 07/31/26 |
| L2648938-04 | SV-4 | SOIL_VAPOR | Not Specified | 07/30/26 11:37 | 07/31/26 |
| L2648938-05 | SV-5 | SOIL_VAPOR | Not Specified | 07/30/26 11:52 | 07/31/26 |
| L2648938-06 | SV-6 | SOIL_VAPOR | Not Specified | 07/30/26 12:11 | 07/31/26 |
| L2648938-07 | UNUSED CAN # 2249 | SOIL_VAPOR | Not Specified | | 07/31/26 |

| | | | |
|---|---|---|---|
| **Project Name:** | 1001 KIMBERTON RD | **Lab Number:** | L2648938 |
| **Project Number:** | 26011098.01 | **Report Date:** | 08/04/26 |

## Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

| | | | |
|---|---|---|---|
| **Project Name:** | 1001 KIMBERTON RD | **Lab Number:** | L2648938 |
| **Project Number:** | 26011098.01 | **Report Date:** | 08/04/26 |

**Case Narrative (continued)**

Volatile Organics in Air

Canisters were released from the laboratory on July 24, 2026. The canister certification data is provided as an addendum.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

L2648938-01D, -02D, -04D, -05D, -06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2648938-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2648938-03D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 08/04/26

# QC OUTLIER SUMMARY REPORT

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

| Method | Client ID (Native ID) | Lab ID | Parameter | QC Type | Recovery/RPD (%) | QC Limits (%) | Associated Samples | Data Quality Assessment |
|---|---|---|---|---|---|---|---|---|

There are no QC Outliers associated with this report.

# AIR

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-01 D
Client ID: SV-1
Sample Location:

Date Collected: 07/30/26 10:12
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/03/26 21:21
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 2.00 | 0.757 | ND | 9.89 | 3.74 | | 10 |
| Chloromethane | 1.63 | 2.00 | 0.576 | 3.37 | 4.13 | 1.19 | J | 10 |
| Vinyl chloride | ND | 2.00 | 0.582 | ND | 5.11 | 1.49 | | 10 |
| 1,3-Butadiene | ND | 2.00 | 0.619 | ND | 4.42 | 1.37 | | 10 |
| Bromomethane | ND | 2.00 | 0.547 | ND | 7.77 | 2.12 | | 10 |
| Chloroethane | ND | 2.00 | 0.649 | ND | 5.28 | 1.71 | | 10 |
| Vinyl bromide | ND | 2.00 | 0.722 | ND | 8.74 | 3.16 | | 10 |
| Acrolein | ND | 5.00 | 1.49 | ND | 11.5 | 3.42 | | 10 |
| Acetone | 116 | 10.0 | 5.15 | 276 | 23.8 | 12.2 | | 10 |
| Trichlorofluoromethane | ND | 2.00 | 0.787 | ND | 11.2 | 4.42 | | 10 |
| Isopropanol | 13.5 | 10.0 | 2.72 | 33.2 | 24.6 | 6.69 | | 10 |
| Acrylonitrile | 8.07 | 5.00 | 0.894 | 17.5 | 10.9 | 1.94 | | 10 |
| 1,1-Dichloroethene | ND | 2.00 | 0.568 | ND | 7.93 | 2.25 | | 10 |
| Methylene chloride | ND | 5.00 | 1.25 | ND | 17.4 | 4.34 | | 10 |
| 3-Chloropropene | ND | 2.00 | 0.860 | ND | 6.26 | 2.69 | | 10 |
| Carbon disulfide | 0.740 | 2.00 | 0.465 | 2.30 | 6.23 | 1.45 | J | 10 |
| Freon-113 | ND | 2.00 | 0.506 | ND | 15.3 | 3.88 | | 10 |
| trans-1,2-Dichloroethene | ND | 2.00 | 0.755 | ND | 7.93 | 2.99 | | 10 |
| 1,1-Dichloroethane | 1.02 | 2.00 | 0.568 | 4.13 | 8.09 | 2.30 | J | 10 |
| Methyl tert butyl ether | ND | 2.00 | 0.450 | ND | 7.21 | 1.62 | | 10 |
| Chloroform | 0.830 | 2.00 | 0.552 | 4.05 | 9.77 | 2.70 | J | 10 |
| Tetrahydrofuran | 2.10 | 5.00 | 1.17 | 6.19 | 14.7 | 3.45 | J | 10 |
| 1,2-Dichloroethane | ND | 2.00 | 0.787 | ND | 8.09 | 3.19 | | 10 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-01 D
Client ID: SV-1
Sample Location:

Date Collected: 07/30/26 10:12
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 13.3 | 2.00 | 0.743 | 46.9 | 7.05 | 2.62 | | 10 |
| 1,1,1-Trichloroethane | ND | 2.00 | 0.614 | ND | 10.9 | 3.35 | | 10 |
| Benzene | 16.2 | 2.00 | 0.643 | 51.8 | 6.39 | 2.05 | | 10 |
| Carbon tetrachloride | ND | 2.00 | 0.686 | ND | 12.6 | 4.32 | | 10 |
| Cyclohexane | 29.0 | 2.00 | 0.728 | 99.8 | 6.88 | 2.51 | | 10 |
| 1,2-Dichloropropane | ND | 2.00 | 0.631 | ND | 9.24 | 2.92 | | 10 |
| Bromodichloromethane | ND | 2.00 | 0.689 | ND | 13.4 | 4.62 | | 10 |
| 1,4-Dioxane | ND | 2.00 | 0.538 | ND | 7.21 | 1.94 | | 10 |
| Trichloroethene | ND | 2.00 | 0.548 | ND | 10.7 | 2.95 | | 10 |
| Methyl Methacrylate | ND | 5.00 | 2.26 | ND | 20.5 | 9.25 | | 10 |
| 4-Methyl-2-pentanone | ND | 5.00 | 1.90 | ND | 20.5 | 7.79 | | 10 |
| Xylenes, Total | 337 | 2.00 | 0.621 | 1460 | 8.69 | 2.70 | | 10 |
| 1,1,2-Trichloroethane | ND | 2.00 | 0.582 | ND | 10.9 | 3.18 | | 10 |
| Toluene | 15.4 | 2.00 | 0.867 | 58.0 | 7.54 | 3.27 | | 10 |
| 1,3-Dichloropropane | ND | 2.00 | 0.536 | ND | 9.24 | 2.48 | | 10 |
| Dibromochloromethane | ND | 2.00 | 0.566 | ND | 17.0 | 4.82 | | 10 |
| 1,2-Dibromoethane | ND | 2.00 | 0.544 | ND | 15.4 | 4.18 | | 10 |
| Tetrachloroethene | 1.17 | 2.00 | 0.627 | 7.93 | 13.6 | 4.25 | J | 10 |
| Chlorobenzene | ND | 2.00 | 0.516 | ND | 9.21 | 2.38 | | 10 |
| Ethylbenzene | 61.2 | 2.00 | 0.575 | 266 | 8.69 | 2.50 | | 10 |
| p/m-Xylene | 174 | 4.00 | 1.25 | 756 | 17.4 | 5.43 | | 10 |
| Bromoform | ND | 2.00 | 0.596 | ND | 20.7 | 6.16 | | 10 |
| Styrene | ND | 2.00 | 0.596 | ND | 8.52 | 2.54 | | 10 |
| 1,1,2,2-Tetrachloroethane | ND | 2.00 | 0.520 | ND | 13.7 | 3.57 | | 10 |
| o-Xylene | 162 | 2.00 | 0.621 | 704 | 8.69 | 2.70 | | 10 |
| Isopropylbenzene | 2.50 | 2.00 | 0.621 | 12.3 | 9.83 | 3.05 | | 10 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-01 D
Client ID: SV-1
Sample Location:

Date Collected: 07/30/26 10:12
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 2.00 | 0.600 | ND | 9.83 | 2.95 | | 10 |
| 1,2,4-Trimethylbenzene | 1.68 | 2.00 | 0.577 | 8.26 | 9.83 | 2.84 | J | 10 |
| Benzyl chloride | ND | 2.00 | 0.939 | ND | 10.4 | 4.86 | | 10 |
| 1,4-Dichlorobenzene | ND | 2.00 | 0.826 | ND | 12.0 | 4.97 | | 10 |
| 1,2-Dichlorobenzene | ND | 2.00 | 0.619 | ND | 12.0 | 3.72 | | 10 |
| 1,2,4-Trichlorobenzene | ND | 2.00 | 1.00 | ND | 14.8 | 7.42 | | 10 |
| Naphthalene | ND | 1.90 | 0.590 | ND | 9.96 | 3.09 | | 10 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 91 | | 60-140 |
| Bromochloromethane | 93 | | 60-140 |
| chlorobenzene-d5 | 116 | | 60-140 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-02 D
Client ID: SV-2
Sample Location:

Date Collected: 07/30/26 10:22
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/03/26 21:57
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | 0.617 | 0.667 | 0.252 | 3.05 | 3.30 | 1.25 | J | 3.333 |
| Chloromethane | 0.706 | 0.667 | 0.192 | 1.46 | 1.38 | 0.396 | | 3.333 |
| Vinyl chloride | ND | 0.667 | 0.194 | ND | 1.71 | 0.496 | | 3.333 |
| 1,3-Butadiene | 4.83 | 0.667 | 0.206 | 10.7 | 1.48 | 0.456 | | 3.333 |
| Bromomethane | ND | 0.667 | 0.182 | ND | 2.59 | 0.707 | | 3.333 |
| Chloroethane | ND | 0.667 | 0.216 | ND | 1.76 | 0.570 | | 3.333 |
| Vinyl bromide | ND | 0.667 | 0.241 | ND | 2.92 | 1.05 | | 3.333 |
| Acrolein | 3.96 | 1.67 | 0.497 | 9.08 | 3.83 | 1.14 | | 3.333 |
| Acetone | 281 | 3.33 | 1.72 | 668 | 7.91 | 4.09 | | 3.333 |
| Trichlorofluoromethane | 0.303 | 0.667 | 0.262 | 1.70 | 3.75 | 1.47 | J | 3.333 |
| Isopropanol | 99.4 | 3.33 | 0.906 | 244 | 8.19 | 2.23 | | 3.333 |
| Acrylonitrile | ND | 1.67 | 0.298 | ND | 3.62 | 0.647 | | 3.333 |
| 1,1-Dichloroethene | ND | 0.667 | 0.189 | ND | 2.64 | 0.749 | | 3.333 |
| Methylene chloride | ND | 1.67 | 0.417 | ND | 5.80 | 1.45 | | 3.333 |
| 3-Chloropropene | ND | 0.667 | 0.287 | ND | 2.09 | 0.898 | | 3.333 |
| Carbon disulfide | 0.853 | 0.667 | 0.155 | 2.66 | 2.08 | 0.483 | | 3.333 |
| Freon-113 | ND | 0.667 | 0.169 | ND | 5.11 | 1.30 | | 3.333 |
| trans-1,2-Dichloroethene | ND | 0.667 | 0.252 | ND | 2.64 | 0.999 | | 3.333 |
| 1,1-Dichloroethane | ND | 0.667 | 0.189 | ND | 2.70 | 0.765 | | 3.333 |
| Methyl tert butyl ether | ND | 0.667 | 0.150 | ND | 2.40 | 0.541 | | 3.333 |
| Chloroform | ND | 0.667 | 0.184 | ND | 3.26 | 0.899 | | 3.333 |
| Tetrahydrofuran | ND | 1.67 | 0.390 | ND | 4.93 | 1.15 | | 3.333 |
| 1,2-Dichloroethane | ND | 0.667 | 0.262 | ND | 2.70 | 1.06 | | 3.333 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-02 D
Client ID: SV-2
Sample Location:

Date Collected: 07/30/26 10:22
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 4.56 | 0.667 | 0.248 | 16.1 | 2.35 | 0.874 | | 3.333 |
| 1,1,1-Trichloroethane | 0.963 | 0.667 | 0.205 | 5.25 | 3.64 | 1.12 | | 3.333 |
| Benzene | 4.77 | 0.667 | 0.214 | 15.2 | 2.13 | 0.684 | | 3.333 |
| Carbon tetrachloride | ND | 0.667 | 0.229 | ND | 4.20 | 1.44 | | 3.333 |
| Cyclohexane | ND | 0.667 | 0.243 | ND | 2.30 | 0.836 | | 3.333 |
| 1,2-Dichloropropane | ND | 0.667 | 0.210 | ND | 3.08 | 0.971 | | 3.333 |
| Bromodichloromethane | ND | 0.667 | 0.230 | ND | 4.47 | 1.54 | | 3.333 |
| 1,4-Dioxane | 10.5 | 0.667 | 0.179 | 37.8 | 2.40 | 0.645 | | 3.333 |
| Trichloroethene | 0.923 | 0.667 | 0.183 | 4.96 | 3.58 | 0.983 | | 3.333 |
| Methyl Methacrylate | ND | 1.67 | 0.753 | ND | 6.84 | 3.08 | | 3.333 |
| 4-Methyl-2-pentanone | 2.03 | 1.67 | 0.633 | 8.32 | 6.84 | 2.59 | | 3.333 |
| Xylenes, Total | 47.4 | 0.667 | 0.207 | 206 | 2.90 | 0.899 | | 3.333 |
| 1,1,2-Trichloroethane | ND | 0.667 | 0.194 | ND | 3.64 | 1.06 | | 3.333 |
| Toluene | 14.5 | 0.667 | 0.289 | 54.6 | 2.51 | 1.09 | | 3.333 |
| 1,3-Dichloropropane | ND | 0.667 | 0.179 | ND | 3.08 | 0.827 | | 3.333 |
| Dibromochloromethane | ND | 0.667 | 0.189 | ND | 5.68 | 1.61 | | 3.333 |
| 1,2-Dibromoethane | ND | 0.667 | 0.181 | ND | 5.13 | 1.39 | | 3.333 |
| Tetrachloroethene | 17.4 | 0.667 | 0.209 | 118 | 4.52 | 1.42 | | 3.333 |
| Chlorobenzene | ND | 0.667 | 0.172 | ND | 3.07 | 0.792 | | 3.333 |
| Ethylbenzene | 7.48 | 0.667 | 0.192 | 32.5 | 2.90 | 0.834 | | 3.333 |
| p/m-Xylene | 34.0 | 1.33 | 0.417 | 148 | 5.78 | 1.81 | | 3.333 |
| Bromoform | ND | 0.667 | 0.199 | ND | 6.90 | 2.06 | | 3.333 |
| Styrene | 2.21 | 0.667 | 0.199 | 9.41 | 2.84 | 0.847 | | 3.333 |
| 1,1,2,2-Tetrachloroethane | ND | 0.667 | 0.173 | ND | 4.58 | 1.19 | | 3.333 |
| o-Xylene | 13.4 | 0.667 | 0.207 | 58.2 | 2.90 | 0.899 | | 3.333 |
| Isopropylbenzene | 0.557 | 0.667 | 0.207 | 2.74 | 3.28 | 1.02 | J | 3.333 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-02 D
Client ID: SV-2
Sample Location:

Date Collected: 07/30/26 10:22
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | 3.79 | 0.667 | 0.200 | 18.6 | 3.28 | 0.983 | | 3.333 |
| 1,2,4-Trimethylbenzene | 14.1 | 0.667 | 0.192 | 69.3 | 3.28 | 0.944 | | 3.333 |
| Benzyl chloride | ND | 0.667 | 0.313 | ND | 3.45 | 1.62 | | 3.333 |
| 1,4-Dichlorobenzene | ND | 0.667 | 0.275 | ND | 4.01 | 1.65 | | 3.333 |
| 1,2-Dichlorobenzene | 0.766 | 0.667 | 0.206 | 4.61 | 4.01 | 1.24 | | 3.333 |
| 1,2,4-Trichlorobenzene | ND | 0.667 | 0.333 | ND | 4.95 | 2.47 | | 3.333 |
| Naphthalene | 7.82 | 0.633 | 0.197 | 41.0 | 3.32 | 1.03 | | 3.333 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 102 | | 60-140 |
| Bromochloromethane | 100 | | 60-140 |
| chlorobenzene-d5 | 102 | | 60-140 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-03 D
Client ID: SV-3
Sample Location:

Date Collected: 07/30/26 10:27
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/03/26 22:34
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 4.47 | 1.69 | ND | 22.1 | 8.36 | | 22.34 |
| Chloromethane | ND | 4.47 | 1.29 | ND | 9.23 | 2.66 | | 22.34 |
| Vinyl chloride | ND | 4.47 | 1.30 | ND | 11.4 | 3.32 | | 22.34 |
| 1,3-Butadiene | 8.49 | 4.47 | 1.38 | 18.8 | 9.89 | 3.05 | | 22.34 |
| Bromomethane | ND | 4.47 | 1.22 | ND | 17.4 | 4.74 | | 22.34 |
| Chloroethane | ND | 4.47 | 1.45 | ND | 11.8 | 3.83 | | 22.34 |
| Vinyl bromide | ND | 4.47 | 1.61 | ND | 19.5 | 7.04 | | 22.34 |
| Acrolein | ND | 11.2 | 3.33 | ND | 25.7 | 7.64 | | 22.34 |
| Acetone | 1740 | 22.3 | 11.5 | 4130 | 53.0 | 27.3 | | 22.34 |
| Trichlorofluoromethane | ND | 4.47 | 1.76 | ND | 25.1 | 9.89 | | 22.34 |
| Isopropanol | 834 | 22.3 | 6.08 | 2050 | 54.8 | 14.9 | | 22.34 |
| Acrylonitrile | ND | 11.2 | 2.00 | ND | 24.3 | 4.34 | | 22.34 |
| 1,1-Dichloroethene | 3.62 | 4.47 | 1.27 | 14.4 | 17.7 | 5.04 | J | 22.34 |
| Methylene chloride | ND | 11.2 | 2.79 | ND | 38.9 | 9.69 | | 22.34 |
| 3-Chloropropene | ND | 4.47 | 1.92 | ND | 14.0 | 6.01 | | 22.34 |
| Carbon disulfide | ND | 4.47 | 1.04 | ND | 13.9 | 3.24 | | 22.34 |
| Freon-113 | ND | 4.47 | 1.13 | ND | 34.3 | 8.66 | | 22.34 |
| trans-1,2-Dichloroethene | ND | 4.47 | 1.69 | ND | 17.7 | 6.70 | | 22.34 |
| 1,1-Dichloroethane | 14.0 | 4.47 | 1.27 | 56.7 | 18.1 | 5.14 | | 22.34 |
| Methyl tert butyl ether | ND | 4.47 | 1.00 | ND | 16.1 | 3.61 | | 22.34 |
| Chloroform | ND | 4.47 | 1.23 | ND | 21.8 | 6.01 | | 22.34 |
| Tetrahydrofuran | ND | 11.2 | 2.61 | ND | 33.0 | 7.70 | | 22.34 |
| 1,2-Dichloroethane | ND | 4.47 | 1.76 | ND | 18.1 | 7.12 | | 22.34 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-03 D
Client ID: SV-3
Sample Location:

Date Collected: 07/30/26 10:27
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 12.7 | 4.47 | 1.66 | 44.8 | 15.8 | 5.85 | | 22.34 |
| 1,1,1-Trichloroethane | 76.5 | 4.47 | 1.37 | 417 | 24.4 | 7.47 | | 22.34 |
| Benzene | 12.8 | 4.47 | 1.44 | 40.9 | 14.3 | 4.60 | | 22.34 |
| Carbon tetrachloride | ND | 4.47 | 1.53 | ND | 28.1 | 9.62 | | 22.34 |
| Cyclohexane | 29.0 | 4.47 | 1.63 | 99.8 | 15.4 | 5.61 | | 22.34 |
| 1,2-Dichloropropane | ND | 4.47 | 1.41 | ND | 20.7 | 6.52 | | 22.34 |
| Bromodichloromethane | ND | 4.47 | 1.54 | ND | 29.9 | 10.3 | | 22.34 |
| 1,4-Dioxane | 30.8 | 4.47 | 1.20 | 111 | 16.1 | 4.32 | | 22.34 |
| Trichloroethene | 1.41 | 4.47 | 1.22 | 7.58 | 24.0 | 6.56 | J | 22.34 |
| Methyl Methacrylate | ND | 11.2 | 5.05 | ND | 45.9 | 20.7 | | 22.34 |
| 4-Methyl-2-pentanone | 27.3 | 11.2 | 4.24 | 112 | 45.9 | 17.4 | | 22.34 |
| Xylenes, Total | 3190 | 4.47 | 1.39 | 13900 | 19.4 | 6.04 | | 22.34 |
| 1,1,2-Trichloroethane | ND | 4.47 | 1.30 | ND | 24.4 | 7.09 | | 22.34 |
| Toluene | 817 | 4.47 | 1.94 | 3080 | 16.8 | 7.31 | | 22.34 |
| 1,3-Dichloropropane | ND | 4.47 | 1.20 | ND | 20.7 | 5.55 | | 22.34 |
| Dibromochloromethane | ND | 4.47 | 1.26 | ND | 38.1 | 10.7 | | 22.34 |
| 1,2-Dibromoethane | ND | 4.47 | 1.22 | ND | 34.4 | 9.38 | | 22.34 |
| Tetrachloroethene | 297 | 4.47 | 1.40 | 2010 | 30.3 | 9.49 | | 22.34 |
| Chlorobenzene | ND | 4.47 | 1.15 | ND | 20.6 | 5.30 | | 22.34 |
| Ethylbenzene | 646 | 4.47 | 1.28 | 2810 | 19.4 | 5.56 | | 22.34 |
| p/m-Xylene | 2450 | 8.94 | 2.79 | 10600 | 38.8 | 12.1 | | 22.34 |
| Bromoform | ND | 4.47 | 1.33 | ND | 46.2 | 13.8 | | 22.34 |
| Styrene | 4.69 | 4.47 | 1.33 | 20.0 | 19.0 | 5.66 | | 22.34 |
| 1,1,2,2-Tetrachloroethane | ND | 4.47 | 1.16 | ND | 30.7 | 7.97 | | 22.34 |
| o-Xylene | 745 | 4.47 | 1.39 | 3240 | 19.4 | 6.04 | | 22.34 |
| Isopropylbenzene | 24.4 | 4.47 | 1.39 | 120 | 22.0 | 6.83 | | 22.34 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-03 D
Client ID: SV-3
Sample Location:

Date Collected: 07/30/26 10:27
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | 199 | 4.47 | 1.34 | 978 | 22.0 | 6.59 | | 22.34 |
| 1,2,4-Trimethylbenzene | 514 | 4.47 | 1.29 | 2530 | 22.0 | 6.34 | | 22.34 |
| Benzyl chloride | ND | 4.47 | 2.10 | ND | 23.1 | 10.9 | | 22.34 |
| 1,4-Dichlorobenzene | 2.61 | 4.47 | 1.84 | 15.7 | 26.9 | 11.1 | J | 22.34 |
| 1,2-Dichlorobenzene | 37.1 | 4.47 | 1.38 | 223 | 26.9 | 8.30 | | 22.34 |
| 1,2,4-Trichlorobenzene | ND | 4.47 | 2.23 | ND | 33.2 | 16.6 | | 22.34 |
| Naphthalene | 25.2 | 4.24 | 1.32 | 132 | 22.2 | 6.92 | | 22.34 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 107 | | 60-140 |
| Bromochloromethane | 107 | | 60-140 |
| chlorobenzene-d5 | 108 | | 60-140 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-04 D
Client ID: SV-4
Sample Location:

Date Collected: 07/30/26 11:37
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/03/26 23:11
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 2.00 | 0.757 | ND | 9.89 | 3.74 | | 10 |
| Chloromethane | ND | 2.00 | 0.576 | ND | 4.13 | 1.19 | | 10 |
| Vinyl chloride | ND | 2.00 | 0.582 | ND | 5.11 | 1.49 | | 10 |
| 1,3-Butadiene | ND | 2.00 | 0.619 | ND | 4.42 | 1.37 | | 10 |
| Bromomethane | ND | 2.00 | 0.547 | ND | 7.77 | 2.12 | | 10 |
| Chloroethane | ND | 2.00 | 0.649 | ND | 5.28 | 1.71 | | 10 |
| Vinyl bromide | ND | 2.00 | 0.722 | ND | 8.74 | 3.16 | | 10 |
| Acrolein | ND | 5.00 | 1.49 | ND | 11.5 | 3.42 | | 10 |
| Acetone | 146 | 10.0 | 5.15 | 347 | 23.8 | 12.2 | | 10 |
| Trichlorofluoromethane | ND | 2.00 | 0.787 | ND | 11.2 | 4.42 | | 10 |
| Isopropanol | 11.1 | 10.0 | 2.72 | 27.3 | 24.6 | 6.69 | | 10 |
| Acrylonitrile | ND | 5.00 | 0.894 | ND | 10.9 | 1.94 | | 10 |
| 1,1-Dichloroethene | ND | 2.00 | 0.568 | ND | 7.93 | 2.25 | | 10 |
| Methylene chloride | ND | 5.00 | 1.25 | ND | 17.4 | 4.34 | | 10 |
| 3-Chloropropene | ND | 2.00 | 0.860 | ND | 6.26 | 2.69 | | 10 |
| Carbon disulfide | ND | 2.00 | 0.465 | ND | 6.23 | 1.45 | | 10 |
| Freon-113 | ND | 2.00 | 0.506 | ND | 15.3 | 3.88 | | 10 |
| trans-1,2-Dichloroethene | ND | 2.00 | 0.755 | ND | 7.93 | 2.99 | | 10 |
| 1,1-Dichloroethane | ND | 2.00 | 0.568 | ND | 8.09 | 2.30 | | 10 |
| Methyl tert butyl ether | ND | 2.00 | 0.450 | ND | 7.21 | 1.62 | | 10 |
| Chloroform | 0.690 | 2.00 | 0.552 | 3.37 | 9.77 | 2.70 | J | 10 |
| Tetrahydrofuran | 2.33 | 5.00 | 1.17 | 6.87 | 14.7 | 3.45 | J | 10 |
| 1,2-Dichloroethane | ND | 2.00 | 0.787 | ND | 8.09 | 3.19 | | 10 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-04 D
Client ID: SV-4
Sample Location:

Date Collected: 07/30/26 11:37
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 2.11 | 2.00 | 0.743 | 7.44 | 7.05 | 2.62 | | 10 |
| 1,1,1-Trichloroethane | ND | 2.00 | 0.614 | ND | 10.9 | 3.35 | | 10 |
| Benzene | 1.13 | 2.00 | 0.643 | 3.61 | 6.39 | 2.05 | J | 10 |
| Carbon tetrachloride | ND | 2.00 | 0.686 | ND | 12.6 | 4.32 | | 10 |
| Cyclohexane | 0.830 | 2.00 | 0.728 | 2.86 | 6.88 | 2.51 | J | 10 |
| 1,2-Dichloropropane | ND | 2.00 | 0.631 | ND | 9.24 | 2.92 | | 10 |
| Bromodichloromethane | ND | 2.00 | 0.689 | ND | 13.4 | 4.62 | | 10 |
| 1,4-Dioxane | 0.960 | 2.00 | 0.538 | 3.46 | 7.21 | 1.94 | J | 10 |
| Trichloroethene | ND | 2.00 | 0.548 | ND | 10.7 | 2.95 | | 10 |
| Methyl Methacrylate | ND | 5.00 | 2.26 | ND | 20.5 | 9.25 | | 10 |
| 4-Methyl-2-pentanone | ND | 5.00 | 1.90 | ND | 20.5 | 7.79 | | 10 |
| Xylenes, Total | 14.6 | 2.00 | 0.621 | 63.4 | 8.69 | 2.70 | | 10 |
| 1,1,2-Trichloroethane | ND | 2.00 | 0.582 | ND | 10.9 | 3.18 | | 10 |
| Toluene | 10.1 | 2.00 | 0.867 | 38.1 | 7.54 | 3.27 | | 10 |
| 1,3-Dichloropropane | ND | 2.00 | 0.536 | ND | 9.24 | 2.48 | | 10 |
| Dibromochloromethane | ND | 2.00 | 0.566 | ND | 17.0 | 4.82 | | 10 |
| 1,2-Dibromoethane | ND | 2.00 | 0.544 | ND | 15.4 | 4.18 | | 10 |
| Tetrachloroethene | 1.80 | 2.00 | 0.627 | 12.2 | 13.6 | 4.25 | J | 10 |
| Chlorobenzene | ND | 2.00 | 0.516 | ND | 9.21 | 2.38 | | 10 |
| Ethylbenzene | 2.60 | 2.00 | 0.575 | 11.3 | 8.69 | 2.50 | | 10 |
| p/m-Xylene | 11.3 | 4.00 | 1.25 | 49.1 | 17.4 | 5.43 | | 10 |
| Bromoform | ND | 2.00 | 0.596 | ND | 20.7 | 6.16 | | 10 |
| Styrene | ND | 2.00 | 0.596 | ND | 8.52 | 2.54 | | 10 |
| 1,1,2,2-Tetrachloroethane | ND | 2.00 | 0.520 | ND | 13.7 | 3.57 | | 10 |
| o-Xylene | 3.35 | 2.00 | 0.621 | 14.6 | 8.69 | 2.70 | | 10 |
| Isopropylbenzene | ND | 2.00 | 0.621 | ND | 9.83 | 3.05 | | 10 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-04 D
Client ID: SV-4
Sample Location:

Date Collected: 07/30/26 11:37
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.640 | 2.00 | 0.600 | 3.15 | 9.83 | 2.95 | J | 10 |
| 1,2,4-Trimethylbenzene | 2.43 | 2.00 | 0.577 | 11.9 | 9.83 | 2.84 | | 10 |
| Benzyl chloride | ND | 2.00 | 0.939 | ND | 10.4 | 4.86 | | 10 |
| 1,4-Dichlorobenzene | ND | 2.00 | 0.826 | ND | 12.0 | 4.97 | | 10 |
| 1,2-Dichlorobenzene | ND | 2.00 | 0.619 | ND | 12.0 | 3.72 | | 10 |
| 1,2,4-Trichlorobenzene | ND | 2.00 | 1.00 | ND | 14.8 | 7.42 | | 10 |
| Naphthalene | ND | 1.90 | 0.590 | ND | 9.96 | 3.09 | | 10 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 96 | | 60-140 |
| Bromochloromethane | 99 | | 60-140 |
| chlorobenzene-d5 | 98 | | 60-140 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-05 D
Client ID: SV-5
Sample Location:

Date Collected: 07/30/26 11:52
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/03/26 23:47
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | 41.2 | 1.00 | 0.378 | 204 | 4.94 | 1.87 | | 5 |
| Chloromethane | 0.350 | 1.00 | 0.288 | 0.723 | 2.07 | 0.595 | J | 5 |
| Vinyl chloride | ND | 1.00 | 0.291 | ND | 2.56 | 0.744 | | 5 |
| 1,3-Butadiene | ND | 1.00 | 0.310 | ND | 2.21 | 0.686 | | 5 |
| Bromomethane | ND | 1.00 | 0.274 | ND | 3.88 | 1.06 | | 5 |
| Chloroethane | ND | 1.00 | 0.324 | ND | 2.64 | 0.855 | | 5 |
| Vinyl bromide | ND | 1.00 | 0.361 | ND | 4.37 | 1.58 | | 5 |
| Acrolein | 1.19 | 2.50 | 0.745 | 2.73 | 5.73 | 1.71 | J | 5 |
| Acetone | 75.0 | 5.00 | 2.58 | 178 | 11.9 | 6.13 | | 5 |
| Trichlorofluoromethane | ND | 1.00 | 0.394 | ND | 5.62 | 2.21 | | 5 |
| Isopropanol | 19.6 | 5.00 | 1.36 | 48.2 | 12.3 | 3.34 | | 5 |
| Acrylonitrile | ND | 2.50 | 0.447 | ND | 5.43 | 0.970 | | 5 |
| 1,1-Dichloroethene | ND | 1.00 | 0.284 | ND | 3.96 | 1.13 | | 5 |
| Methylene chloride | ND | 2.50 | 0.625 | ND | 8.69 | 2.17 | | 5 |
| 3-Chloropropene | ND | 1.00 | 0.430 | ND | 3.13 | 1.35 | | 5 |
| Carbon disulfide | ND | 1.00 | 0.232 | ND | 3.11 | 0.722 | | 5 |
| Freon-113 | ND | 1.00 | 0.253 | ND | 7.66 | 1.94 | | 5 |
| trans-1,2-Dichloroethene | ND | 1.00 | 0.378 | ND | 3.96 | 1.50 | | 5 |
| 1,1-Dichloroethane | 0.400 | 1.00 | 0.284 | 1.62 | 4.05 | 1.15 | J | 5 |
| Methyl tert butyl ether | ND | 1.00 | 0.225 | ND | 3.61 | 0.811 | | 5 |
| Chloroform | ND | 1.00 | 0.276 | ND | 4.88 | 1.35 | | 5 |
| Tetrahydrofuran | 1.24 | 2.50 | 0.585 | 3.66 | 7.37 | 1.73 | J | 5 |
| 1,2-Dichloroethane | ND | 1.00 | 0.394 | ND | 4.05 | 1.59 | | 5 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-05 D
Client ID: SV-5
Sample Location:

Date Collected: 07/30/26 11:52
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 2.50 | 1.00 | 0.372 | 8.81 | 3.52 | 1.31 | | 5 |
| 1,1,1-Trichloroethane | ND | 1.00 | 0.307 | ND | 5.46 | 1.68 | | 5 |
| Benzene | 1.05 | 1.00 | 0.322 | 3.35 | 3.19 | 1.03 | | 5 |
| Carbon tetrachloride | ND | 1.00 | 0.343 | ND | 6.29 | 2.16 | | 5 |
| Cyclohexane | 0.855 | 1.00 | 0.364 | 2.94 | 3.44 | 1.25 | J | 5 |
| 1,2-Dichloropropane | ND | 1.00 | 0.316 | ND | 4.62 | 1.46 | | 5 |
| Bromodichloromethane | ND | 1.00 | 0.344 | ND | 6.70 | 2.30 | | 5 |
| 1,4-Dioxane | 0.820 | 1.00 | 0.269 | 2.96 | 3.60 | 0.969 | J | 5 |
| Trichloroethene | ND | 1.00 | 0.274 | ND | 5.37 | 1.47 | | 5 |
| Methyl Methacrylate | ND | 2.50 | 1.13 | ND | 10.2 | 4.63 | | 5 |
| 4-Methyl-2-pentanone | ND | 2.50 | 0.950 | ND | 10.2 | 3.89 | | 5 |
| Xylenes, Total | 8.88 | 1.00 | 0.310 | 38.6 | 4.34 | 1.35 | | 5 |
| 1,1,2-Trichloroethane | ND | 1.00 | 0.291 | ND | 5.46 | 1.59 | | 5 |
| Toluene | 7.00 | 1.00 | 0.434 | 26.4 | 3.77 | 1.64 | | 5 |
| 1,3-Dichloropropane | ND | 1.00 | 0.268 | ND | 4.62 | 1.24 | | 5 |
| Dibromochloromethane | ND | 1.00 | 0.283 | ND | 8.52 | 2.41 | | 5 |
| 1,2-Dibromoethane | ND | 1.00 | 0.272 | ND | 7.69 | 2.09 | | 5 |
| Tetrachloroethene | ND | 1.00 | 0.314 | ND | 6.78 | 2.13 | | 5 |
| Chlorobenzene | ND | 1.00 | 0.258 | ND | 4.61 | 1.19 | | 5 |
| Ethylbenzene | 1.47 | 1.00 | 0.288 | 6.39 | 4.34 | 1.25 | | 5 |
| p/m-Xylene | 6.72 | 2.00 | 0.625 | 29.2 | 8.69 | 2.71 | | 5 |
| Bromoform | ND | 1.00 | 0.298 | ND | 10.3 | 3.08 | | 5 |
| Styrene | ND | 1.00 | 0.298 | ND | 4.26 | 1.27 | | 5 |
| 1,1,2,2-Tetrachloroethane | ND | 1.00 | 0.260 | ND | 6.87 | 1.79 | | 5 |
| o-Xylene | 2.16 | 1.00 | 0.310 | 9.38 | 4.34 | 1.35 | | 5 |
| Isopropylbenzene | ND | 1.00 | 0.310 | ND | 4.92 | 1.52 | | 5 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-05 D
Client ID: SV-5
Sample Location:

Date Collected: 07/30/26 11:52
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | 0.510 | 1.00 | 0.300 | 2.51 | 4.92 | 1.47 | J | 5 |
| 1,2,4-Trimethylbenzene | 1.80 | 1.00 | 0.288 | 8.85 | 4.92 | 1.42 | | 5 |
| Benzyl chloride | ND | 1.00 | 0.470 | ND | 5.18 | 2.43 | | 5 |
| 1,4-Dichlorobenzene | ND | 1.00 | 0.413 | ND | 6.01 | 2.48 | | 5 |
| 1,2-Dichlorobenzene | ND | 1.00 | 0.310 | ND | 6.01 | 1.86 | | 5 |
| 1,2,4-Trichlorobenzene | ND | 1.00 | 0.500 | ND | 7.42 | 3.71 | | 5 |
| Naphthalene | ND | 0.950 | 0.295 | ND | 4.98 | 1.55 | | 5 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 95 | | 60-140 |
| Bromochloromethane | 99 | | 60-140 |
| chlorobenzene-d5 | 99 | | 60-140 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-06 D
Client ID: SV-6
Sample Location:

Date Collected: 07/30/26 12:11
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/04/26 00:23
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | 202 | 2.00 | 0.757 | 999 | 9.89 | 3.74 | | 10 |
| Chloromethane | ND | 2.00 | 0.576 | ND | 4.13 | 1.19 | | 10 |
| Vinyl chloride | ND | 2.00 | 0.582 | ND | 5.11 | 1.49 | | 10 |
| 1,3-Butadiene | ND | 2.00 | 0.619 | ND | 4.42 | 1.37 | | 10 |
| Bromomethane | ND | 2.00 | 0.547 | ND | 7.77 | 2.12 | | 10 |
| Chloroethane | ND | 2.00 | 0.649 | ND | 5.28 | 1.71 | | 10 |
| Vinyl bromide | ND | 2.00 | 0.722 | ND | 8.74 | 3.16 | | 10 |
| Acrolein | ND | 5.00 | 1.49 | ND | 11.5 | 3.42 | | 10 |
| Acetone | 132 | 10.0 | 5.15 | 314 | 23.8 | 12.2 | | 10 |
| Trichlorofluoromethane | ND | 2.00 | 0.787 | ND | 11.2 | 4.42 | | 10 |
| Isopropanol | 35.0 | 10.0 | 2.72 | 86.0 | 24.6 | 6.69 | | 10 |
| Acrylonitrile | ND | 5.00 | 0.894 | ND | 10.9 | 1.94 | | 10 |
| 1,1-Dichloroethene | ND | 2.00 | 0.568 | ND | 7.93 | 2.25 | | 10 |
| Methylene chloride | ND | 5.00 | 1.25 | ND | 17.4 | 4.34 | | 10 |
| 3-Chloropropene | ND | 2.00 | 0.860 | ND | 6.26 | 2.69 | | 10 |
| Carbon disulfide | ND | 2.00 | 0.465 | ND | 6.23 | 1.45 | | 10 |
| Freon-113 | ND | 2.00 | 0.506 | ND | 15.3 | 3.88 | | 10 |
| trans-1,2-Dichloroethene | ND | 2.00 | 0.755 | ND | 7.93 | 2.99 | | 10 |
| 1,1-Dichloroethane | ND | 2.00 | 0.568 | ND | 8.09 | 2.30 | | 10 |
| Methyl tert butyl ether | ND | 2.00 | 0.450 | ND | 7.21 | 1.62 | | 10 |
| Chloroform | ND | 2.00 | 0.552 | ND | 9.77 | 2.70 | | 10 |
| Tetrahydrofuran | 1.77 | 5.00 | 1.17 | 5.22 | 14.7 | 3.45 | J | 10 |
| 1,2-Dichloroethane | ND | 2.00 | 0.787 | ND | 8.09 | 3.19 | | 10 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## SAMPLE RESULTS

Lab ID: L2648938-06 D
Client ID: SV-6
Sample Location:

Date Collected: 07/30/26 12:11
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| n-Hexane | 3.60 | 2.00 | 0.743 | 12.7 | 7.05 | 2.62 | | 10 |
| 1,1,1-Trichloroethane | ND | 2.00 | 0.614 | ND | 10.9 | 3.35 | | 10 |
| Benzene | 0.660 | 2.00 | 0.643 | 2.11 | 6.39 | 2.05 | J | 10 |
| Carbon tetrachloride | ND | 2.00 | 0.686 | ND | 12.6 | 4.32 | | 10 |
| Cyclohexane | 0.780 | 2.00 | 0.728 | 2.68 | 6.88 | 2.51 | J | 10 |
| 1,2-Dichloropropane | ND | 2.00 | 0.631 | ND | 9.24 | 2.92 | | 10 |
| Bromodichloromethane | ND | 2.00 | 0.689 | ND | 13.4 | 4.62 | | 10 |
| 1,4-Dioxane | ND | 2.00 | 0.538 | ND | 7.21 | 1.94 | | 10 |
| Trichloroethene | ND | 2.00 | 0.548 | ND | 10.7 | 2.95 | | 10 |
| Methyl Methacrylate | ND | 5.00 | 2.26 | ND | 20.5 | 9.25 | | 10 |
| 4-Methyl-2-pentanone | ND | 5.00 | 1.90 | ND | 20.5 | 7.79 | | 10 |
| Xylenes, Total | 7.22 | 2.00 | 0.621 | 31.4 | 8.69 | 2.70 | J | 10 |
| 1,1,2-Trichloroethane | ND | 2.00 | 0.582 | ND | 10.9 | 3.18 | | 10 |
| Toluene | 5.56 | 2.00 | 0.867 | 21.0 | 7.54 | 3.27 | | 10 |
| 1,3-Dichloropropane | ND | 2.00 | 0.536 | ND | 9.24 | 2.48 | | 10 |
| Dibromochloromethane | ND | 2.00 | 0.566 | ND | 17.0 | 4.82 | | 10 |
| 1,2-Dibromoethane | ND | 2.00 | 0.544 | ND | 15.4 | 4.18 | | 10 |
| Tetrachloroethene | ND | 2.00 | 0.627 | ND | 13.6 | 4.25 | | 10 |
| Chlorobenzene | ND | 2.00 | 0.516 | ND | 9.21 | 2.38 | | 10 |
| Ethylbenzene | 1.24 | 2.00 | 0.575 | 5.39 | 8.69 | 2.50 | J | 10 |
| p/m-Xylene | 5.44 | 4.00 | 1.25 | 23.6 | 17.4 | 5.43 | | 10 |
| Bromoform | ND | 2.00 | 0.596 | ND | 20.7 | 6.16 | | 10 |
| Styrene | ND | 2.00 | 0.596 | ND | 8.52 | 2.54 | | 10 |
| 1,1,2,2-Tetrachloroethane | ND | 2.00 | 0.520 | ND | 13.7 | 3.57 | | 10 |
| o-Xylene | 1.78 | 2.00 | 0.621 | 7.73 | 8.69 | 2.70 | J | 10 |
| Isopropylbenzene | ND | 2.00 | 0.621 | ND | 9.83 | 3.05 | | 10 |

***Project Name:*** 1001 KIMBERTON RD
***Project Number:*** 26011098.01

***Lab Number:*** L2648938
***Report Date:*** 08/04/26

## *SAMPLE RESULTS*

Lab ID: L2648938-06 D
Client ID: SV-6
Sample Location:

Date Collected: 07/30/26 12:11
Date Received: 07/31/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 2.00 | 0.600 | ND | 9.83 | 2.95 | | 10 |
| 1,2,4-Trimethylbenzene | 1.36 | 2.00 | 0.577 | 6.69 | 9.83 | 2.84 | J | 10 |
| Benzyl chloride | ND | 2.00 | 0.939 | ND | 10.4 | 4.86 | | 10 |
| 1,4-Dichlorobenzene | ND | 2.00 | 0.826 | ND | 12.0 | 4.97 | | 10 |
| 1,2-Dichlorobenzene | ND | 2.00 | 0.619 | ND | 12.0 | 3.72 | | 10 |
| 1,2,4-Trichlorobenzene | ND | 2.00 | 1.00 | ND | 14.8 | 7.42 | | 10 |
| Naphthalene | ND | 1.90 | 0.590 | ND | 9.96 | 3.09 | | 10 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 97 | | 60-140 |
| Bromochloromethane | 102 | | 60-140 |
| chlorobenzene-d5 | 101 | | 60-140 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01
**Lab Number:** L2648938
**Report Date:** 08/04/26

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/26 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2250417-4 | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | 0.076 | ND | 0.989 | 0.374 | | 1 |
| Chloromethane | ND | 0.200 | 0.058 | ND | 0.413 | 0.119 | | 1 |
| Vinyl chloride | ND | 0.200 | 0.058 | ND | 0.511 | 0.149 | | 1 |
| 1,3-Butadiene | ND | 0.200 | 0.062 | ND | 0.442 | 0.137 | | 1 |
| Bromomethane | ND | 0.200 | 0.055 | ND | 0.777 | 0.212 | | 1 |
| Chloroethane | ND | 0.200 | 0.065 | ND | 0.528 | 0.171 | | 1 |
| Vinyl bromide | ND | 0.200 | 0.072 | ND | 0.874 | 0.316 | | 1 |
| Acrolein | ND | 0.500 | 0.149 | ND | 1.15 | 0.342 | | 1 |
| Acetone | ND | 1.00 | 0.515 | ND | 2.38 | 1.22 | | 1 |
| Trichlorofluoromethane | ND | 0.200 | 0.079 | ND | 1.12 | 0.442 | | 1 |
| Isopropanol | ND | 1.00 | 0.272 | ND | 2.46 | 0.669 | | 1 |
| Acrylonitrile | ND | 0.500 | 0.089 | ND | 1.09 | 0.194 | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | 0.057 | ND | 0.793 | 0.225 | | 1 |
| Methylene chloride | ND | 0.500 | 0.125 | ND | 1.74 | 0.434 | | 1 |
| 3-Chloropropene | ND | 0.200 | 0.086 | ND | 0.626 | 0.269 | | 1 |
| Carbon disulfide | ND | 0.200 | 0.047 | ND | 0.623 | 0.145 | | 1 |
| Freon-113 | ND | 0.200 | 0.051 | ND | 1.53 | 0.388 | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | 0.076 | ND | 0.793 | 0.299 | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | 0.057 | ND | 0.809 | 0.230 | | 1 |
| Methyl tert butyl ether | ND | 0.200 | 0.045 | ND | 0.721 | 0.162 | | 1 |
| Xylenes, Total | ND | 0.200 | 0.062 | ND | 0.869 | 0.270 | | 1 |
| Chloroform | ND | 0.200 | 0.055 | ND | 0.977 | 0.270 | | 1 |
| Tetrahydrofuran | ND | 0.500 | 0.117 | ND | 1.47 | 0.345 | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | 0.079 | ND | 0.809 | 0.319 | | 1 |
| n-Hexane | ND | 0.200 | 0.074 | ND | 0.705 | 0.262 | | 1 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01
**Lab Number:** L2648938
**Report Date:** 08/04/26

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/26 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2250417-4 | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.200 | 0.061 | ND | 1.09 | 0.335 | | 1 |
| Benzene | ND | 0.200 | 0.064 | ND | 0.639 | 0.205 | | 1 |
| Carbon tetrachloride | ND | 0.200 | 0.069 | ND | 1.26 | 0.432 | | 1 |
| Cyclohexane | ND | 0.200 | 0.073 | ND | 0.688 | 0.251 | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | 0.063 | ND | 0.924 | 0.292 | | 1 |
| Bromodichloromethane | ND | 0.200 | 0.069 | ND | 1.34 | 0.462 | | 1 |
| 1,4-Dioxane | ND | 0.200 | 0.054 | ND | 0.721 | 0.194 | | 1 |
| Trichloroethene | ND | 0.200 | 0.055 | ND | 1.07 | 0.295 | | 1 |
| Methyl Methacrylate | ND | 0.500 | 0.226 | ND | 2.05 | 0.925 | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | 0.190 | ND | 2.05 | 0.779 | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | 0.058 | ND | 1.09 | 0.318 | | 1 |
| Toluene | ND | 0.200 | 0.087 | ND | 0.754 | 0.327 | | 1 |
| 1,3-Dichloropropane | ND | 0.200 | 0.054 | ND | 0.924 | 0.248 | | 1 |
| Dibromochloromethane | ND | 0.200 | 0.057 | ND | 1.70 | 0.482 | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | 0.054 | ND | 1.54 | 0.418 | | 1 |
| Tetrachloroethene | ND | 0.200 | 0.063 | ND | 1.36 | 0.425 | | 1 |
| Chlorobenzene | ND | 0.200 | 0.052 | ND | 0.921 | 0.238 | | 1 |
| Ethylbenzene | ND | 0.200 | 0.058 | ND | 0.869 | 0.250 | | 1 |
| p/m-Xylene | ND | 0.400 | 0.125 | ND | 1.74 | 0.543 | | 1 |
| Bromoform | ND | 0.200 | 0.060 | ND | 2.07 | 0.616 | | 1 |
| Styrene | ND | 0.200 | 0.060 | ND | 0.852 | 0.254 | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | 0.052 | ND | 1.37 | 0.357 | | 1 |
| o-Xylene | ND | 0.200 | 0.062 | ND | 0.869 | 0.270 | | 1 |
| Isopropylbenzene | ND | 0.200 | 0.062 | ND | 0.983 | 0.305 | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | 0.060 | ND | 0.983 | 0.295 | | 1 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01
**Lab Number:** L2648938
**Report Date:** 08/04/26

# Method Blank Analysis
## Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/26 15:24

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2250417-4 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.200 | 0.058 | ND | 0.983 | 0.284 | | 1 |
| Benzyl chloride | ND | 0.200 | 0.094 | ND | 1.04 | 0.486 | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | 0.083 | ND | 1.20 | 0.497 | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | 0.062 | ND | 1.20 | 0.372 | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | 0.100 | ND | 1.48 | 0.742 | | 1 |
| Naphthalene | ND | 0.190 | 0.059 | ND | 0.996 | 0.309 | | 1 |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2250417-3 | | | | | | | | |
| Dichlorodifluoromethane | 119 | | - | | 70-130 | - | | |
| Chloromethane | 112 | | - | | 70-130 | - | | |
| Vinyl chloride | 115 | | - | | 70-130 | - | | |
| 1,3-Butadiene | 112 | | - | | 70-130 | - | | |
| Bromomethane | 126 | | - | | 70-130 | - | | |
| Chloroethane | 112 | | - | | 70-130 | - | | |
| Vinyl bromide | 104 | | - | | 70-130 | - | | |
| Acrolein | 84 | | - | | 60-113 | - | | |
| Acetone | 97 | | - | | 40-160 | - | | |
| Trichlorofluoromethane | 120 | | - | | 70-130 | - | | |
| Isopropanol | 85 | | - | | 40-160 | - | | |
| Acrylonitrile | 92 | | - | | 70-130 | - | | |
| 1,1-Dichloroethene | 121 | | - | | 70-130 | - | | |
| Methylene chloride | 114 | | - | | 70-130 | - | | |
| 3-Chloropropene | 114 | | - | | 70-130 | - | | |
| Carbon disulfide | 107 | | - | | 70-130 | - | | |
| Freon-113 | 120 | | - | | 70-130 | - | | |
| trans-1,2-Dichloroethene | 113 | | - | | 70-130 | - | | |
| 1,1-Dichloroethane | 116 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2250417-3 | | | | | | | | |
| Methyl tert butyl ether | 110 | | - | | 70-130 | - | | |
| Chloroform | 118 | | - | | 70-130 | - | | |
| Tetrahydrofuran | 123 | | - | | 70-130 | - | | |
| 1,2-Dichloroethane | 119 | | - | | 70-130 | - | | |
| n-Hexane | 96 | | - | | 70-130 | - | | |
| 1,1,1-Trichloroethane | 118 | | - | | 70-130 | - | | |
| Benzene | 111 | | - | | 70-130 | - | | |
| Carbon tetrachloride | 123 | | - | | 70-130 | - | | |
| Cyclohexane | 110 | | - | | 70-130 | - | | |
| 1,2-Dichloropropane | 115 | | - | | 70-130 | - | | |
| Bromodichloromethane | 118 | | - | | 70-130 | - | | |
| 1,4-Dioxane | 106 | | - | | 70-130 | - | | |
| Trichloroethene | 116 | | - | | 70-130 | - | | |
| Methyl Methacrylate | 97 | | - | | 40-160 | - | | |
| 4-Methyl-2-pentanone | 113 | | - | | 70-130 | - | | |
| 1,1,2-Trichloroethane | 116 | | - | | 70-130 | - | | |
| Toluene | 116 | | - | | 70-130 | - | | |
| 1,3-Dichloropropane | 93 | | - | | 70-130 | - | | |
| Dibromochloromethane | 120 | | - | | 70-130 | - | | |

# Lab Control Sample Analysis
## Batch Quality Control

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

| Parameter | LCS %Recovery | Qual | LCSD %Recovery | Qual | %Recovery Limits | RPD | Qual | RPD Limits |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2250417-3 | | | | | | | | |
| 1,2-Dibromoethane | 122 | | - | | 70-130 | - | | |
| Tetrachloroethene | 114 | | - | | 70-130 | - | | |
| Chlorobenzene | 116 | | - | | 70-130 | - | | |
| Ethylbenzene | 118 | | - | | 70-130 | - | | |
| p/m-Xylene | 120 | | - | | 70-130 | - | | |
| Bromoform | 118 | | - | | 70-130 | - | | |
| Styrene | 118 | | - | | 70-130 | - | | |
| 1,1,2,2-Tetrachloroethane | 116 | | - | | 70-130 | - | | |
| o-Xylene | 120 | | - | | 70-130 | - | | |
| Isopropylbenzene | 99 | | - | | 70-130 | - | | |
| 1,3,5-Trimethylbenzene | 120 | | - | | 70-130 | - | | |
| 1,2,4-Trimethylbenzene | 127 | | - | | 70-130 | - | | |
| Benzyl chloride | 96 | | - | | 70-130 | - | | |
| 1,4-Dichlorobenzene | 117 | | - | | 70-130 | - | | |
| 1,2-Dichlorobenzene | 118 | | - | | 70-130 | - | | |
| 1,2,4-Trichlorobenzene | 117 | | - | | 70-130 | - | | |
| Naphthalene | 94 | | - | | 70-130 | - | | |

**Project Name:** 1001 KIMBERTON RD

**Project Number:** 26011098.01

**Lab Number:** L2648938

**Report Date:** 08/04/26

## Canister and Flow Controller Information

| Samplenum | Client ID | Media ID | Media Type | Date Prepared | Bottle Order | Cleaning Batch ID | Can Leak Check | Initial Pressure (in. Hg) | Pressure on Receipt | Flow Controler Leak Chk | Flow Out mL/min | Flow In | % RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L2648938-01 | SV-1 | 03248 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 71 | 69 | 3 |
| L2648938-01 | SV-1 | 3414 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.7 | -3.8 | - | - | - | - |
| L2648938-02 | SV-2 | 0199 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 72 | 71 | 1 |
| L2648938-02 | SV-2 | 188 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.7 | -3.0 | - | - | - | - |
| L2648938-03 | SV-3 | 01506 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 73 | 74 | 1 |
| L2648938-03 | SV-3 | 1066 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -28.8 | -4.0 | - | - | - | - |
| L2648938-04 | SV-4 | 01160 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 72 | 73 | 1 |
| L2648938-04 | SV-4 | 4406 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.7 | -4.1 | - | - | - | - |
| L2648938-05 | SV-5 | 01554 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 72 | 74 | 3 |
| L2648938-05 | SV-5 | 2230 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.6 | -4.1 | - | - | - | - |
| L2648938-06 | SV-6 | 03133 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 73 | 73 | 0 |
| L2648938-06 | SV-6 | 2191 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.5 | -5.4 | - | - | - | - |
| L2648938-07 | UNUSED CAN # 2249 | 01460 | Flow 2 | 07/24/26 | 576596 | | - | - | - | Pass | 72 | 73 | 1 |
| L2648938-07 | UNUSED CAN # 2249 | 2249 | 2.7L Can | 07/24/26 | 576596 | L2641271-01 | Pass | -29.7 | -29.7 | - | - | - | - |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT
**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/01/26 01:28
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |
| Chlorodifluoromethane | ND | 0.200 | 0.046 | ND | 0.707 | 0.164 | | 1 |
| Propylene | ND | 0.500 | 0.135 | ND | 0.861 | 0.232 | | 1 |
| Propane | ND | 0.500 | 0.152 | ND | 0.902 | 0.274 | | 1 |
| Dichlorodifluoromethane | ND | 0.200 | 0.076 | ND | 0.989 | 0.374 | | 1 |
| Chloromethane | ND | 0.200 | 0.058 | ND | 0.413 | 0.119 | | 1 |
| Freon-114 | ND | 0.200 | 0.050 | ND | 1.40 | 0.352 | | 1 |
| Methanol | ND | 5.00 | 3.03 | ND | 6.55 | 3.97 | | 1 |
| Vinyl chloride | ND | 0.200 | 0.058 | ND | 0.511 | 0.149 | | 1 |
| 1,3-Butadiene | ND | 0.200 | 0.062 | ND | 0.442 | 0.137 | | 1 |
| Butane | ND | 0.200 | 0.080 | ND | 0.475 | 0.190 | | 1 |
| Bromomethane | ND | 0.200 | 0.055 | ND | 0.777 | 0.212 | | 1 |
| Chloroethane | ND | 0.200 | 0.065 | ND | 0.528 | 0.171 | | 1 |
| Ethanol | ND | 5.00 | 1.74 | ND | 9.42 | 3.28 | | 1 |
| Dichlorofluoromethane | ND | 0.200 | 0.112 | ND | 0.842 | 0.471 | | 1 |
| Vinyl bromide | ND | 0.200 | 0.072 | ND | 0.874 | 0.316 | | 1 |
| Acrolein | ND | 0.500 | 0.149 | ND | 1.15 | 0.342 | | 1 |
| Acetone | ND | 1.00 | 0.515 | ND | 2.38 | 1.22 | | 1 |
| Acetonitrile | ND | 0.200 | 0.101 | ND | 0.336 | 0.170 | | 1 |
| Trichlorofluoromethane | ND | 0.200 | 0.079 | ND | 1.12 | 0.442 | | 1 |
| Isopropanol | ND | 1.00 | 0.272 | ND | 2.46 | 0.669 | | 1 |
| Acrylonitrile | ND | 0.500 | 0.089 | ND | 1.09 | 0.194 | | 1 |
| Pentane | ND | 0.200 | 0.113 | ND | 0.590 | 0.333 | | 1 |
| Ethyl ether | ND | 0.200 | 0.085 | ND | 0.606 | 0.259 | | 1 |
| 1,1-Dichloroethene | ND | 0.200 | 0.057 | ND | 0.793 | 0.225 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT
**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| Tertiary butyl Alcohol | ND | 0.500 | 0.132 | ND | 1.52 | 0.400 | | 1 |
| Methylene chloride | ND | 0.500 | 0.125 | ND | 1.74 | 0.434 | | 1 |
| 3-Chloropropene | ND | 0.200 | 0.086 | ND | 0.626 | 0.269 | | 1 |
| Carbon disulfide | ND | 0.200 | 0.047 | ND | 0.623 | 0.145 | | 1 |
| Freon-113 | ND | 0.200 | 0.051 | ND | 1.53 | 0.388 | | 1 |
| trans-1,2-Dichloroethene | ND | 0.200 | 0.076 | ND | 0.793 | 0.299 | | 1 |
| 1,1-Dichloroethane | ND | 0.200 | 0.057 | ND | 0.809 | 0.230 | | 1 |
| Methyl tert butyl ether | ND | 0.200 | 0.045 | ND | 0.721 | 0.162 | | 1 |
| Vinyl acetate | ND | 1.00 | 0.323 | ND | 3.52 | 1.14 | | 1 |
| 2-Butanone | ND | 0.500 | 0.099 | ND | 1.47 | 0.292 | | 1 |
| Xylenes, total | ND | 0.600 | 0.062 | ND | 0.869 | 0.270 | | 1 |
| cis-1,2-Dichloroethene | ND | 0.200 | 0.060 | ND | 0.793 | 0.236 | | 1 |
| Ethyl Acetate | ND | 0.500 | 0.297 | ND | 1.80 | 1.07 | | 1 |
| Chloroform | ND | 0.200 | 0.055 | ND | 0.977 | 0.270 | | 1 |
| Tetrahydrofuran | ND | 0.500 | 0.117 | ND | 1.47 | 0.345 | | 1 |
| 2,2-Dichloropropane | ND | 0.200 | 0.043 | ND | 0.924 | 0.198 | | 1 |
| 1,2-Dichloroethane | ND | 0.200 | 0.079 | ND | 0.809 | 0.319 | | 1 |
| n-Hexane | ND | 0.200 | 0.074 | ND | 0.705 | 0.262 | | 1 |
| Diisopropyl ether | ND | 0.200 | 0.063 | ND | 0.836 | 0.264 | | 1 |
| tert-Butyl Ethyl Ether | ND | 0.200 | 0.073 | ND | 0.836 | 0.306 | | 1 |
| 1,2-Dichloroethene (total) | ND | 1.00 | 0.060 | ND | 1.00 | 0.236 | | 1 |
| 1,1,1-Trichloroethane | ND | 0.200 | 0.061 | ND | 1.09 | 0.335 | | 1 |
| 1,1-Dichloropropene | ND | 0.200 | 0.059 | ND | 0.908 | 0.269 | | 1 |
| Benzene | ND | 0.200 | 0.064 | ND | 0.639 | 0.205 | | 1 |
| Carbon tetrachloride | ND | 0.200 | 0.069 | ND | 1.26 | 0.432 | | 1 |
| Cyclohexane | ND | 0.200 | 0.073 | ND | 0.688 | 0.251 | | 1 |
| tert-Amyl Methyl Ether | ND | 0.200 | 0.067 | ND | 0.836 | 0.281 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT
**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| Dibromomethane | ND | 0.200 | 0.060 | ND | 1.42 | 0.425 | | 1 |
| 1,2-Dichloropropane | ND | 0.200 | 0.063 | ND | 0.924 | 0.292 | | 1 |
| Bromodichloromethane | ND | 0.200 | 0.069 | ND | 1.34 | 0.462 | | 1 |
| 1,4-Dioxane | ND | 0.200 | 0.054 | ND | 0.721 | 0.194 | | 1 |
| Trichloroethene | ND | 0.200 | 0.055 | ND | 1.07 | 0.295 | | 1 |
| 2,2,4-Trimethylpentane | ND | 0.200 | 0.069 | ND | 0.934 | 0.323 | | 1 |
| Methyl Methacrylate | ND | 0.500 | 0.226 | ND | 2.05 | 0.925 | | 1 |
| Heptane | ND | 0.200 | 0.083 | ND | 0.820 | 0.339 | | 1 |
| cis-1,3-Dichloropropene | ND | 0.200 | 0.067 | ND | 0.908 | 0.306 | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | 0.190 | ND | 2.05 | 0.779 | | 1 |
| trans-1,3-Dichloropropene | ND | 0.200 | 0.078 | ND | 0.908 | 0.355 | | 1 |
| 1,1,2-Trichloroethane | ND | 0.200 | 0.058 | ND | 1.09 | 0.318 | | 1 |
| Toluene | ND | 0.200 | 0.087 | ND | 0.754 | 0.327 | | 1 |
| 1,3-Dichloropropane | ND | 0.200 | 0.054 | ND | 0.924 | 0.248 | | 1 |
| 2-Hexanone | ND | 0.200 | 0.091 | ND | 0.820 | 0.374 | | 1 |
| Dibromochloromethane | ND | 0.200 | 0.057 | ND | 1.70 | 0.482 | | 1 |
| 1,2-Dibromoethane | ND | 0.200 | 0.054 | ND | 1.54 | 0.418 | | 1 |
| Butyl acetate | ND | 0.500 | 0.208 | ND | 2.38 | 0.989 | | 1 |
| Octane | ND | 0.200 | 0.068 | ND | 0.934 | 0.316 | | 1 |
| Tetrachloroethene | ND | 0.200 | 0.063 | ND | 1.36 | 0.425 | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.200 | 0.051 | ND | 1.37 | 0.349 | | 1 |
| Chlorobenzene | ND | 0.200 | 0.052 | ND | 0.921 | 0.238 | | 1 |
| Ethylbenzene | ND | 0.200 | 0.058 | ND | 0.869 | 0.250 | | 1 |
| p/m-Xylene | ND | 0.400 | 0.125 | ND | 1.74 | 0.543 | | 1 |
| Bromoform | ND | 0.200 | 0.060 | ND | 2.07 | 0.616 | | 1 |
| Styrene | ND | 0.200 | 0.060 | ND | 0.852 | 0.254 | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.200 | 0.052 | ND | 1.37 | 0.357 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT

**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air - Mansfield Air Lab** | | | | | | | | |
| o-Xylene | ND | 0.200 | 0.062 | ND | 0.869 | 0.270 | | 1 |
| 1,2,3-Trichloropropane | ND | 0.200 | 0.058 | ND | 1.21 | 0.347 | | 1 |
| Nonane | ND | 0.200 | 0.074 | ND | 1.05 | 0.387 | | 1 |
| Isopropylbenzene | ND | 0.200 | 0.062 | ND | 0.983 | 0.305 | | 1 |
| Bromobenzene | ND | 0.200 | 0.058 | ND | 0.793 | 0.230 | | 1 |
| 2-Chlorotoluene | ND | 0.200 | 0.076 | ND | 1.04 | 0.394 | | 1 |
| n-Propylbenzene | ND | 0.200 | 0.063 | ND | 0.983 | 0.311 | | 1 |
| 4-Chlorotoluene | ND | 0.200 | 0.077 | ND | 1.04 | 0.396 | | 1 |
| 4-Ethyltoluene | ND | 0.200 | 0.055 | ND | 0.983 | 0.272 | | 1 |
| 1,3,5-Trimethylbenzene | ND | 0.200 | 0.060 | ND | 0.983 | 0.295 | | 1 |
| tert-Butylbenzene | ND | 0.200 | 0.055 | ND | 1.10 | 0.302 | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.200 | 0.058 | ND | 0.983 | 0.284 | | 1 |
| Decane | ND | 0.200 | 0.070 | ND | 1.16 | 0.406 | | 1 |
| Benzyl chloride | ND | 0.200 | 0.094 | ND | 1.04 | 0.486 | | 1 |
| 1,3-Dichlorobenzene | ND | 0.200 | 0.078 | ND | 1.20 | 0.467 | | 1 |
| 1,4-Dichlorobenzene | ND | 0.200 | 0.083 | ND | 1.20 | 0.497 | | 1 |
| sec-Butylbenzene | ND | 0.200 | 0.055 | ND | 1.10 | 0.300 | | 1 |
| p-Isopropyltoluene | ND | 0.200 | 0.057 | ND | 1.10 | 0.311 | | 1 |
| 1,2-Dichlorobenzene | ND | 0.200 | 0.062 | ND | 1.20 | 0.372 | | 1 |
| n-Butylbenzene | ND | 0.200 | 0.054 | ND | 1.10 | 0.294 | | 1 |
| 1,2-Dibromo-3-chloropropane | ND | 0.200 | 0.062 | ND | 1.93 | 0.603 | | 1 |
| Undecane | ND | 0.200 | 0.071 | ND | 1.28 | 0.453 | | 1 |
| Dodecane | ND | 0.200 | 0.089 | ND | 1.39 | 0.621 | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.200 | 0.100 | ND | 1.48 | 0.742 | | 1 |
| Naphthalene | ND | 0.200 | 0.059 | ND | 0.996 | 0.309 | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.200 | 0.074 | ND | 1.48 | 0.548 | | 1 |
| Hexachlorobutadiene | ND | 0.200 | 0.061 | ND | 2.13 | 0.647 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT

**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| Volatile Organics in Air - Mansfield Air Lab | | | | | | | | |

| | Results | Qualifier | Units | RDL | Dilution Factor |
|---|---|---|---|---|---|
| Tentatively Identified Compounds | | | | | |

No Tentatively Identified Compounds

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-Difluorobenzene | 80 | | 60-140 |
| Bromochloromethane | 95 | | 60-140 |
| chlorobenzene-d5 | 82 | | 60-140 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT

**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/01/26 01:28
Analyst: KJD

| | ppbV | | | ug/m3 | | | | |
|---|---|---|---|---|---|---|---|---|
| **Parameter** | **Results** | **RL** | **MDL** | **Results** | **RL** | **MDL** | **Qualifier** | **Dilution Factor** |
| Volatile Organics in Air by SIM - Mansfield Air Lab | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.200 | 0.050 | ND | 0.989 | 0.247 | | 1 |
| Chloromethane | ND | 0.200 | 0.076 | ND | 0.413 | 0.156 | | 1 |
| Freon-114 | ND | 0.050 | 0.006 | ND | 0.349 | 0.045 | | 1 |
| Vinyl chloride | ND | 0.020 | 0.009 | ND | 0.051 | 0.023 | | 1 |
| 1,3-Butadiene | ND | 0.020 | 0.011 | ND | 0.044 | 0.024 | | 1 |
| Bromomethane | ND | 0.020 | 0.009 | ND | 0.078 | 0.037 | | 1 |
| Chloroethane | ND | 0.100 | 0.040 | ND | 0.264 | 0.104 | | 1 |
| Acrolein | ND | 0.050 | 0.039 | ND | 0.115 | 0.089 | | 1 |
| Acetone | ND | 1.00 | 0.539 | ND | 2.38 | 1.28 | | 1 |
| Trichlorofluoromethane | ND | 0.050 | 0.009 | ND | 0.281 | 0.052 | | 1 |
| Acrylonitrile | ND | 0.500 | 0.162 | ND | 1.09 | 0.352 | | 1 |
| 1,1-Dichloroethene | ND | 0.020 | 0.008 | ND | 0.079 | 0.031 | | 1 |
| Methylene chloride | ND | 0.500 | 0.110 | ND | 1.74 | 0.382 | | 1 |
| Freon-113 | ND | 0.050 | 0.008 | ND | 0.383 | 0.064 | | 1 |
| trans-1,2-Dichloroethene | ND | 0.020 | 0.009 | ND | 0.079 | 0.036 | | 1 |
| 1,1-Dichloroethane | ND | 0.020 | 0.009 | ND | 0.081 | 0.035 | | 1 |
| Methyl tert butyl ether | ND | 0.200 | 0.026 | ND | 0.721 | 0.094 | | 1 |
| 2-Butanone | ND | 0.500 | 0.132 | ND | 1.47 | 0.389 | | 1 |
| cis-1,2-Dichloroethene | ND | 0.020 | 0.010 | ND | 0.079 | 0.040 | | 1 |
| Chloroform | ND | 0.020 | 0.007 | ND | 0.098 | 0.035 | | 1 |
| 1,2-Dichloroethane | ND | 0.020 | 0.008 | ND | 0.081 | 0.034 | | 1 |
| 1,1,1-Trichloroethane | ND | 0.020 | 0.006 | ND | 0.109 | 0.032 | | 1 |
| Benzene | ND | 0.100 | 0.030 | ND | 0.319 | 0.095 | | 1 |
| Carbon tetrachloride | ND | 0.020 | 0.011 | ND | 0.126 | 0.069 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION **Lab Number:** L2641271

**Project Number:** CANISTER QC BAT **Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air by SIM - Mansfield Air Lab** | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.020 | 0.008 | ND | 0.092 | 0.038 | | 1 |
| Bromodichloromethane | ND | 0.020 | 0.007 | ND | 0.134 | 0.050 | | 1 |
| 1,4-Dioxane | ND | 0.100 | 0.034 | ND | 0.360 | 0.124 | | 1 |
| Trichloroethene | ND | 0.020 | 0.006 | ND | 0.107 | 0.032 | | 1 |
| cis-1,3-Dichloropropene | ND | 0.020 | 0.012 | ND | 0.091 | 0.054 | | 1 |
| 4-Methyl-2-pentanone | ND | 0.500 | 0.191 | ND | 2.05 | 0.783 | | 1 |
| trans-1,3-Dichloropropene | ND | 0.020 | 0.012 | ND | 0.091 | 0.052 | | 1 |
| 1,1,2-Trichloroethane | ND | 0.020 | 0.010 | ND | 0.109 | 0.053 | | 1 |
| Toluene | ND | 0.100 | 0.017 | ND | 0.377 | 0.063 | | 1 |
| Dibromochloromethane | ND | 0.020 | 0.008 | ND | 0.170 | 0.068 | | 1 |
| 1,2-Dibromoethane | ND | 0.020 | 0.009 | ND | 0.154 | 0.070 | | 1 |
| Tetrachloroethene | ND | 0.020 | 0.007 | ND | 0.136 | 0.050 | | 1 |
| 1,1,1,2-Tetrachloroethane | ND | 0.020 | 0.010 | ND | 0.137 | 0.069 | | 1 |
| Chlorobenzene | ND | 0.100 | 0.026 | ND | 0.461 | 0.119 | | 1 |
| Ethylbenzene | ND | 0.020 | 0.009 | ND | 0.087 | 0.037 | | 1 |
| p/m-Xylene | ND | 0.040 | 0.018 | ND | 0.174 | 0.078 | | 1 |
| Bromoform | ND | 0.020 | 0.011 | ND | 0.207 | 0.115 | | 1 |
| Styrene | ND | 0.020 | 0.008 | ND | 0.085 | 0.034 | | 1 |
| 1,1,2,2-Tetrachloroethane | ND | 0.020 | 0.007 | ND | 0.137 | 0.046 | | 1 |
| o-Xylene | ND | 0.020 | 0.009 | ND | 0.087 | 0.038 | | 1 |
| Isopropylbenzene | ND | 0.200 | 0.030 | ND | 0.983 | 0.147 | | 1 |
| 4-Ethyltoluene | ND | 0.020 | 0.010 | ND | 0.098 | 0.049 | | 1 |
| 1,3,5-Trimethybenzene | ND | 0.020 | 0.010 | ND | 0.098 | 0.047 | | 1 |
| 1,2,4-Trimethylbenzene | ND | 0.020 | 0.008 | ND | 0.098 | 0.037 | | 1 |
| Benzyl chloride | ND | 0.100 | 0.033 | ND | 0.518 | 0.172 | | 1 |
| 1,3-Dichlorobenzene | ND | 0.020 | 0.008 | ND | 0.120 | 0.046 | | 1 |
| 1,4-Dichlorobenzene | ND | 0.020 | 0.008 | ND | 0.120 | 0.045 | | 1 |

**Project Name:** BATCH CANISTER CERTIFICATION
**Project Number:** CANISTER QC BAT
**Lab Number:** L2641271
**Report Date:** 08/04/26

# Air Canister Certification Results

Lab ID: L2641271-01
Client ID: CAN 515 SHELF 14
Sample Location:

Date Collected: 06/30/26 13:00
Date Received: 06/30/26
Field Prep: Not Specified

Sample Depth:

| Parameter | ppbV Results | ppbV RL | ppbV MDL | ug/m3 Results | ug/m3 RL | ug/m3 MDL | Qualifier | Dilution Factor |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organics in Air by SIM - Mansfield Air Lab** | | | | | | | | |
| sec-Butylbenzene | ND | 0.200 | 0.027 | ND | 1.10 | 0.146 | | 1 |
| p-Isopropyltoluene | ND | 0.200 | 0.037 | ND | 1.10 | 0.201 | | 1 |
| 1,2-Dichlorobenzene | ND | 0.020 | 0.006 | ND | 0.120 | 0.037 | | 1 |
| n-Butylbenzene | ND | 0.200 | 0.032 | ND | 1.10 | 0.175 | | 1 |
| 1,2,4-Trichlorobenzene | ND | 0.050 | 0.015 | ND | 0.371 | 0.108 | | 1 |
| Naphthalene | ND | 0.050 | 0.021 | ND | 0.262 | 0.110 | | 1 |
| 1,2,3-Trichlorobenzene | ND | 0.050 | 0.022 | ND | 0.371 | 0.166 | | 1 |
| Hexachlorobutadiene | ND | 0.050 | 0.011 | ND | 0.533 | 0.117 | | 1 |

| Internal Standard | % Recovery | Qualifier | Acceptance Criteria |
|---|---|---|---|
| 1,4-difluorobenzene | 82 | | 60-140 |
| bromochloromethane | 95 | | 60-140 |
| chlorobenzene-d5 | 81 | | 60-140 |

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01

**Lab Number:** L2648938
**Report Date:** 08/04/26

## Sample Receipt and Container Information

Were project specific reporting limits specified? YES

### Cooler Information

| Cooler | Custody Seal |
|---|---|
| NA | Present/Intact |

### Container Information

| Container ID | Container Type | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal | Frozen Date/Time | Analysis(*) |
|---|---|---|---|---|---|---|---|---|---|
| L2648938-01A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-02A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-03A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-04A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-05A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-06A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | TO15-LL(30) |
| L2648938-07A | Canister - 2.7L (Batch Certified) | NA | NA | | | Y | Present/Intact | | CLEAN-FEE() |



*Values in parentheses indicate holding time in days

| | | | |
|---|---|---|---|
| **Project Name:** | 1001 KIMBERTON RD | **Lab Number:** | L2648938 |
| **Project Number:** | 26011098.01 | **Report Date:** | 08/04/26 |

## GLOSSARY

***Acronyms***

| | |
|---|---|
| DL | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| EDL | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME). |
| EMPC | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration. |
| EPA | - Environmental Protection Agency. |
| LCS | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LCSD | - Laboratory Control Sample Duplicate: Refer to LCS. |
| LFB | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes. |
| LOD | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| LOQ | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)<br><br>Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| MDL | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| MS | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values. |
| MSD | - Matrix Spike Sample Duplicate: Refer to MS. |
| NA | - Not Applicable. |
| NC | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit. |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine. |
| NI | - Not Ignitable. |
| NP | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil. |
| NR | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests. |
| RL | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable. |
| RPD | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples. |
| STLP | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315. |
| TEF | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD. |
| TEQ | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values. |
| TIC | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations. |

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 1001 KIMBERTON RD | **Lab Number:** | L2648938 |
| **Project Number:** | 26011098.01 | **Report Date:** | 08/04/26 |

***Footnotes***

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

***Terms***

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

***Data Qualifiers***

**A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

**B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

**C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

**D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

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

**F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

**G** - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

**H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

**I** - The lower value for the two columns has been reported due to obvious interference.

**J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

*Report Format: DU Report with 'J' Qualifiers*

| | | | |
|---|---|---|---|
| **Project Name:** | 1001 KIMBERTON RD | **Lab Number:** | L2648938 |
| **Project Number:** | 26011098.01 | **Report Date:** | 08/04/26 |

***Data Qualifiers***

estimated.

**M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

**ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

**NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

**P** - The RPD between the results for the two columns exceeds the method-specified criteria.

**Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

**R** - Analytical results are from sample re-analysis.

**RE** - Analytical results are from sample re-extraction.

**S** - Analytical results are from modified screening analysis.

**V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

**Project Name:** 1001 KIMBERTON RD
**Project Number:** 26011098.01
**Lab Number:** L2648938
**Report Date:** 08/04/26

## REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

## LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

# ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

## Certification Information

**The following analytes are not included in our Primary NELAP Scope of Accreditation:**

**PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**
**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
**EPA 8270E:** NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
**SM4500**: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

**PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**
**SM 2540D:** TSS.
**Biological Tissue Matrix:** EPA 3050B

**PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048**
**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
**MADEP-APH.**

**PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028**
**EPA 524.2:** 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
**EPA 625.1:** 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
**EPA 8081B NPW and SCM:** Alachlor, Endrin Ketone, Hexachlorobenzene.
**EPA 8260D NPW:** Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
**EPA 8270E: NPW:** Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
**EPA TO-13:** Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
**EPA TO-4A Pesticide Air:** delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
**SM4500: NPW:** Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

**The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:**

**PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**
**Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

**The following analytes are included in our Massachusetts DEP Scope of Accreditation:**

**PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

***Drinking Water***
**EPA 300.0**: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
**EPA 504.1:** EDB, DBCP.
**Microbiology**: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

***Non-Potable Water***
**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
**Microbiology**: **SM9223B-Colilert-QT; Enterolert-QT.**

**PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

***Drinking Water***
**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
**EPA 522, EPA 537.1.**

***Non-Potable Water***
**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
**EPA 200.8:** Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
**EPA 245.1:** Hg. **EPA 245.7:** Hg.
**SM2340B**

# ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

**PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028**

***Drinking Water***
**EPA 300.0**: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
**SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.**
**EPA 537.1; EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
**Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.**

***Non-Potable Water***
**SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1,** NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
**EPA 624.1:** Volatile Halocarbons, Volatile Aromatics.
**EPA 608.3:** Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
**EPA 625.1:** SVOC-Acid Extractables and Base/Neutrals
**Microbiology: SM9223B-Colilert:** E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

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**Certification IDs:**

**PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

**PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

**PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048**
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

**PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028**
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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For a complete listing of analytes and methods, please contact your Project Manager.

# AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

**CHAIN OF CUSTODY**

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/1/26

Pace® Job #: L2648938

## Client Information

Client: ARM Group LLC
Address: 515 S. Franklin St.
West Chester, PA 19382
Phone: 267 804 5541
Fax:
Email: WFernandez@armgroup.net
☐ These samples have been previously analyzed by Pace

## Project Information

Project Name: 1001 Kimberton Rd
Project Location:
Project #: 260110980.01
Project Manager: Ryan Stankiewicz
Pace® Quote #:

## Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

## Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

## Billing Information

☒ Same as Client info PO #:

## Regulatory Requirements/Report Limits

| State/Fed | Program | Res / Comm |
|---|---|---|
| | | |
| | | |
| | | |

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

**All Columns Below Must Be Filled Out**

| PACE Lab ID (Lab Use Only) | Sample ID | COLLECTION End Date | Start Time | End Time | Initial Vacuum | Final Vacuum | Sample Matrix* | Sampler's Initials | Can Size | ID Can | ID - Flow Controller | ANALYSIS TO-15 | TO-15 SIM | APH Subtract Non-petroleum HCs ☐ | Fixed Gases | Sulfides & Mercaptans by TO-15 | | | Sample Comments (i.e. PID) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48938-01 | SV-1 | 7/30/26 | 938 | 1012 | -29.20 | -3.35 | SV | WKF | 2.7 | 3414 | 03243 | X | | | | | | | PID: 2.8 ppm |
| -02 | SV-2 | 7/30/26 | 950 | 1022 | -28.29 | -2.78 | SV | WKF | 2.7 | 188 | 0199 | X | | | | | | | 0.6 ppm |
| -03 | SV-3 | 7/30/26 | 1001 | 1027 | -25.10 | -3.59 | SV | WKF | 2.7 | 1066 | 01506 | X | | | | | | | 1.4 ppm |
| -04 | SV-4 | 7/30/26 | 1105 | 1137 | -22.01 | -3.29 | SV | WKF | 2.7 | 4436 | 01160 | X | | | | | | | 1.7 ppm |
| -05 | SV-5 | 7/30/26 | 1120 | 1152 | -27.59 | -3.25 | SV | WKF | 2.7 | 2230 | 01554 | X | | | | | | | 0.5 ppm |
| -06 | SV-6 | 7/30/26 | 1141 | 1211 | -28.41 | -4.29 | SV | WKF | 2.7 | 2191 | 03133 | X | | | | | | | 0.6 ppm |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

| Relinquished By: | Date/Time | Received By: | Date/Time: |
|---|---|---|---|
| Wilkes-Barre Storage | 7/30/26 1430 | Wilkes-Barre Storage | 7/30/26 1430 |
| Anthony Green | 7/31/26 1131 | Anthony Green | 7/31/26 1131 |
| | | | JUL 31 2026 2310 |



Form No: 101-02 Rev: (25-Sep-15)

# Sample Delivery Group Summary

Pace Job Number : L2648938

Account Name : ARM Group, LLC
Project Number : 26011098.01
Project Name : 1001 KIMBERTON RD

Received : 31-JUL-2026
Reviewer : Christopher J Anderson

## Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

## Cooler Information

| Cooler | Seal/Seal# | Preservation | Temperature(°C) | Additional Information |
|---|---|---|---|---|
| NA | Present/Intact/NA | | | |

## Condition Information

| | |
|---|---|
| 1) All samples on COC received? | **YES** |
| 2) Extra samples received? | **NO** |
| 3) Are there any sample container discrepancies? | **NO** |
| 4) Are there any discrepancies between COC & sample labels? | **NO** |
| 5) Are samples in appropriate containers for requested analysis? | **YES** |
| 6) Are samples properly preserved for requested analysis? | **YES** |
| 7) Are samples within holding time for requested analysis? | **YES** |
| 8) All sampling equipment returned? | **YES** |

## Volatile Organics/VPH

| | |
|---|---|
| 1) Reagent Water Vials Frozen by Client? | **NA** |