Periodic Review Report (PRR)

Halletts Point Building 2 and
26th Avenue
26-02 1st Street
and
Halletts Point Building 3 and
27th Avenue
26-40 1st Street
Astoria, New York 11102

May 26, 2026

Prepared for:

Halletts Building 2 SPE LLC and
Halletts Building 3 SPE LLC

Prepared by:

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Executive Summary

The Halletts Point Buildings 2 and 3 Site located in the Astoria section of Queens, New York has been remediated as part of the New York State (NYS) Brownfield Cleanup Program (BCP), Site No. C241192. The remedy consisted of a combined Track 1/Track 4 cleanup, with Track 1 cleanup achieved within the support of excavation (SOE) area and Track 4 controls implemented outside the SOE within the BCP Site boundary.

The approximately 2.966-acre Site is located along the East River and is bounded by Whitey Ford Ballfield and the East River to the north, an empty lot and Halletts Point Playground to the south, 1st Street to the east, and the East River to the west. Historically, the Site and surrounding area were used for industrial purposes, including lumber storage and wood dipping operations, and portions of the Site were historically associated with gas works and other industrial activities. Prior investigations identified impacts in soil, groundwater, and soil vapor. Soil impacts primarily consisted of semivolatile organic compounds (SVOCs), particularly polycyclic aromatic hydrocarbons (PAHs), as well as metals including arsenic, copper, lead, mercury, and others above applicable NYSDEC Soil Cleanup Objectives (SCOs). Groundwater impacts included localized detections of PAHs, metals, and trichloroethene (TCE) above NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). Soil vapor investigations identified petroleum-related and chlorinated volatile organic compounds (VOCs) throughout portions of the Site.

The selected remedy included excavation and off-site disposal of contaminated soil, installation of a secant wall SOE system, localized hotspot excavation, implementation of a Track 4 cover system outside the SOE, and installation of a vapor/waterproofing barrier beneath the buildings. Within the SOE area, soil was excavated to competent bedrock to achieve a Track 1 cleanup. Outside the SOE, remaining contamination is managed under a Track 4 remedy through implementation of Engineering Controls (ECs) and Institutional Controls (ICs).

The Site has been redeveloped with two mixed-use buildings, associated landscaped areas, paved walkways, and a waterfront esplanade. Engineering Controls for the Site consist primarily of the Site Cover System in the Track 4 areas, which includes a two-foot clean soil cover, concrete sidewalks, asphalt paving, riprap, and clean stone. Institutional Controls include restrictions limiting the Track 4 portion of the Site to restricted residential, commercial, or industrial use, prohibition of groundwater use without regulatory approval, and requirements that any future intrusive work be conducted in accordance with the Site Management Plan (SMP).

The Monitoring and Sampling Plan requires annual site inspections to confirm the continued effectiveness of the Engineering and Institutional Controls. Site-wide inspections are to be performed at least annually by a Qualified Environmental Professional while the Environmental Easement remains in effect. No active groundwater remedial system or long-term groundwater monitoring program is required for the Site. All monitoring wells were decommissioned prior to redevelopment construction.

The inspection of the cover system and the Site was conducted on April 24, 2026, and all aspects of the ECs and ICs were found to be active and in practice. This was the first required inspection following the issuance of the Certificate of Completion (COC) in December 2024. A Site Inspection Form is included as Appendix B.

PRR submittals are currently scheduled for submittal on an annual basis. Based on these latest results, Roux recommends the PRR to be submitted every 3 years. Site inspections will continue to be performed on an annual basis.

1. Introduction

This Periodic Review Report (PRR) has been prepared, as required, as an element of the remedial program at the Halletts Point Buildings 2 and 3 Site (hereinafter referred to as the "Site") under the New York State (NYS) Brownfield Cleanup Program (BCP) administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index # C241192, which was executed on March 27, 2017.

1.1 Site Background

The Site is located at 26-02 1st Street and 26-50 1st Street in the Astoria section of Queens County, New York and is identified as Block 916, Lot 10 on the New York City Tax Map (see Figure 1). The approximately 2.966-acre Site is located along the East River waterfront in Astoria, Queens.

The Site is zoned residential and is currently developed with two mixed-use buildings, associated landscaped areas, paved walkways, and a waterfront esplanade. The remedial program for the Site included a combined Track 1/Track 4 cleanup approach. Track 1 cleanup objectives were achieved within the support of excavation (SOE) area where excavation was completed to competent bedrock. Areas outside of the SOE were remediated under a Track 4 approach and include Engineering Controls (ECs) and Institutional Controls (ICs) to manage remaining contamination beneath the Site Cover System.

The surrounding area primarily includes a combination of park space, residential housing, manufacturing, and commercial properties. Properties immediately south of the Site include vacant lots and Halletts Point Playground; properties immediately north of the Site include Whitey Ford Ballfield and the East River; properties immediately east of the Site include residential and commercial/manufacturing properties; and the East River is located immediately west of the Site.

1.2 Site History and Current Conditions

Prior to the remedial action and redevelopment, the Site was vacant and underutilized industrial waterfront property. Historically, the Site and surrounding area were used for a variety of industrial and commercial purposes, including lumber storage, wood dipping operations, gas works-related activities, and other industrial uses dating back to the early 1900s.

The Site has since been redeveloped as part of the Halletts Point development project and currently consists of two mixed-use residential/commercial buildings with associated landscaped areas, paved walkways, and a waterfront esplanade. The remedial action and Site redevelopment were completed in accordance with the approved remedial program, including implementation of the Site Cover System and associated ECs. A Certificate of Completion (COC) was issued for the Site following completion of the remedial program in December 2024.

1.3 Nature and Extent of Contamination

Soil

Remaining soil contamination following completion of the remedial action is limited to the Track 4 areas of the Site located outside the support of excavation (SOE) boundary where a restricted residential cleanup was achieved through implementation of ECs, including the Site Cover System. Within the SOE boundary, soil was excavated to competent bedrock and Track 1 cleanup objectives were achieved. Remaining

contamination beneath the Track 4 area primarily consists of semivolatile organic compounds (SVOCs), including polycyclic aromatic hydrocarbons (PAHs), metals, polychlorinated biphenyls (PCBs), and localized per- and polyfluoroalkyl substances (PFAS) above applicable NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) and/or Protection of Groundwater SCOs (PGSCOs). All remaining impacted soil is covered by the Site Cover System and associated demarcation layer. No exposed contaminated soil remains onsite.

Groundwater

Groundwater impacts identified at the Site during the Remedial Investigation (RI) primarily consisted of localized detections of VOCs, SVOC), metals, and pesticides above NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). Trichloroethene (TCE) was the only VOC detected above AWQSGVs and was identified in a localized area associated with a soil hotspot that was subsequently excavated as part of the remedial action. SVOCs, primarily PAHs, and certain dissolved metals were also detected above AWQSGVs in select groundwater samples. Based on the results of the RI and completion of hotspot excavations during the remedial action, no active groundwater remedy was determined to be necessary for the Site. All monitoring wells were decommissioned prior to redevelopment construction. Following the remedial action the use of groundwater as a source of potable or process water is prohibited.

Soil Vapor

Soil vapor investigations completed during the RI identified petroleum-related VOCs and chlorinated VOCs across portions of the Site. Detected compounds included petroleum hydrocarbons, benzene, toluene, ethylbenzene, xylenes, and chlorinated VOCs at varying concentrations. The highest concentrations were identified in the northern and southern portions of the Site and were generally associated with historical industrial Site uses and impacted soil. Due to excavation of soils to bedrock within the building footprints and the installation of a vapor/waterproofing barrier beneath the buildings as part of redevelopment, additional soil vapor intrusion evaluation was not required under the approved remedy.

A desktop vapor intrusion investigation was performed and no soil vapor sampling was required to be completed as part of the remedial action.

1.4 Summary of Remedial Actions

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Remedial Action Work Plan (RAWP), and the Decision Document dated October 2017. The following are the components of the selected remedy to meet combined Track 1 (Unrestricted) and Track 4 (Restricted Residential) use:

1. A remedial program was implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedy. Green remediation principles and techniques were implemented to the extent feasible during design, implementation, and long-term site management in accordance with DER-31. Green remediation measures included reducing greenhouse gas emissions, minimizing waste generation, maximizing reuse and recycling of materials, improving energy efficiency, integrating the remedy with redevelopment, and incorporating sustainable construction practices into redevelopment of the Site. An environmental footprint analysis and climate change vulnerability assessment were also completed as part of the remedial program.
2. Installation of a support of excavation (SOE) system consisting of a secant wall to facilitate remedial excavation and redevelopment activities within the building footprint areas.
3. Excavation and off-site disposal of contaminated soil/fill within the SOE boundary to facilitate redevelopment and achieve Track 1 cleanup objectives. Soil within the SOE was excavated to

competent bedrock. Additional localized hotspot excavations were completed for trichloroethene (TCE)-impacted soil in the southern street stub area and polycyclic aromatic hydrocarbon (PAH)-impacted soil along the waterfront portion of the Site. Excavation and grading activities were also completed in the Track 4 areas to support landscaping and utility installation.

4. Off-site disposal of approximately 63,000 tons of non-hazardous soil and fill material and approximately 23,960 tons of concrete and rock at appropriately permitted disposal facilities.
5. Site monitoring for airborne volatile organic compounds (VOCs) and particulate matter in accordance with the NYSDEC-approved Community Air Monitoring Plan (CAMP) during all ground-intrusive and soil handling activities.
6. Implementation of dust suppression and odor control measures during all excavation and soil handling activities.
7. Excavation and removal of six underground storage tanks (USTs) encountered during remedial excavation activities.
8. Installation and operation of a dewatering and water treatment system to facilitate excavation activities. Approximately 2,617,710 gallons of groundwater were extracted, treated, and discharged in accordance with the applicable permit requirements.
9. Collection and analysis of post-excavation endpoint soil samples to evaluate attainment of applicable Restricted Residential Soil Cleanup Objectives (RRSCOs) and Protection of Groundwater SCOs (PGSCOs) within the Track 4 areas, along with photographic documentation of competent bedrock conditions within the Track 1 excavation areas.
10. Implementation of erosion and sediment controls throughout remedial construction activities.
11. Screening of excavated materials for evidence of contamination using visual observations, odor assessment, and photoionization detector (PID) monitoring during all intrusive activities.
12. Importation and placement of clean fill materials meeting the requirements of 6 NYCRR Part 375-6.7(d) for backfilling excavation areas, establishing construction access areas, waterfront stabilization, utility bedding, and subgrade construction support.
13. Construction and maintenance of a Site Cover System within the Track 4 areas consisting of a combination of clean soil cover, concrete sidewalks, asphalt paving, pavers, riprap, and clean stone to prevent exposure to remaining contamination.
14. Installation of a vapor/waterproofing barrier beneath the building foundations as part of redevelopment construction.
15. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to remaining contamination at the Site.
16. Development and implementation of a Site Management Plan (SMP) for long-term management of remaining contamination in accordance with the Environmental Easement, including provisions for Institutional Controls (ICs), ECs, inspections, operation and maintenance, and reporting.
17. Periodic certification of the institutional and engineering controls listed above.

2. IC/EC Plan Compliance

Since remaining contaminated soil, groundwater and soil vapor exist beneath the Site, IC/ECs are required to protect human health and the environment. The ECs and ICs for the Site are listed below.

2.1 Engineering Controls

The following section describes the ECs implemented at the Site.

2.1.1 Cover System

Exposure to remaining contamination at the Site is prevented by the engineered Site Cover System constructed as part of the remedial program. Within the Track 4 areas of the Site, the cover system consists of a combination of a two-foot clean soil cover, concrete sidewalks, asphalt paving, pavers, riprap, clean stone, and landscaped areas underlain by a demarcation layer, as applicable. Within the redeveloped building areas, the Site is covered by building foundation slabs and associated hardscape improvements.

Within the Track 1 areas located inside the support of excavation (SOE), soil was excavated to competent bedrock and the building foundations were constructed directly over the excavation areas. Vapor/waterproofing barriers were installed beneath the building foundations as part of redevelopment construction. The Site Cover System and associated Engineering Controls (ECs) prevent exposure to remaining contaminated material and are maintained in accordance with the requirements of the Site Management Plan (SMP).

2.1.2 Status and Effectiveness of ECs

The existing cover system is intact and functioning as required.

2.2 Institutional Controls

The site remedy requires that an environmental easement be placed on the Track 4 Restricted Residential portion of the property to (1) implement, maintain and monitor the ECs; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of portions of the Site to Restricted Residential uses in the Track 4 area. The environmental easement for the site was executed by the Department on November 6, 2024, and filed with the Queens County Office of the City Register on November 20, 2024.The County Recording Identifier number for this filing is 2024000304590. These ICs stated in the Environmental Easement include:

The property may be used for restricted residential, commercial, or industrial use. All ECs must be operated and maintained as specified in the SMP.

All ECs must be inspected and certified at a frequency and in a manner defined in the SMP.

- The property may be used for: restricted residential, commercial or industrial, use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Queens County Department of Health to render it

safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

- Information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted within the Final Engineering Report (FER), and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the site are prohibited.

2.2.2 Status and Effectiveness of ICs

The Environmental Easement has been executed and recorded.

2.3 IC/EC Certification

In accordance with NYSDEC's requirements for this Site, the IC/EC Certification form has been completed and has been provided in Appendix A as part of this PRR submission. This PRR and IC/EC Certification form covers the period from December 26, 2024 through April 26, 2026.

3. Site Monitoring and Sampling Plan Compliance Report

The various subsections below describe monitoring and sampling required as part of the remedy and also include an evaluation of the remedy performance, effectiveness, and protectivenes.

3.1 General

This Monitoring and Sampling Plan describes the measures for evaluating the ongoing performance and effectiveness of the remedy. Since the remedial action addressed contamination and no active groundwater remedy is required, the focus of this plan is on long-term inspection and compliance with institutional and engineering controls.This Monitoring and Sampling Plan describes the methods to be used for:

- Conducting annual inspections of the Site Cover System and other engineering controls (ECs);
- Assessing compliance with the Site's institutional controls (ICs) and the Environmental Easement; and
- Evaluating site conditions periodically to ensure the remedy continues to protect public health and the environment.

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Annual inspection procedures for the cover system and any associated controls;
- Inspection and maintenance requirements for the vapor barrier, cover system, or any remedial elements;
- Procedures for reporting findings in the Periodic Review Report (PRR); and
- Annual inspection and periodic certification.

3.2 Site-Wide Inspection

As part of the Site-wide inspection, the cover system will be inspected, maintained, and repaired as necessary to prevent public contact with historical fill or other soils that do not meet the SCOs required for the soil cover system. The cover system will be inspected annually. In accordance with DER-10, certification that a soil cover or site cap remains effective by inspection can be provided by a qualified environmental professional.

The inspection of the surface cover system will typically include inspection of the following:

- Hard surface cover for evidence of deep cracks, potholes, cuts, depressions and/or rutting exposing demarcation barriers and historic fill.
- Surface soil cover to identify any areas where there is evidence of:
    - Excessive settlement or erosion relative to the surrounding areas;
    - Excessive ponding of surface water that could damage the soil cover;
    - Exposed or damaged underlying demarcation barrier(s); and
    - Animal burrows or invasive deep-rooted vegetation that could compromise the integrity of the cover system.

- Modifications to the surface cover system with respect to repairs or changes in cover system construction.

3.3 Summary of Monitoring Completed During the Reporting Period

The below sections summarize the hoist area site cap installation activities and the site-wide inspection conducted during the Reporting Period.

3.3.1 Hoist Area Restoration

On May 12, 2025, restoration of the previously uncapped hoist area was completed as part of the final Site Cover System installation. One truck load of imported subsoil from ORI Recycling in Orangeburg, New York and one truck load of imported topsoil from The Dirt Company in Manorville, New York were delivered to the Site for use as part of the final cover system restoration. The imported materials were previously reviewed and approved in accordance with the requirements of the SMP. The import request form, approval email, and daily report from May 12, 2025 is attached in Appendix D.

Following placement of the imported materials, final grading and planting activities were completed within the restored area. On June 9, 2025, Roux confirmed during a Site inspection of the hoist area and verified that planting activities had been completed and that the final Site Cover System had been properly restored and installed in accordance with SMP requirements. Figures 2 and 3 show the updated Cover System for Buildings 2 and 3.

3.3.2 Site-Wide Inspection

On April 24, 2026, Roux performed a Site-wide inspection to meet the requirements for this reporting period. This inspection determined that all Site Cover System elements described herein were observed to be performing as designed during the reporting period and are protective of human health and the environment. The completed Site Inspection Checklist is provided in Appendix B and photographs taken during the Site-wide inspection are provided in the Photo Log included in Appendix C.

3.3.3 Green Remediation Metrics for Site Management

Per the SMP, NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology.

During the Reporting Period, consideration was given to coordination/consolidation of field activities, vehicle use and design materials to improve sustainability and minimize the environmental impact of enacting the remedy. A summary of green remediation metrics can be found in Appendix E.

3.4 Monitoring Deficiencies

None.

4. PRR Conclusions and Recommendations

4.1 Site Monitoring and Sampling Conclusions

Based on the inspections completed during the Reporting Period, the ECs and IC) at the Site remain in place and continue to function as intended. No deficiencies were identified that would impact the effectiveness of the remedy.

The Site Cover System was properly maintained during the Reporting Period and an annual Site-wide inspection was completed in accordance with the requirements of the SMP. In addition, restoration of the previously uncovered hoist area and installation of the final cover system in that area were completed and inspected during the reporting period.

4.2 Compliance with the SMP

During the reporting period, there has been full compliance with all components of the SMP. This includes the EC/IC Plan, the main provisions of which include maintenance of the cover system (EC) and adherence with the Site restrictions (IC). Compliance with the Monitoring Plan required annual inspection with cover system and the Site in general. These inspections were conducted on April 24, 2026.

4.3 Performance and Effectiveness of the Remedy

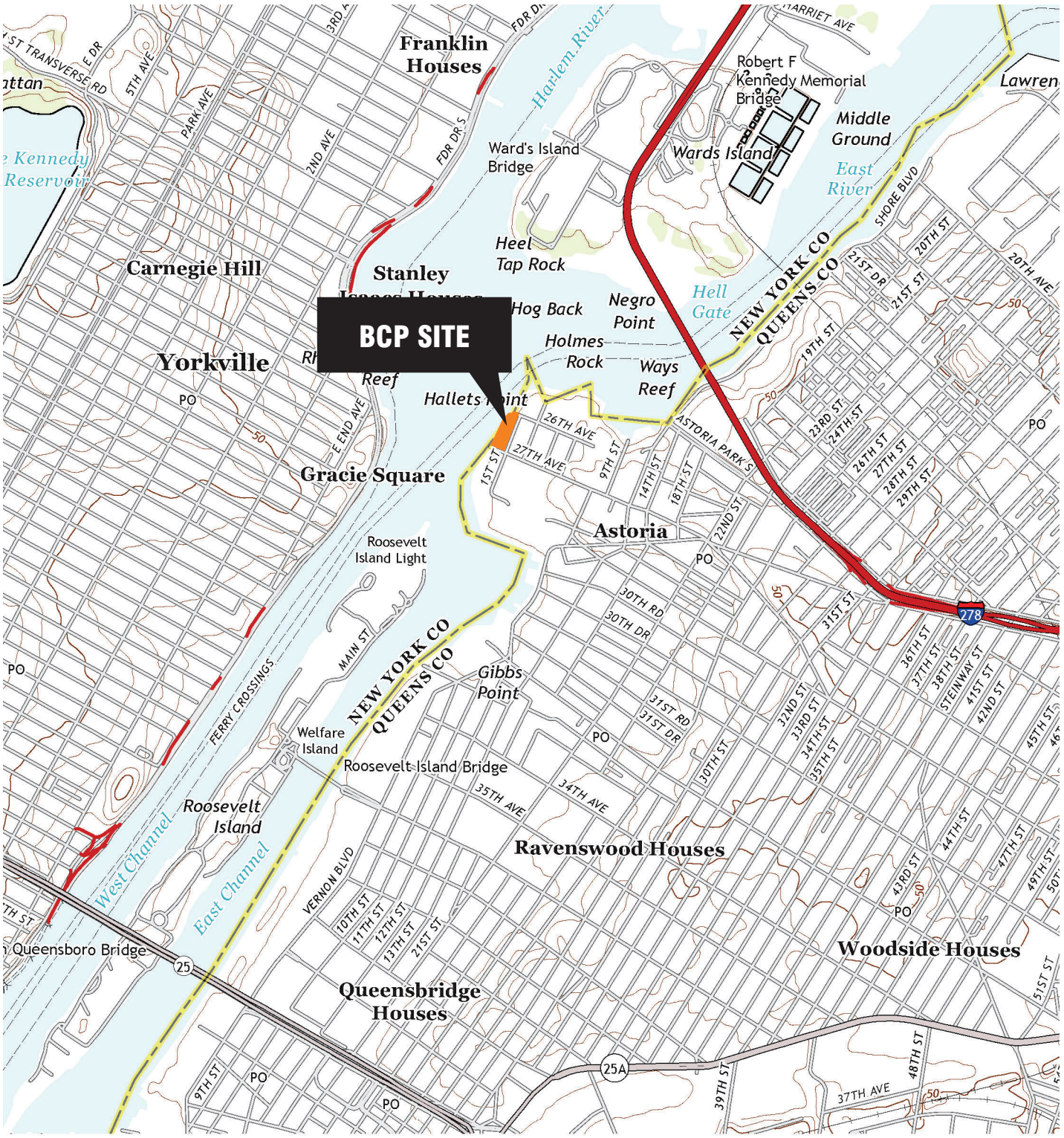
The Site remedy included maintenance of the existing cover system, execution of an Environmental Easement restricting future land use, and development of a SMP. All components of the remedy have been implemented. The cover system was fully installed in 2025. The remedy has been entirely effective in preventing contact with impacted soils beneath the cap and the easement remains in effect restricting use of the Site..

4.4 Future PRR Submittals and Recommendation

Based on the stable Site conditions, completion of redevelopment activities, and continued effectiveness of the ECs and ICs, Roux recommends the PRR to be submitted every 3 years. Site inspections will continue to be performed on an annual basis.

FIGURES

1. Site Location Map
2. Site Cover System Building 2
3. Site Cover System Building 3



QUADRANGLE LOCATION



SOURCE:
USGS; 2013, Central Park, NY-NJ
7.5 Minute Topographic Quadrangle

N

0 2000'

Title:

SITE LOCATION MAP

BUILDINGS 2 AND 3 - BCP SITE NO. C24119
26-40 1ST STREET, ASTORIA, NEW YORK
FINAL ENGINEERING REPORT

Prepared for:

HALLETTS BUILDING 3 SPE LLC

ROUX

Compiled by: D.K.	Date: 120JUN24	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr.: R.M.	Project No.: 1338.0010Y008	
File: 1338.0010Y286.01.CDR		

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MATERIALS NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS BEFORE COMMENCING ANY INSTALLATION. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN WRITING, PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION & CARE, DURING ALL OPERATIONS TO AVOID DISTURBING ADJACENT FACILITIES. ALL DAMAGE RESULTING FROM CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED AT NO EXPENSE TO THE OWNER, OR OTHER DISCIPLINES. ALL REPAIR WORK SHALL BE TO THE SATISFACTION OF THE OWNER AND LANDSCAPE ARCHITECT.
3. THE CONTRACTOR SHALL STOCKPILE MATERIAL IN APPROVED LOCATIONS AND APPROVED MANNER ONLY. SUBCONTRACTORS SHALL COORDINATE DELIVERY, TEMPORARY STORAGE, MATERIAL STOCKPILING, AND WORK SCHEDULE WITH THE GENERAL CONTRACTOR.
4. LOCATIONS OF EXISTING BUILDING APPURTENANCES SHALL BE VERIFIED IN THE FIELD.
5. SEE L-203, L-204, AND L-205 FOR LAYOUT PLANS. NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES.
6. CONTRACTOR SHALL LAYOUT AND MARK IN THE FIELD THE ALIGNMENT OF ALL PAVERS AND OTHER IMPROVEMENTS FOR REVIEW BY THE LANDSCAPE ARCHITECT. ADJUSTMENTS MAY BE MADE ONLY AS APPROVED BY THE LANDSCAPE ARCHITECT. CONTRACTOR MAY NOT PROCEED WITH CONSTRUCTION OF IMPROVEMENTS UNTIL RECEIVING FINAL APPROVAL OF THE LAYOUT FROM THE LANDSCAPE ARCHITECT.
7. FOR LAYOUT AND ORIENTATION OF PAVING PATTERN, REFER TO L-502. ORIENTATION AND SIZE SHOWN ON MATERIALS PLAN IS FOR DIAGRAMMATIC PURPOSES ONLY.

KEY	DETAIL NUMBER	LEGEND	TITLE
			PHASE LIMIT LINE
			PROPERTY LINE
			CELLAR LIMIT BELOW GRADE
			EXPOSED AGGREGATE CONCRETE PAVEMENT ON STRUCTURE
			EXPOSED AGGREGATE CONCRETE PAVEMENT ON GRADE
			EXPOSED AGGREGATE CONCRETE PAVEMENT EXPANSION JOINT
			PRECAST CONCRETE SEATING STEPS
			PRECAST CONCRETE UNIT PAVER ON STRUCTURE - HIGH SLAB, 6"x12" , 8"x12", 12"x12"
			PRECAST CONCRETE UNIT PAVER ON STRUCTURE - LOW SLAB, 6"x12" , 8"x12", 12"x12"

KEY	DETAIL NUMBER	LEGEND	TITLE
			PRECAST CONCRETE UNIT PAVER ON GRADE,6"x12" , 8"x12", 12"x12"
			WOOD DECKING
			PIP SAFETY SURFACE
			EXPOSED AGGREGATE CONCRETE WITH PULVERIZED SHELLS
			FLEXIBLE POROUS PAVING (GRASS PAVE)
			STABILIZED DECOMPOSED GRANITE
			CONCRETE PAVEMENT OVER STRUCTURE AT SIDEWALK
			WEATHERING STEEL PLANTER EDGE ON STRUCTURE
			WEATHERING STEEL PLANTER EDGE ON GRADE
			FLUSH PLANTED BED AT CONCRETE PAVERS AND CONCRETE PAVEMENT
			PRECAST CONCRETE FLUSH CURB
			FLUSH PRECAST CONCRETE CURB AT DRIVE AISLE
			RAISED PRECAST CONCRETE CURB AT DRIVE AISLE

KEY	DETAIL NUMBER	LEGEND	TITLE
			PRECAST SLOPED CONCRETE CURB AT DRIVE AISLE
			PRECAST CONCRETE CURB SCUPPER AT DRIVE AISLE
			C.I.P. CONCRETE CURB AT SIDEWALK W/ TREE RAIL
			MOUNTABLE CONCRETE CURB
			FLUSH CONCRETE CURB
			GUARDRAIL
			PLAYGROUND FENCE
			HANDRAIL AT RAMPS & STAIRS
			PLANTING
			RIPARIAN PLANTING AT RIPRAP
			LAWN
			BOULDER EDGE AT RIPRAP
			BOULDER EDGE AT RIPARIAN PATH
			LANDSCAPE BOULDER. TYP.
			STONE BLOCK BENCH(SEE FURNISHINGS PLAN)
			RIPRAP (SEE MARINE DRAWINGS)
			CUSTOM WOODEN BENCH
			DRAIN GRATES OVER STRUCTURE (SEE MEP DRAWINGS)
			LT01W (SEE LIGHTING DRAWINGS)
			LT02AW (SEE LIGHTING DRAWINGS)
			LT02W (SEE LIGHTING DRAWINGS)
			LT04W (SEE LIGHTING DRAWINGS)
			PLANTER DRAINS, REFER TO LANDSCAPE GRADING PLANS. FOR ALL OTHER SURFACE DRAINS, REFER TO CIVIL DRAWINGS.



LEGEND

- SOE FOOTPRINT – TRACK 1 AREA NO COVER REQUIRED
- SITE CAP – PLANT BED/LAWN
- SITE CAP – CONCRETE
- SITE COVER – DECORATIVE ROCK ON AGGREGATE BASE
- SITE COVER – RIP RAP
- SITE COVER – GRASS AND DECOMPOSED GRANITE
- BCP SITE BOUNDARY

Title:

SITE COVER SYSTEM BUILDING 2

BUILDING 2 AND 3 - BCP SITE NO. C241192
26-40 1ST STREET, ASTORIA, NEW YORK
PERIODIC REVIEW REPORT

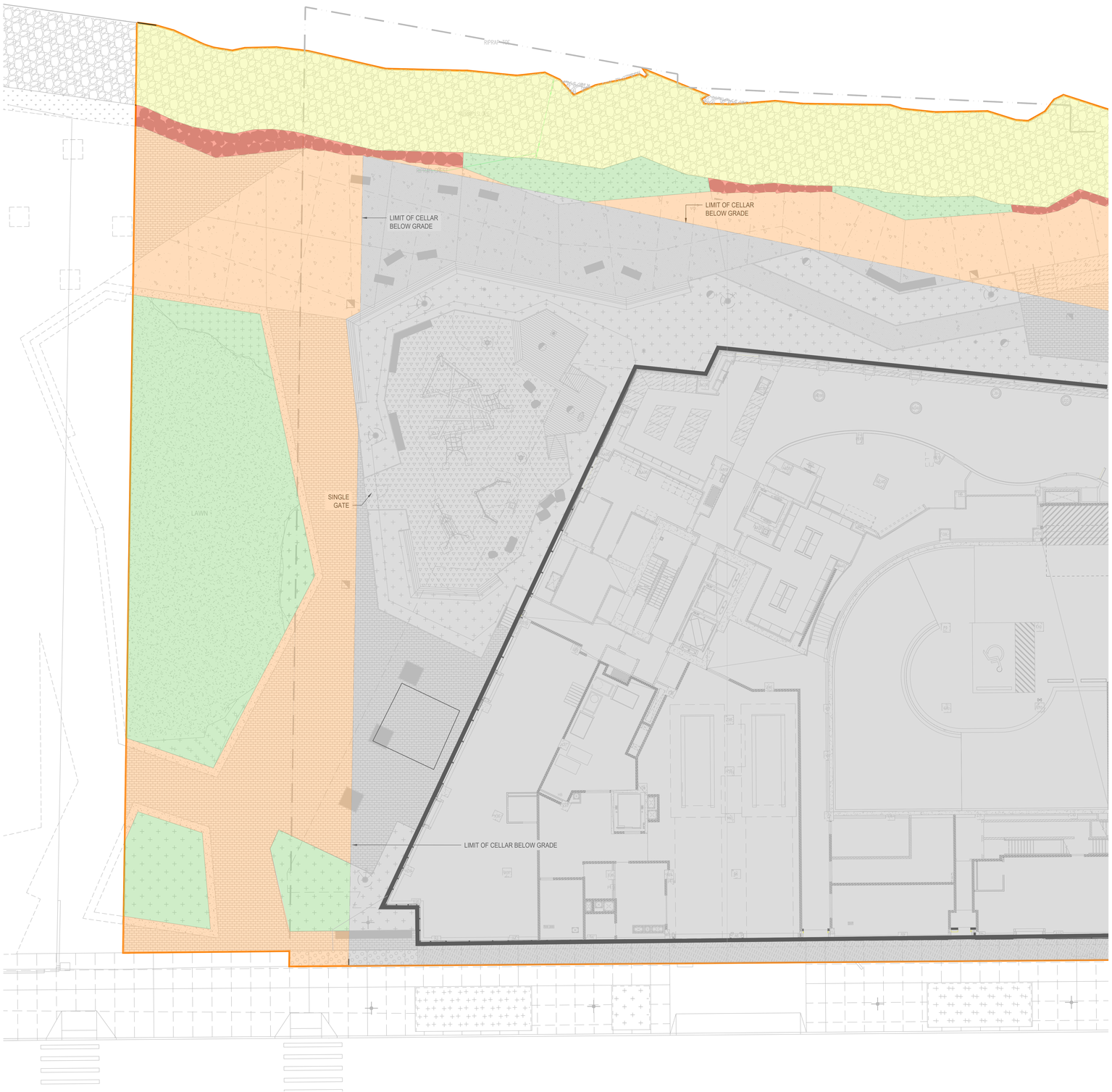
Prepared for:

HALLETS BUILDING 2 SPE LLC &
HALLETS BUILDING 3 SPC LLC

ROUX

Compiled by: R.M.	Date: 9/18/24	FIGURE
Prepared by: G.M.	Scale: AS SHOWN	2
Project Mgr: R.M.	Project: 1338.00101Y008	
File: 1338.00101Y289.02.DWG		

V:\CAD\PROJECTS\1338Y\00101Y289\1338.00101Y289.02.dwg



KEY	DETAIL NUMBER	LEGEND	TITLE
			PHASE LIMIT LINE
			PROPERTY LINE
			CELLAR LIMIT BELOW GRADE
			EXPOSED AGGREGATE CONCRETE PAVEMENT ON STRUCTURE
			EXPOSED AGGREGATE CONCRETE PAVEMENT ON GRADE
			EXPOSED AGGREGATE CONCRETE PAVEMENT EXPANSION JOINT
			PRECAST CONCRETE SEATING STEPS
			PRECAST CONCRETE UNIT PAVER ON STRUCTURE - HIGH SLAB, 6"x12" , 8"x12", 12"x12"
			PRECAST CONCRETE UNIT PAVER ON GRADE,6"x12" , 8"x12", 12"x12"
			WOOD DECKING
			PIP SAFETY SURFACE
			EXPOSED AGGREGATE CONCRETE WITH PULVERIZED SHELLS
			FLEXIBLE POROUS PAVING (GRASS PAVE)
			STABILIZED DECOMPOSED GRANITE
			CONCRETE PAVEMENT OVER STRUCTURE AT SIDEWALK
			WEATHERING STEEL PLANTER EDGE ON STRUCTURE
			WEATHERING STEEL PLANTER EDGE ON GRADE
			FLUSH PLANTED BED AT CONCRETE PAVERS AND CONCRETE PAVEMENT
			PRECAST CONCRETE FLUSH CURB
			FLUSH PRECAST CONCRETE CURB AT DRIVE AISLE
			RAISED PRECAST CONCRETE CURB AT DRIVE AISLE
			PRECAST SLOPED CONCRETE CURB AT DRIVE AISLE
			PRECAST CONCRETE CURB SCUPPER AT DRIVE AISLE
			C.I.P. CONCRETE CURB AT SIDEWALK W/ TREE RAIL
			MOUNTABLE CONCRETE CURB
			FLUSH CONCRETE CURB
			GUARDRAIL
			PLAYGROUND FENCE
			HANDRAIL AT RAMPS & STAIRS
			PLANTING
			RIPARIAN PLANTING AT RIPRAP
			LAWN
			BOULDER EDGE AT RIPRAP
			BOULDER EDGE AT RIPARIAN PATH
			LANDSCAPE BOULDER, TYP.
			STONE BLOCK BENCH(SEE FURNISHINGS PLAN)
			RIPRAP (SEE MARINE DRAWINGS)
			CUSTOM WOODEN BENCH
			DRAIN GRATES OVER STRUCTURE (SEE MEP DRAWINGS)
			LT01W (SEE LIGHTING DRAWINGS)
			LT02AW (SEE LIGHTING DRAWINGS)
			LT02W (SEE LIGHTING DRAWINGS)
			LT04W (SEE LIGHTING DRAWINGS)
			PLANTER DRAINS, REFER TO LANDSCAPE GRADING PLANS. FOR ALL OTHER SURFACE DRAINS, REFER TO CIVIL DRAWINGS.

LEGEND

- SOE FOOTPRINT – TRACK 1 AREA NO COVER REQUIRED
- SITE CAP – RAISED PLANT BED/LAWN
- SITE CAP – CONCRETE
- SITE COVER – DECORATIVE ROCK ON AGGREGATE BASE
- SITE COVER – RIP RAP
- SITE COVER – STONE PATH
- BCP SITE BOUNDARY

Title:

SITE COVER SYSTEM BUILDING 3

BUILDINGD 2 AND 3 - BCP SITE NO. C241192
26-40 1ST STREET, ASTORIA, NEW YORK

PERIODIC REVIEW REPORT

Prepared for:
HALLETS BUILDING 2 SPE LLC &
HALLETS BUILDING 3 SPC LLC

ROUX

Compiled by: R.M.	Date: 4/24/25	FIGURE
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: R.M.	Project: 1338.0010Y008	3
File: 1338.0010Y289.02.DWG		

V:\CAD_PROJECTS\1338Y\0010Y\289\1338.0010Y289.02.DWG

APPENDICES

A. IC and EC Certification Form
B. Annual Site Inspection Form
C. Annual Inspection Photograph Log
D. Hoist Area Restoration Documentation
E. Summary of Green Remediation Metrics for Site Management

APPENDIX A

IC and EC Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C241192

Site Name Halletts Point, Buildings 2 and 3

Site Address: 26-02 to 26-50 1st Street Zip Code: 11102
City/Town: Astoria
County: Queens
Site Acreage: 2.966

Reporting Period: December 26, 2024 to April 26, 2026

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below?	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C241192 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
916-10	Halletts Building 3 SPE LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

Imposition of an institutional control in the form of environmental easement for the Track 4 portion of the controlled property which will:
-require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for restricted-residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
- monitoring to assess the performance and effectiveness of the remedy in compliance with the Department approved Site Management Plan.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
916-10	Cover System

A site cover will be required to allow for restricted-residential use of the Track 4 portion of the site in areas where the upper two feet of exposed surface soil will exceed the restricted-residential soil cleanup objectives (SCOs). Where a soil cover is to be used it will be a minimum of two feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C241192

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Anthony Mastrolia (print name) at 1155 6th Avenue, New York, NY (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

DocuSigned by:
Anthony Mastrolia
821D5E69E83E4B7...

Authorized Signatory — 5/22/2026

Signature of Owner, Remedial Party, or Designated Representative — Date

Rendering Certification

EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Charles J. McGuckin, P.E at Roux Environmental Engineering and Geology DPC 209 Shafter Street Islandia NY 11749,

print name print business address

am certifying as a for the Remedial Party)

(Owner or Remedial Party)



Signature of , for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

May 26, 2026

Date

APPENDIX B

Annual Site Inspection Form

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY D.P.C.

SITE-WIDE MONITORING, INSPECTION, AND MAINTENANCE FORM

Client: **Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC**
Location: **26-01 1st Street and 26-40 1st Street, Queens, NY**
Inspector: Kevin Gray
Date: 04/24/2026

Site Observations:

Yes	No	
[ ]	[✓]	Have any site improvements been made since the last inspection?
[ ]	[✓]	Has there been any maintenance activity impacting the institutional and/or engineering controls?

-Include sketches or photos of observations

Inspection of Soil Cap:

Yes	No	
[ ]	[✓]	Is the underlying demarcation barrier exposed? If yes, refer to Page 3 for additional clarification.
[ ]	[✓]	Significant rills or gullies observed?
[ ]	[✓]	Significant bare spots observed?
[ ]	[✓]	Signs of settlement/subsidence observed?

Inspection of Asphalt/Concrete Caps:

Yes	No	
[✓]	[ ]	Were all asphalt and concrete areas inspected?
[ ]	[✓]	Were significant cracks observed?
[✓]	[ ]	Woody shrubs/trees observed greater than one-inch in diameter?
[ ]	[✓]	Was any other damage observed? If yes, refer to Page 3 for additional clarification.
[ ]	[✓]	Were any new concrete or asphalt penetrations observed? If yes, include description on Page 3.

-Include sketches or photos of observations

Inspection of Groundwater Usage:

Yes	No	
[ ]	[✓]	Is groundwater underlying the property being used for any purposes including, but not limited to, drinking water or industrial purposes?

Include additional information and details on Page 3 of this inspection form if the response to any of the above questions warrants additional explanation.

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY D.P.C.

SITE-WIDE MONITORING, INSPECTION, AND MAINTENANCE FORM

Client: **Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC**

Location: **26-01 1st Street and 26-40 1st Street, Queens, NY**

Inspector: Kevin Gray

Date: 04/24/2026

Inspection of Remaining Contaminated Material:

Yes	No	
[ ]	[✓]	Have there been any activities that caused a disturbance of remaining contaminated material since the last inspection?
[ ]	[✓]	If yes, were the activities conducted in accordance with the Site Management Plan (SMP)? -Include sketches or photos of observations

Inspection of Gardens and Farming:

Yes	No	
[ ]	[✓]	Is there any evidence of vegetable gardens and/or farming at the property? -Include sketched or photos of observations.

Site Records:

Yes	No	
[✓]	[ ]	Are site records up to date (e.g., Site Inspection Checklists)?

Inspection of Property Usage:

Yes	No	
[ ]	[✓]	Is the property being used for any purposed other than restricted residential, commercial, and/or industrial use?

Include additional information and details on Page 3 of this inspection form if the response to any of the above questions warrants additional explanation.

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

SITE-WIDE MONITORING, INSPECTION, AND MAINTENANCE FORM

Client: **Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC**

Location: **26-01 1st Street and 26-40 1st Street, Queens, NY**

Inspector: Kevin Gray

Date: 04/24/2026

Site Observations

Site cover was well maintained and even. Asphalt, concrete, and walkways were in good condition.

Drainage within landscaped areas was sufficient, no ponding or clogs observed.

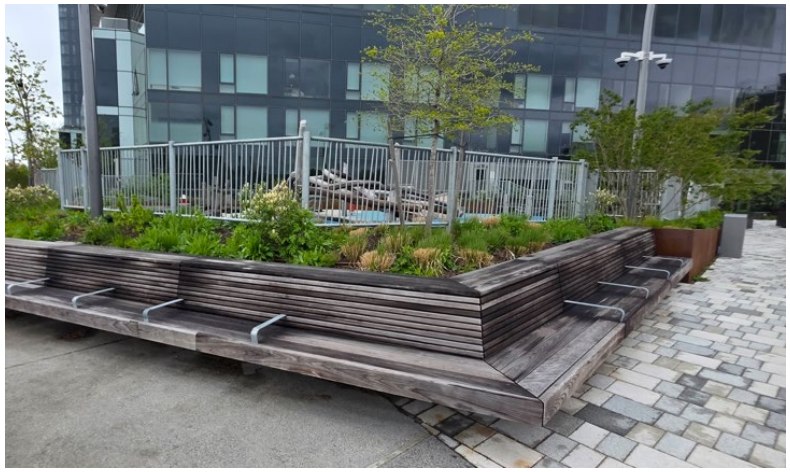
Additional Comments or Clarification Where Corrective Actions May Be Required:

APPENDIX C

Annual Inspection Photograph Log



1. Looking east at the south end landscaping near Building 3.



2. Looking north at the playground area in the Building 3 adjacent south area.



3. Looking north at the walkway along the East River.



4. Looking north at the raised plant beds along the East River walkway.



5. Looking east at the raised plant bed between Building 2 and Building 3.



6. Looking northwest at the planted area next to the rip rap along the East River.



7. Looking south at the walkway area along the East River.



8. Looking north at the walkway and planting area adjacent to the Park.



9. Looking east at the area north of Building 2.



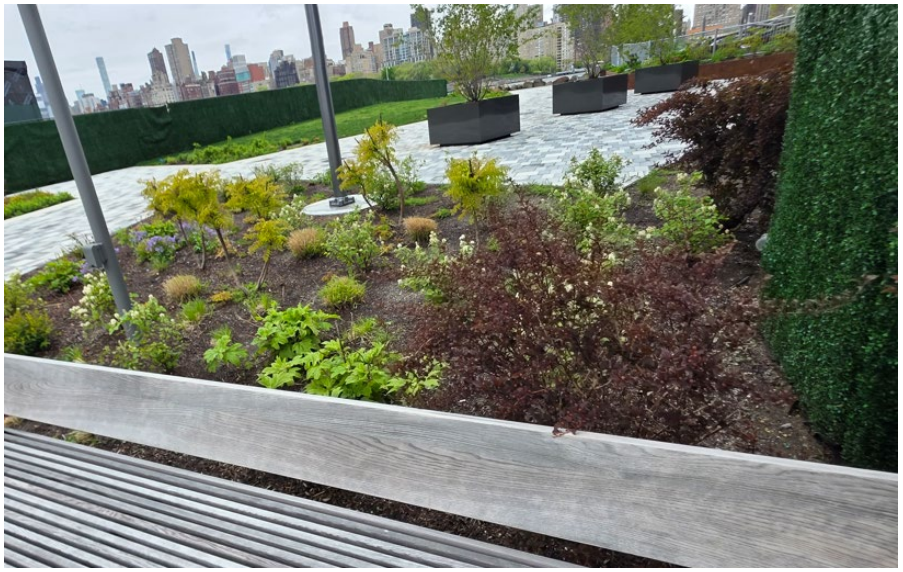
10. Looking northeast at the planting area north of Building 2.



11. Looking south at the sidewalk outside the Site along 1st Street.



12. Looking west at a planting area and the driveway between Building 2 and Building 3.



13. Looking west at the planting area in the former access road and hoist area.



14. Looking southwest at a planting area in the southern area adjacent to Building 3.



15. Looking east at the planting area in the former access road and hoist area.

APPENDIX D

Hoist Area Restoration Documentation

FIELD ACTIVITY REPORT

PROJECT NO.:	1338.0010Y008/1338.0010Y009	**CLIENT:**	**DATE:**	May 12, 2025
PROJECT:	Halletts Point Buildings 20, 30 BCP Site No. C241192	Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC	**WEATHER:**	Temp:60 °- 72°F, Sunny, RH: 35% Pres:30 .36" Hg, Wind: Northeast @ 2 MPH
LOCATION:	26-40 1st Street, Astoria, NY		**TIME:**	7:00 – 15:30

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Urban Atelier Group (UAG), Construction Manager/Contractor Let it Grow, Subcontractor • CAT 279C Skid Steer Loader	Maxwell Tanner– Roux, Onsite Environmental Monitor Rob Cerrone – UAG, Site Super Michael Rizzi – UAG, Site Super Joseph Montemarano – UAG, Site Super John – CRSG, Construction Safety Personnel Antonio Argueta – RNC, Foreman Chris Ebner - Let It Grow, Landscaping Foreman

SCOPE OF WORK:

Roux Environmental Engineering and Geology, D.P.C. (Roux) is onsite to observe the on-site activities in accordance to the NYSDEC approved Site Management Plan (SMP).

Description of work activities performed and general observations/comments:

- Two truck loads of soil were delivered.
- One truck load of subsoil from ORI Recycling in Orangeburg, NY was delivered for use as the final site cover.
- One truck load of topsoil from the Dirt Company in Manorville, NY was delivered for use as the final site cover.
- Let it Grow spread the subsoil over the demarcation layer and landscaping continued in the courtyard.
- Let It Grow continued placing pavers in the work area.

Offsite Disposal: None

CAMP data evaluation: CAMP was conducted from 7:00 to 14:00. There were no exceedances.

Sampling Performed: None.

Upcoming work activities anticipated:

- Let It Grow will complete planting in the courtyard for the final grading.

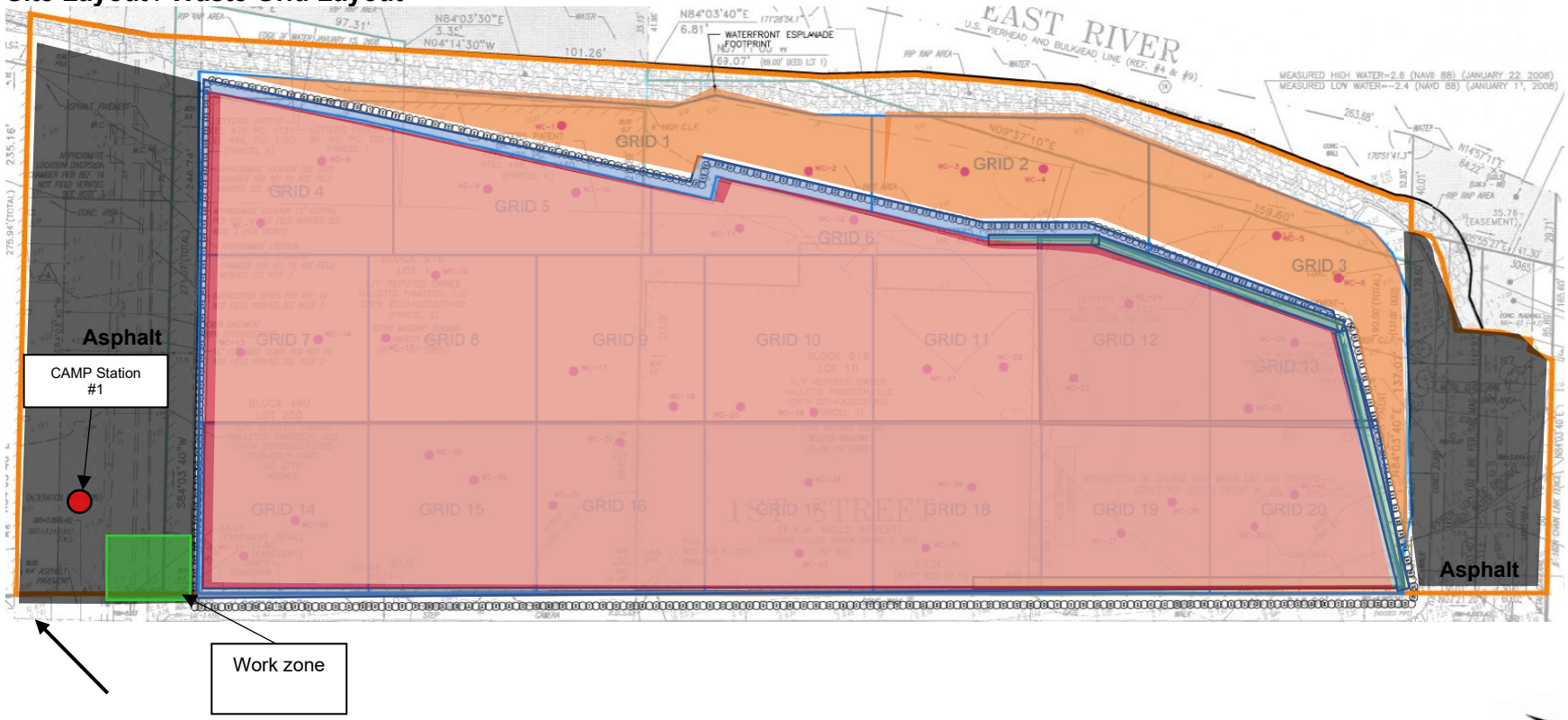
Name **Location** **Type of Export**	N/A		N/A		N/A	
Transport	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	N/A	N/A	N/A	N/A	N/A	N/A

Approved:	Rachel Miller	By:	Maxwell Tanner **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

FIELD ACTIVITY REPORT

PROJECT NO.:	1338.0010Y008/1338.0010Y009	**CLIENT:**	**DATE:**	May 12, 2025
PROJECT:	Halletts Point Buildings 20, 30 BCP Site No. C241192	Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC	**WEATHER:**	Temp:60 °- 72°F, Sunny, RH: 35% Pres:30 .36" Hg, Wind: Northeast @ 2 MPH
LOCATION:	26-40 1st Street, Astoria, NY		**TIME:**	7:00 – 15:30

Site Layout / Waste Grid Layout



Approved:	Rachel Miller	By:	Maxwell Tanner
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

FIELD ACTIVITY REPORT

PROJECT NO.:	1338.0010Y008/1338.0010Y009	**CLIENT:**	**DATE:**	May 12, 2025
PROJECT:	Halletts Point Buildings 20, 30 BCP Site No. C241192	Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC	**WEATHER:**	Temp:60 °- 72°F, Sunny, RH: 35% Pres:30 .36" Hg, Wind: Northeast @ 2 MPH
LOCATION:	26-40 1st Street, Astoria, NY		**TIME:**	7:00 – 15:30

PHOTOGRAPHS TAKEN TODAY:

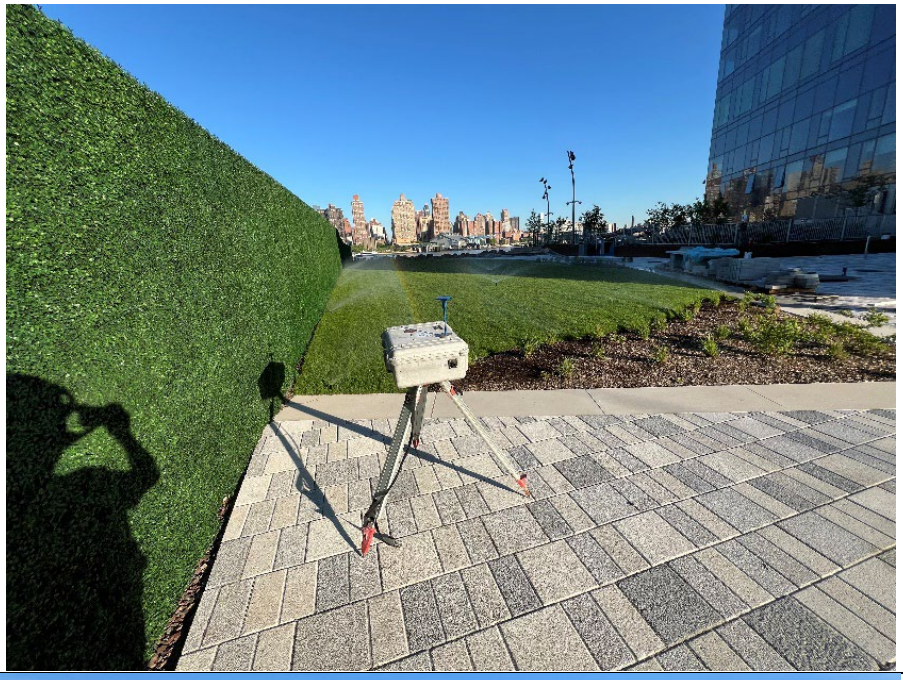


Photo 1: View facing west, view of downwind CAMP station.



Photo 2: View facing southwest, view of Let it Grow receiving a shipment of subsoil.

Approved:	Rachel Miller	By:	Maxwell Tanner
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

FIELD ACTIVITY REPORT

PROJECT NO.:	1338.0010Y008/1338.0010Y009	**CLIENT:**	**DATE:**	May 12, 2025
PROJECT:	Halletts Point Buildings 20, 30 BCP Site No. C241192	Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC	**WEATHER:**	Temp:60 °- 72°F, Sunny, RH: 35% Pres:30 .36" Hg, Wind: Northeast @ 2 MPH
LOCATION:	26-40 1st Street, Astoria, NY		**TIME:**	7:00 – 15:30



Photo 3: View facing north, view of let it grow spreading subsoil.



Photo 4: View facing west, view of soil in the work zone.

Approved:	Rachel Miller	By:	Maxwell Tanner
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.


N
0
100'
BCP SITE
East River
26TH AVENUE
STREET
MEAN WIND DIRECTION
NE @2mph
07:00-14:00
07:00-14:00
Station 1
Downwind
5/12/2025
Halletts Point Buildings 2 and 3
CAMP

Roux Associates, Inc.
Community Air Monitoring Program - DUST

Project: Halletts Point
PM: Rachel Miller
Location: Astoria, NY
Date: 5/12/2025

Downwind 1 Serial Number: 8530131402

Downwind 1		Corrected[1] Downwind	Comments
Time	Concentration [mg/m3]	Concentration [ug/m3]	
6:36:03 AM	0.024	0.024	
6:51:03 AM	0.014	0.014	
7:06:03 AM	0.011	0.011	
7:21:03 AM	0.010	0.010	
7:36:03 AM	0.010	0.010	
7:51:03 AM	0.009	0.009	
8:06:03 AM	0.012	0.012	
8:21:03 AM	0.013	0.013	
8:36:03 AM	0.007	0.007	
8:51:03 AM	0.009	0.009	
9:06:03 AM	0.010	0.010	
9:21:03 AM	0.012	0.012	
9:36:03 AM	0.008	0.008	
9:51:03 AM	0.011	0.011	
10:06:03 AM	0.015	0.015	
10:21:03 AM	0.010	0.010	
10:36:03 AM	0.011	0.011	
10:51:03 AM	0.008	0.008	
11:06:03 AM	0.008	0.008	
11:21:03 AM	0.010	0.010	
11:36:03 AM	0.011	0.011	
11:51:03 AM	0.009	0.009	
12:06:03 PM	0.015	0.015	
12:21:03 PM	0.016	0.016	
12:36:03 PM	0.012	0.012	
12:51:03 PM	0.011	0.011	
1:06:03 PM	0.009	0.009	
1:21:03 PM	0.010	0.010	
1:36:03 PM	0.011	0.011	
1:51:03 PM	0.015	0.015	
2:06:03 PM	0.028	0.028	

Roux Associates, Inc.
Community Air Monitoring Program - VOC

Project: Halletts Point
PM: Rachel Miller
Location: Astoria, NY
Date: 5/12/2025

Downwind Serial Number S023030321Q1

Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	VOC Average (ppm)	
6:40:30 AM	0.0	0.0	
6:55:30 AM	0.0	0.0	
7:10:30 AM	0.1	0.1	
7:25:30 AM	0.1	0.1	
7:40:30 AM	0.1	0.1	
7:55:30 AM	0.1	0.1	
8:10:30 AM	0.1	0.1	
8:25:30 AM	0.2	0.2	
8:40:30 AM	0.2	0.2	
8:55:30 AM	0.2	0.2	
9:10:30 AM	0.2	0.2	
9:25:30 AM	0.2	0.2	
9:40:30 AM	0.2	0.2	
9:55:30 AM	0.3	0.3	
10:10:30 AM	0.3	0.3	
10:25:30 AM	0.3	0.3	
10:40:30 AM	0.3	0.3	
10:55:30 AM	0.3	0.3	
11:10:30 AM	0.3	0.3	
11:25:30 AM	0.3	0.3	
11:40:30 AM	0.3	0.3	
11:55:30 AM	0.3	0.3	
12:10:30 PM	0.3	0.3	
12:25:30 PM	0.3	0.3	
12:40:30 PM	0.3	0.3	
12:55:30 PM	0.3	0.3	
1:10:30 PM	0.3	0.3	
1:25:30 PM	0.3	0.3	
1:40:30 PM	0.3	0.3	
1:55:30 PM	0.3	0.3	
2:10:30 PM	0.4	0.4	

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 1500

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Roux Environmental Engineering and Geology, D.P.C. (Roux) is requesting the import of 1,500 CY of soil from Organic Recycling Inc. (ORI) located at 121 NY-303, Tappan, NY 10983 to the Halletts Point Buildings 20 and 30 Site (C241192). Soil will be used as horticultural subsoil in the Track 4 area of the Site. A total of 3 composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and emerging contaminants and 9 grab samples were analyzed for VOCs. All analytical data meets Unrestricted Use SCOs.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

The material was sampled in accordance to DER-10 Table 5.4(e)10 and the soil met the Unrestricted Use SCOs for all analyses. The results table is attached. Samples for the horticultural subsoil are SS-1 to SS-12.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Let it Grow, Inc. on behalf of Organic Recycling Inc.

Location where fill was obtained:

Organic Recycling Inc., 121 NY-303, Tappan, NY 10983

Identification of any state or local approvals as a fill source:

ORI Rockland County - NYSDEC Registration Permit (see attachments)

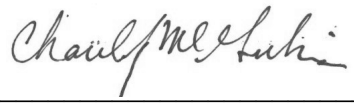
If no approvals are available, provide a brief history of the use of the property that is the fill source:

New York State Department of Environmental Conservation Permit is included in the attachment referenced below.

Provide a list of supporting documentation included with this request:

ORI Horticulture Soil-Specs, sieve analysis report, NYDEC Permit, Soil Samples Summary Table, Laboratory Data

The information provided on this form is accurate and complete.



Signature

3/28/2024

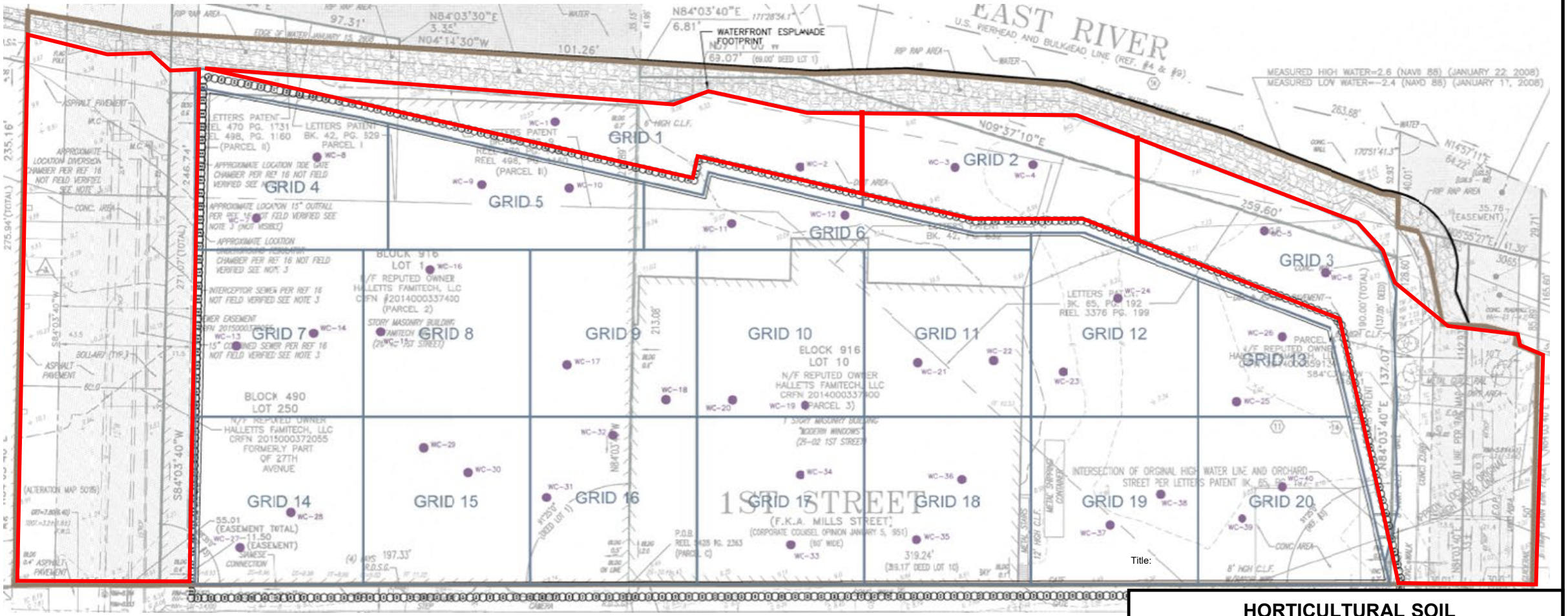
Date

Charles McGuckin, P.E.

Print Name

Roux Environmental Engineering and Geology, D.P.C.

Firm



Legend

Location for imported horticultural subbase soil

HORTICULTURAL SOIL BACKFILL LOCATIONS

26-40 1st Street, Astoria, New York

Prepared for:

Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC

ROUX

Compiled by: R.M.	Date: 3/28/2024	FIGURE
Prepared by: E.L.	Scale: NOT SHOWN	1
Project Mgr: R.M.	Project: 1338.0010Y008	
File: workingfile.ppt		

RECEIVED JAN 2 7 2016

PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
ORGANIC RECYCLING INC

117A RTE 303
TAPPAN, NY 10983

Facility:
ORGANIC RECYCLING COMPOSTING FACILITY
RTE 303 AT FORMER DRIVE-IN SITE
ORANGEBURG, NY 10962

Facility Location: in ORANGETOWN in ROCKLAND COUNTY
Facility Principal Reference Point: NYTM-E: 589.109 NYTM-N: 4543.083
Latitude: 41°02'02.7" Longitude: 73°56'23.7"
Project Location: east of NYS Route 303 at Exit 5 of Palisades Interstate Parkway
Authorized Activity: Continue to operate a yard waste composting facility for leaves, grass clippings and brush utilizing wood chips in the composting process. Approved design capacity shall not exceed 12,000 cubic yards per week.

The operating hours for the facility to accept and process yard waste shall be:
7:00 a.m. to 5:00 p.m., Monday through Saturday.

The facility shall not operate any earlier or later than the above specified hours.

The facility is not authorized to operate on Sundays.

Permit Authorizations

Solid Waste Management - Under Article 27, Title 7
Permit ID 3-3924-00177/00003 (Solid Waste ID 44Y09)
Renewal Effective Date: 1/22/2016 Expiration Date: 1/21/2026

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: SCOTT BALLARD, Deputy Regional Permit Administrator
Address: NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY 12561

Authorized Signature: _____ Date 1/22/16

Distribution List

JAMES J LANSING JR
TERRY LAIBACH
SALLY ROWLAND
Supervisor, Town of Orangetown
A. Roppolo, Executive Director - RCSWMA

Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. **Conformance With Plans** All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by Organic Recycling, Incorporated on December 15, 2014, Part 360 provisions, and the conditions contained in this permit (see Condition No. 12).

2. **Acceptable Waste** The facility is approved to accept the following waste:

Yard Waste - leaves, grass clippings, brush, wood chips. No plastic bags shall be accepted by the facility.

Receipt or disposal of any other solid waste is prohibited, unless prior approval by the Department is granted.

3. **Acceptance of Grass Clippings and Leaves** If the incoming waste contains grass clippings, the waste must be incorporated into windrows for active composting within 24 hours of acceptance. Leaves must be placed in windrows within seven days of acceptance.

4. **Other Material in Waste** The permittee shall notify the Regional Materials Management Supervisor in New Paltz if material other than those listed in Solid Waste Management Permit Condition No. 5 is found in the waste. If the compost is determined to be of unacceptable quality, it shall be disposed of in a matter acceptable to the NYSDEC Region 3 office. It shall be the responsibility of the permittee to recover and properly dispose of the compost if it becomes unacceptable after it has been applied or distributed.

5. Operating Hours and Design Capacity
The operating hours for the facility to accept and process yard waste shall be:

7:00 a.m. to 5:00 p.m., Monday through Saturday.

The facility shall not operate any earlier or later than these hours.

This facility is not authorized to operate on Sundays.

Design Capacity: Approved design capacity shall not exceed 12,000 cy/wk:

25,000 cy/yr. of leaves
25,000 cy/yr. of grass
50,000 cy/yr. of brush
10,000 cy/yr. of wood chips

6. Water Quality Protection Site grading shall be maintained in a manner which prevents ponding of surface water. Surface water runoff shall be directed to the lined surface water impoundment. A minimum of two (2) feet of freeboard shall be maintained in the surface water impoundment to prevent overflow and minimize hydraulic head on the liner. The impoundment shall be drained a minimum of once per year to allow inspection of the liner and any holes or defects shall be repaired. Liner inspections and repairs shall be documented in the annual report. The Department shall be notified within 24 hours in the event that a major release of leachate (more than 1000 gallons per day) occurs. Leachate from the impoundment may be used to irrigate the leaf compost windrows provided that the rate of application is controlled to prevent saturated conditions or runoff from the windrows. Excess leachate which is removed from the lagoon to prevent overflow and maintain freeboard shall be discharged to the municipal sewer system in accordance with the operation and maintenance manual approved by the Department. Records of the quantity and chemical quality of the leachate discharged to the municipal sewer system shall be provided in the annual report. The permittee shall carry out supplemental water quality monitoring as directed by the Department if requirements of this permit condition are not satisfied or if available data indicates a potential water quality impact.

7. Control Site Access Access to and use of the facility shall be controlled by fencing, gates, and signs. A sign posted at all access points shall state the hours of operation and the types of waste accepted by the facility.

8. **Variance From Section 360-5.7(b)(7)** In accordance with 360-1.7(c), the Department continues to approve the variance request from Sction 360-5.7(b)(7) for a reduction in distance from:

a) 50 feet to 25 feet to the Orangetown Wastewater Treatment Facility property line,

b) 200 feet to 100 feet to the Organic Recycling, Inc. horticultural facility provided the two businesses operate separately and distinctly from one another, and

c) 200 feet to 100 feet set back to the Sparkill Creek, provided that the permittee maintains a two foot perimeter berm adjacent to the Creek. The structural and aesthetic integrity of the berm must be maintained at al times.

The Department reserves the right to modify any of the variances should conditions warrant.

9. **Adequate Personnel** Adequate personnel shall be on-site to maintain proper operation of the facility at all times.

10. **Safety Hazards** Safety hazards to all persons at the facility shall be minimized at all times.

11. **Surface Drainage** Surface drainage must be controlled to prevent leachate runoff from the site.

12. **Terms of Operation, Approval for Changes** The facility shall be operated in conformance with:

a. The General Conditions of this permit,

b. The Solid Waste Management Conditions of this permit,

c. Current 6 NYCRR Part 360 Solid Waste Management Facilities regulations,

d. The 6 NYCRR Part 360 initial permit application dated August 1993, submitted under the signature of Mr. Robert Beckerle, P.E. (NYS License #057786) and permit renewal materials submitted 3/8/99 and 5/14/99,

e. Permit renewal materials submitted under the signature of Robert Beckerle, P.E. (License #057786-1) dated December 15, 2003,

f. Permit renewal materials submitted under the signature of Kurian L. Kalarickal, P.E. dated May 1, 2014, revised plans dated 8/28/14 and 1/15/15, response to Notice of Incomplete Application dated 9/17/14, and Operations and Maintenance Manual amended 12/15/14.

Any substantive revision to the above approved documents or to the operations at this site requires prior written approval from the Department.

13. **Required Submittals, Reporting & Record Keeping** Unless otherwise specified, all submissions required by this permit under the "Reports and Records" section shall be submitted as follows:

Two copies:
Regional Materials Management Supervisor
NYSDEC
21 South Putt Corners Road
New Paltz, NY 12561-1620

One copy:
NYSDEC
Division of Materials Management
625 Broadway
Albany, NY 12233-7253

One copy:
Executive Director
Rockland County Solid Waste Management Authority
99 Torne Valley Rd
Hillburn, NY 10931

All approvals required by this permit shall be obtained from either the Regional Materials Management Supervisor or the Regional Permit Administrator of the Region 3 office, dependent upon the specific permit condition requiring such approval.

CONSTRUCTION

14. **New Construction** At least ninety (90) days prior to commencement of any new construction, including subsequent phases, the permittee shall submit to the Department for its review and approval, engineering plans prepared by an individual who is licensed to practice engineering in the State of New York. Except for emergency repairs, no construction shall commence until written approval is received from the Department. All construction activities at this site must be supervised by an individual licensed to practice engineering in the State of New York.

15. **Emergency Repairs** Emergency repairs to facility components which result in a modification as defined above are undertaken at the risk of the permittee unless prior approval is granted by the Department. The permittee shall restore the facility to its previously approved configuration if directed to do so by the Department.

16. **Repair or Replacement** Prior approval is not required for the repair or replacement of a facility component provided that such repair or replacement does not result in a modification of the facility or any component of the facility and provided that the Department is notified in writing within 24 hours after the completion of the repair or replacement work.

17. **Plans and Specifications** All construction shall be in strict conformance with engineering plans and specifications prepared by a professional engineer (PE) licensed to practice in New York State, and any

revisions to those plans and reports which are approved in writing by the Department.

18. **Notifications** The permittee must notify the Department in writing and five (5) days prior to commencement of any construction, including subsequent phases of a construction project, to provide the Department with an opportunity to observe and inspect the construction.

19. **Certification** A Construction Certification Report signed, stamped and certified by a professional engineer (PE) licensed to practice in the State of New York, must be submitted to the Department within forty-five (45) days after completion of any construction. The construction certification report must certify that the construction was completed in accordance with the PE certified plans and/or reports and in compliance with all applicable 6 NYCRR Part 360 regulations. As-built drawings of the new construction and the entire facility, as well as photographs, shall be submitted to the Department as part of the Report.

ENVIRONMENTAL MONITOR

20. **Assignment** Pursuant to part 360-1.11(a), upon written notification by the Department, the permittee shall fund an on-site environmental monitor (OSEM). Department employees shall act as OSEMs at the facility, along with any other facility owned or operated by the permittee or permittee's parent corporation. The OSEM shall be present during all aspects of facility operation and construction at times designated by the department. It is not the intention of this condition to prevent the permittee from conducting such activities as are otherwise authorized by this permit if the OSEM is unable to be present at any particular time.

21. **Facilities** The permittee shall provide office space which shall at a minimum include a desk, chair, phone, internet connection, and any other appropriate office equipment required by the OSEM to undertake normal duties. This office space and equipment must be acceptable to the Department.

22. **Enviromental Monitor Account**

A. Upon written notification, the Permittee shall fund environmental monitoring services to be performed by or on behalf of the Department. These monitoring services will include, but not be limited to, the scope of work in an annual environmental monitoring work plan which is incorporated by reference and enforceable under this Permit.

B. The Permittee shall provide to the Department on an annual basis the funds necessary to support the activities set forth in the annual environmental monitoring work plan. The sum to be provided will be based on the annual budgeted amount and is subject to annual revision. Subsequent annual payments shall be made for the duration of this Permit or until the environmental monitoring services are no longer necessary, whichever comes first.

C. The Permittee shall be billed annually, prior to the start of each State Fiscal Year (April 1st of any year this permit remains in effect). If this Permit is to first become effective subsequent to April 1, the initial bill will be for an amount sufficient to meet the anticipated cost of the environmental monitoring services through the end of the current SFY.

D. The Department may revise the required annual bill on an annual basis to include all of the Department's estimated costs associated with the environmental monitoring services. The annual revision may take into account such factors as inflation, salary increases, changes in the fringe benefits rate, changes in operating hours and procedures, changes in non-personal service costs (including travel, training, sampling and analytical, and equipment costs, etc.), an increase or decrease in the level of environmental monitoring services necessary, and an increase or decrease in the number of environmental monitors. Upon written request by the Permittee, the Department shall provide the Permittee with a written explanation of the basis for any revisions.

E. Prior to making its annual payment, the Permittee will receive, and have an opportunity to review, an annual environmental monitoring work plan that the Department will undertake during the year.

F. Payments are to be made in advance of the period in which they will be expended and shall be made in full within 30 days of receiving a bill from the Department. The bill from the Department to the Permittee will provide information regarding to whom payments should be made payable and the address to which payments should be sent.

G. Failure to make the required payments shall be a violation of this Permit. The Department reserves all rights to take appropriate action to enforce the above payment provisions.

H. The environmental monitor shall, when present at any of the Permittee facilities, abide by all of the Permittee health and safety and operational requirements and policies, if such requirements and policies exist and provided they are not inconsistent with Department policies and labor management contracts, and further provided, however, that this shall not be construed as limiting the environmental monitor's powers as otherwise provided for by law and shall not result in the environmental monitor being afforded less protection than otherwise provided to the environmental monitor by State and Federal health and safety requirements.

I. The environmental monitor shall receive from the Permittee all general and site-specific safety training which is normally given to new facility/site employees for all areas of the facility or site. This training will be a supplement to the health and safety training that the environmental monitor receives from the Department.

J. Upon selection of the environmental monitor, the Permittee shall immediately furnish to the environmental monitor any facility/site health and safety and operational requirements and policies. Within five (5) days of any revision to the facility/site health and safety and operational requirements and policies, the Permittee shall furnish to the environmental monitor the health and safety and operational requirements and policies.

K. The environmental monitor shall be permitted to use environmental monitoring and data collection devices (e.g., photo ionization detectors, cameras, video recording devices, computers, cell phones, etc.) deemed necessary by the Department to evaluate and document observed conditions. Copies of the data or images collected from areas where confidentiality is a concern shall be provided to the Permittee upon their request. The Permittee may request the data and images be considered confidential information if appropriate.

L. It will remain the responsibility of the Permittee to contact the Spill Hotline or any Division within the Department regarding any required notification of any spill, release, exceedances etc. Notification to the environmental monitor will not be considered sufficient to replace any required notifications.

REPORTS and RECORDS

23. **Permit and Plans** A copy of this permit, along with all documents mentioned in the special conditions and documents required by 6 NYCRR Part 360, must be available for inspection by NYSDEC during operational hours at the project site.

The facility shall have an individual/individuals on site that is/are sufficiently trained in the implementation of the Contingency Plan and is/are sufficiently trained in incident response. The permittee shall be responsible for making these documents available for non-English speaking employees whose primary language is other than English. These documents must be available to employees no later than sixty (60) days after the effective date of this permit and/or the start of a new employee with special language requirements.

24. **Updates** All reports, plans and manuals, unless otherwise specified in the permit application or special conditions, must be updated no less frequently than renewal of the permit to operate. The permittee must submit revised plans and reports at any time that such revisions are necessary to comply with revised 6 NYCRR Part 360 regulations and/or whenever the permittee is notified by the Department that revisions are necessary to comply with applicable 6 NYCRR Part 360 regulations, regardless of whether or not such plans or reports have been previously approved. All updated plans, manuals, and reports must be prepared, stamped and signed by a Professional Engineer licensed to practice engineering in the State of New York.

25. **Daily Records** Daily operational records must be maintained for the facility and be available upon request by Department staff during inspections.

26. **Complaints** Any odor or other complaints about the operation of this facility must be documented, with a description of action taken to alleviate the concern and the results of the action (see Solid Waste Management Permit Condition No. 27). Documentation must be available for review at the Department's request. The operation of the facility must be conducted in such a manner that any off-site migration of odors is not objectionabe, as determined solely by the Department. Any operational changes deemed necessary by the Department to abate odors must be implemented.

27. **Odor Complaint Log** The permittee shall keep a separate log of the date and time of all odor complaints received by any employee of this facility. The log shall indicate:
A. Complainant's name and address,
B. A description of the odor (type of smell),
C. Weather conditions, including wind direction,
D. Comments from the complainant, and
E. What actions the employee took to investigate and eliminate the odor. The employee shall also immediately inform the Regional Materials Management Supervisor or his designee at (845) 256-3141 (or early the next business day) of all odor complaints, to allow Division of Materials Management staff to investigate the problem. Documentation must be available for review at the Department's request.

28. **Annual Reports** An annual report shall be submitted no later than March 1 of each calendar year this permit is in effect. The annual report must include, at a minimum:

A. The type and quantity, by weight or volume, of leaves, grass, brush, and wood chips received at the facility.
B. The turning frequency; the timing and amount of water addition, if any.
C. The quantity, by weight or volume, of compost produced.
D. The quantity, by weight or volume, of compost removed from the facility.
E. A description of the end product distribution and disposal system.
F. A copy of the odor complaint log as required in Special Condition No. 27.
G. Annual analysis of the compost in accordance with 360-5.7(c)(3).
H. Any other monitoring that occurred.

29. **Operation and Maintenance Manual** The permittee shall keep all facility employees familiar with the Operation and Maintenance (O&M) manual and have it available for ready reference on the site at all times. **The O&M Manual shall be updated at the mid-point of this permit term and shall be submitted to the Regional Materials Management Supervisor of this Department no later than January 20, 2021.**

CHANGES in OWNERSHIP or MANAGEMENT

30. **Transfer Process** Pursuant to 6 NYCRR Part 621, prior to a change in the owner(s) or the operator(s) of the facility, the permittee is required to submit for approval, on Department-approved forms, information needed by the Department to determine the fitness of the individual or company who will assume operation or ownership of the facility. The following requirements apply:

a. If the permittee intends to contract with an individual or company to become a new operator of the facility, the permittee must notify the Department (Regional Materials Management Supervisor) in writing at least thirty (30) days prior to the proposed change in operator and the proposed operator must submit a completed Record of Compliance (ROC) form.

b. For a corporate permittee, whose stock is privately held, if there is any change in officers, principals, directors or stockholders of the permitted company, the permittee must notify the Department (Regional Materials Management Supervisor, or RMMS) at least thirty (30) days prior to this change and submit a completed ROC form for each officer, principal, etc. that is proposed to change.

c. If an individual or another company acquires any or all of the stock of the permitted company, the stock buyer must notify the Department at least thirty (30) days prior to the proposed change in stock ownership and submit a completed ROC form. If the stock buyer is a non-publically traded company, then any officer, principal, director or stockholder of the company acquiring the stock, as well as the company itself, must submit a completed ROC form. If the new stockholder is a publically traded company, any stockholder of it who owns (or increases their stock ownership to) at least 25% of the publicly traded stock must submit a "30-day prior notification" and a completed ROC from to the Department.

FINANCIAL ASSURANCE and CLOSURE REQUIREMENTS

31. **Closure** Unless this permit is renewed, the permittee shall close the site prior to the expiration date of this permit or prior to the expiration of any renewals of this permit in accordance with the closure requirements in 6 NYCRR Part 360-1.14(w).

Within forty-five 45 days of the completion of the closure activities, the permittee shall submit to the RMMS a certification, prepared and stamped by a Professional Engineer licensed to practice engineering in New York State, that the facility has been closed in accordance with 6 NYCRR Part 360-1.14 and 360-6.6; and certifying that the need for further maintenance or corrective actions is minimized and that adverse environmental or health impacts such as, but not limited to, contravention of surface water and groundwater quality standards, odors and vectors are prevented or remedied.

32. **Financial Assurance In accordance with 6NYCRR Part 360-1.12 and Part 373-2.8 of this title, the permittee shall maintain with the Department a form of Financial Assurance along with an original signed duplicate Standby Trust Agreement acceptable to the Department, in the amount of $25,400 for closure and post-closure monitoring of this facility**. Such financial document shall clearly state any expiration date assigned by the financial institution or permittee. Neither the provision of the Financial Assurance, nor any act of the Department in drawing upon the financial funding shall relieve the permittee of their obligation to comply with this permit and the requirements to close the facility properly. The surety shall be in a form acceptable to the Department, and submitted to:

Regional Materials Management Supervisor
Division of Materials Management – Region 3
New York State Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, New York 12561-1620

The Department reserves the right to adjust the amount of the Financial Assurance to account for changing closure costs and for non-compliance with any conditions of this permit or any requirement of Part 360.

33. **Termination, Substitute Financial Assurance** In the event that the financial institution proposes to terminate the Financial Assurance at any time, the permittee shall, no less than thirty days prior to the effective date of such termination, provide a substitute Financial Assurance in the same amount and form, or other form acceptable to the Department. If an acceptable substitute has not been provided by thirty days prior to the termination date, the Department may draw upon the Financial Assurance for its amount and hold the amount drawn as a cash collateral guarantee until such time as an acceptable substitute is provided or if necessary during the time prior to the provision of a substitute Financial Assurance, may expend such sums as may be required in the event of the permittee's default of its obligations regarding compliance with this permit, the Permit to Operate this facility or its closure.

34. CESSATION of CONSTRUCTION or OPERATIONS

Cessation The facility must routinely and regularly receive authorized solid waste during the permit period. All equipment necessary for the safe and compliant operation of the facility, and required by the approved Engineering Report, O&M Manual, Contingency Plan, and the terms of this permit, must be in place and functional at all times. If construction or operation activities allowed under this permit cease for a period of twelve (12) consecutive months, the permit automatically expires on the last day of the 12th month following cessation of activities. There is no automatic expiration when the cessation of construction or operation is caused by factors beyond the reasonable control of the permittee, as determined by the Department, or when such cessation is in accordance with the provisions of the permit.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY12561

4. Submission of Renewal Application The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.

5. **Permit Modifications, Suspensions and Revocations by the Department** The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

a. materially false or inaccurate statements in the permit application or supporting papers;

b. failure by the permittee to comply with any terms or conditions of the permit;

c. exceeding the scope of the project as described in the permit application;

d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;

e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification
The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit
The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits
The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights
This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Item E: SEQR Type II Action, Renewal Under the State Environmental Quality Review Act (SEQR), the Department of Environmental Conservation has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
www.dec.ny.gov

IMPORTANT NOTICE TO ALL PERMITTEES

The permit you requested is enclosed. Please read it carefully and note the conditions that are included in it. The permit is valid for only that activity expressly authorized therein; work beyond the scope of the permit may be considered a violation of law and be subject to appropriate enforcement action. Granting of this permit does not relieve the permittee of the responsibility of obtaining any other permission, consent or approval from any other federal, state, or local government which may be required.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

The DEC permit number & program ID number noted on page 1 under "Permit Authorization" of the permit are important and should be retained for your records. These numbers should be referenced on all correspondence related to the permit, and on any future applications for permits associated with this facility/project area.

If a permit notice sign is enclosed, you must post it at the work site with appropriate weather protection, as well as a copy of the permit per General Condition 1.

If the permit is associated with a project that will entail construction of new water pollution control facilities or modifications to existing facilities, plan approval for the system design will be required from the appropriate Department's regional Division of Water or delegated local Health Department, as specified in the State Pollutant Discharge Elimination System (SPDES) permit.

If you have any questions on the extent of work authorized or your obligations under the permit, please contact me at (845) 256-2250 or at the above address.

SB

Scott Ballard
Deputy Regional Permit Administrator
Division of Environmental Permits, Region 3

- ☐ Applicable only if checked. Please note all work authorized under this permit is prohibited during trout spawning season commencing October 1 and ending April 30.
- ☐ Applicable only if checked for STORMWATER SPDES INFORMATION: We have determined that your project requires coverage under the General Stormwater SPDES Permit. You must file a Notice of Intent to obtain coverage under the General Permit. This form can be downloaded at: http://www.dec.ny.gov/chemical/43133.html
- ☐ Applicable only if checked - MS4 Areas: This site is within an MS4 area (Municipal Separate Storm Sewer System), therefore the SWPPP must be reviewed and accepted by the municipality. The MS-4 Acceptance Form must be submitted in addition to the Notice of Intent.

Send the completed form(s) to: NYS DEC, Stormwater Permitting, Division of Water, 625 Broadway, Albany, New York 12233-3505; in addition, DEC requests that you provide one electronic copy of the approved SWPPP directly to NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
P -	The RPD between the results for the two columns exceeds the method-specified criteria
I -	The lower value for the two columns has been reported due to obvious interference
RPD -	Relative Percent Difference
mg/kg -	Milligrams per kilogram
ng/kg -	Nanograms per kilogram
NYSDEC -	New York State Department of Environmental Conservation
SCO -	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Per- and Polyfluoroalkyl Substances	
PFAS -	Per- and Polyfluoroalkyl Substances
GV -	Guidance Values issued January 2020 and updated March 2023
Bold data indicates that parameter exceeded the NYSDEC Unrestricted Use Guidance Values	
Field Blanks	
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
Bold data indicates that parameter was detected	

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
	Sample Date:		03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units						
1,1,1,2-Tetrachloroethane	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
1,1,1-Trichloroethane (TCA)	0.68	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
1,1,2,2-Tetrachloroethane	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
1,1,2-Trichloroethane	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.33	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,1-Dichloropropene	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
1,2,3-Trichlorobenzene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2,3-Trichloropropane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2,4,5-Tetramethylbenzene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2,4-Trichlorobenzene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2,4-Trimethylbenzene	3.6	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2-Dibromo-3-Chloropropane	--	MG/KG	0.0039 U	0.0039 U	0.0035 U	0.004 U	0.0033 U	0.0038 U
1,2-Dibromoethane (Ethylene Dibromide)	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,2-Dichloroethane	0.02	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,2-Dichloropropane	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,3-Dichlorobenzene	2.4	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,3-Dichloropropane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,4-Dichlorobenzene	1.8	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,4-Diethyl Benzene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
1,4-Dioxane (P-Dioxane)	0.1	MG/KG	0.1 U	0.1 U	0.094 U	0.11 U	0.088 U	0.1 U
2,2-Dichloropropane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
2-Chlorotoluene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
2-Hexanone	--	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
4-Chlorotoluene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
4-Ethyltoluene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Acetone	0.05	MG/KG	0.013 U	0.013 U	0.008 J	0.013 U	0.0054 J	0.01 J
Acrylonitrile	--	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
Benzene	0.06	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
Bromobenzene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Bromochloromethane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Bromodichloromethane	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
	Sample Date:		03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units						
Bromoform	--	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
Bromomethane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Carbon Disulfide	--	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
Carbon Tetrachloride	0.76	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Chlorobenzene	1.1	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
Chloroethane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Chloroform	0.37	MG/KG	0.002 U	0.002 U	0.0018 U	0.002 U	0.0017 U	0.0019 U
Chloromethane	--	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
Cis-1,2-Dichloroethylene	0.25	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
Cymene	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.00074 J	0.00063 J	0.0007 J
Dibromochloromethane	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Dibromomethane	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Dichlorodifluoromethane	--	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
Dichloroethylenes	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Diethyl Ether (Ethyl Ether)	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Ethylbenzene	1	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Hexachlorobutadiene	--	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
Isopropylbenzene (Cumene)	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
m,p-Xylene	--	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Methyl Ethyl Ketone (2-Butanone)	0.12	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
Methylene Chloride	0.05	MG/KG	0.0066 U	0.0065 U	0.0059 U	0.0067 U	0.0055 U	0.0063 U
Naphthalene	12	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
N-Butylbenzene	12	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
N-Propylbenzene	3.9	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Sec-Butylbenzene	11	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Styrene	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
T-Butylbenzene	5.9	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Tert-Butyl Methyl Ether	0.93	MG/KG	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0022 U	0.0025 U
Tetrachloroethylene (PCE)	1.3	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
Toluene	0.7	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

		Sample Designation:	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6
		Sample Date:	03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units						
Trans-1,2-Dichloroethene	0.19	MG/KG	0.002 U	0.002 U	0.0018 U	0.002 U	0.0017 U	0.0019 U
Trans-1,3-Dichloropropene	--	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Trans-1,4-Dichloro-2-Butene	--	MG/KG	0.0066 U	0.0065 U	0.0059 U	0.0067 U	0.0055 U	0.0063 U
Trichloroethylene (TCE)	0.47	MG/KG	0.00066 U	0.00065 U	0.00059 U	0.00067 U	0.00055 U	0.00063 U
Trichlorofluoromethane	--	MG/KG	0.0052 U	0.0052 U	0.0047 U	0.0054 U	0.0044 U	0.005 U
Vinyl Acetate	--	MG/KG	0.013 U	0.013 U	0.012 U	0.013 U	0.011 U	0.013 U
Vinyl Chloride	0.02	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U
Xylenes	0.26	MG/KG	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0011 U	0.0013 U

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-7	SS-8	SS-9
	Sample Date:		03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units			
1,1,1,2-Tetrachloroethane	--	MG/KG	0.00055 U	0.0006 U	0.00059 U
1,1,1-Trichloroethane (TCA)	0.68	MG/KG	0.00055 U	0.0006 U	0.00059 U
1,1,2,2-Tetrachloroethane	--	MG/KG	0.00055 U	0.0006 U	0.00059 U
1,1,2-Trichloroethane	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloropropene	--	MG/KG	0.00055 U	0.0006 U	0.00059 U
1,2,3-Trichlorobenzene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2,3-Trichloropropane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2,4,5-Tetramethylbenzene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2,4-Trichlorobenzene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2,4-Trimethylbenzene	3.6	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2-Dibromo-3-Chloropropane	--	MG/KG	0.0033 U	0.0036 U	0.0036 U
1,2-Dibromoethane (Ethylene Dibromide)	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,2-Dichloroethane	0.02	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloropropane	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,3-Dichlorobenzene	2.4	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,3-Dichloropropane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,4-Dichlorobenzene	1.8	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,4-Diethyl Benzene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
1,4-Dioxane (P-Dioxane)	0.1	MG/KG	0.088 U	0.096 U	0.095 U
2,2-Dichloropropane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
2-Chlorotoluene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
2-Hexanone	--	MG/KG	0.011 U	0.012 U	0.012 U
4-Chlorotoluene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
4-Ethyltoluene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Acetone	0.05	MG/KG	0.0064 J	0.0076 J	0.0076 J
Acrylonitrile	--	MG/KG	0.0044 U	0.0048 U	0.0047 U
Benzene	0.06	MG/KG	0.00055 U	0.0006 U	0.00059 U
Bromobenzene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Bromochloromethane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Bromodichloromethane	--	MG/KG	0.00055 U	0.0006 U	0.00059 U

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-7	SS-8	SS-9
	Sample Date:		03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units			
Bromoform	--	MG/KG	0.0044 U	0.0048 U	0.0047 U
Bromomethane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Carbon Disulfide	--	MG/KG	0.011 U	0.012 U	0.012 U
Carbon Tetrachloride	0.76	MG/KG	0.0011 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	MG/KG	0.00055 U	0.0006 U	0.00059 U
Chloroethane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Chloroform	0.37	MG/KG	0.0016 U	0.0018 U	0.0018 U
Chloromethane	--	MG/KG	0.0044 U	0.0048 U	0.0047 U
Cis-1,2-Dichloroethylene	0.25	MG/KG	0.0011 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	--	MG/KG	0.00055 U	0.0006 U	0.00059 U
Cymene	--	MG/KG	0.0011 U	0.00067 J	0.00071 J
Dibromochloromethane	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Dibromomethane	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Dichlorodifluoromethane	--	MG/KG	0.011 U	0.012 U	0.012 U
Dichloroethylenes	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Diethyl Ether (Ethyl Ether)	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Ethylbenzene	1	MG/KG	0.0011 U	0.0012 U	0.0012 U
Hexachlorobutadiene	--	MG/KG	0.0044 U	0.0048 U	0.0047 U
Isopropylbenzene (Cumene)	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
m,p-Xylene	--	MG/KG	0.0022 U	0.0024 U	0.0024 U
Methyl Ethyl Ketone (2-Butanone)	0.12	MG/KG	0.011 U	0.012 U	0.012 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	MG/KG	0.011 U	0.012 U	0.012 U
Methylene Chloride	0.05	MG/KG	0.0055 U	0.006 U	0.0059 U
Naphthalene	12	MG/KG	0.0044 U	0.0048 U	0.0047 U
N-Butylbenzene	12	MG/KG	0.0011 U	0.0012 U	0.0012 U
N-Propylbenzene	3.9	MG/KG	0.0011 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Sec-Butylbenzene	11	MG/KG	0.0011 U	0.0012 U	0.0012 U
Styrene	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
T-Butylbenzene	5.9	MG/KG	0.0022 U	0.0024 U	0.0024 U
Tert-Butyl Methyl Ether	0.93	MG/KG	0.0022 U	0.0024 U	0.0024 U
Tetrachloroethylene (PCE)	1.3	MG/KG	0.00055 U	0.0006 U	0.00059 U
Toluene	0.7	MG/KG	0.0011 U	0.0012 U	0.0012 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	MG/KG	0.00055 U	0.0006 U	0.00059 U

Table 1. Summary of Volatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-7	SS-8	SS-9
	Sample Date:		03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units			
Trans-1,2-Dichloroethene	0.19	MG/KG	0.0016 U	0.0018 U	0.0018 U
Trans-1,3-Dichloropropene	--	MG/KG	0.0011 U	0.0012 U	0.0012 U
Trans-1,4-Dichloro-2-Butene	--	MG/KG	0.0055 U	0.006 U	0.0059 U
Trichloroethylene (TCE)	0.47	MG/KG	0.00055 U	0.0006 U	0.00059 U
Trichlorofluoromethane	--	MG/KG	0.0044 U	0.0048 U	0.0047 U
Vinyl Acetate	--	MG/KG	0.011 U	0.012 U	0.012 U
Vinyl Chloride	0.02	MG/KG	0.0011 U	0.0012 U	0.0012 U
Xylenes	0.26	MG/KG	0.0011 U	0.0012 U	0.0012 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

			Sample Designation:	SS-10	SS-11	SS-12
			Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	MG/KG		0.21 U	0.2 U	0.21 U
1,2,4-Trichlorobenzene	--	MG/KG		0.21 U	0.2 U	0.21 U
1,2-Dichlorobenzene	1.1	MG/KG		0.21 U	0.2 U	0.21 U
1,3-Dichlorobenzene	2.4	MG/KG		0.21 U	0.2 U	0.21 U
1,4-Dichlorobenzene	1.8	MG/KG		0.21 U	0.2 U	0.21 U
1,4-Dioxane (P-Dioxane)	0.1	MG/KG		0.031 U	0.03 U	0.031 U
2,4,5-Trichlorophenol	--	MG/KG		0.21 U	0.2 U	0.21 U
2,4,6-Trichlorophenol	--	MG/KG		0.12 U	0.12 U	0.12 U
2,4-Dichlorophenol	--	MG/KG		0.19 U	0.18 U	0.19 U
2,4-Dimethylphenol	--	MG/KG		0.21 U	0.2 U	0.21 U
2,4-Dinitrophenol	--	MG/KG		1 U	0.97 U	0.99 U
2,4-Dinitrotoluene	--	MG/KG		0.21 U	0.2 U	0.21 U
2,6-Dinitrotoluene	--	MG/KG		0.21 U	0.2 U	0.21 U
2-Chloronaphthalene	--	MG/KG		0.21 U	0.2 U	0.21 U
2-Chlorophenol	--	MG/KG		0.21 U	0.2 U	0.21 U
2-Methylnaphthalene	--	MG/KG		0.25 U	0.24 U	0.25 U
2-Methylphenol (O-Cresol)	0.33	MG/KG		0.21 U	0.2 U	0.21 U
2-Nitroaniline	--	MG/KG		0.21 U	0.2 U	0.21 U
2-Nitrophenol	--	MG/KG		0.45 U	0.44 U	0.45 U
3,3'-Dichlorobenzidine	--	MG/KG		0.21 U	0.2 U	0.21 U
3-Nitroaniline	--	MG/KG		0.21 U	0.2 U	0.21 U
4,6-Dinitro-2-Methylphenol	--	MG/KG		0.54 U	0.53 U	0.54 U
4-Bromophenyl Phenyl Ether	--	MG/KG		0.21 U	0.2 U	0.21 U
4-Chloro-3-Methylphenol	--	MG/KG		0.21 U	0.2 U	0.21 U
4-Chloroaniline	--	MG/KG		0.21 U	0.2 U	0.21 U
4-Chlorophenyl Phenyl Ether	--	MG/KG		0.21 U	0.2 U	0.21 U
4-Nitroaniline	--	MG/KG		0.21 U	0.2 U	0.21 U
4-Nitrophenol	--	MG/KG		0.29 U	0.28 U	0.29 U
Acenaphthene	20	MG/KG		0.17 U	0.16 U	0.16 U
Acenaphthylene	100	MG/KG		0.17 U	0.16 U	0.16 U
Acetophenone	--	MG/KG		0.21 U	0.2 U	0.21 U
Anthracene	100	MG/KG		0.12 U	0.12 U	0.12 U
Benzo(A)Anthracene	1	MG/KG		0.029 J	0.034 J	0.12 U
Benzo(A)Pyrene	1	MG/KG		0.17 U	0.16 U	0.16 U
Benzo(B)Fluoranthene	1	MG/KG		0.06 J	0.044 J	0.064 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

			Sample Designation:	SS-10	SS-11	SS-12
			Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units				
Benzo(G,H,I)Perylene	100	MG/KG		0.026 J	0.16 U	0.027 J
Benzo(K)Fluoranthene	0.8	MG/KG		0.12 U	0.12 U	0.12 U
Benzoic Acid	--	MG/KG		0.68 U	0.66 U	0.67 U
Benzyl Alcohol	--	MG/KG		0.21 U	0.2 U	0.21 U
Benzyl Butyl Phthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Biphenyl (Diphenyl)	--	MG/KG		0.48 U	0.46 U	0.47 U
Bis(2-Chloroethoxy) Methane	--	MG/KG		0.23 U	0.22 U	0.22 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	MG/KG		0.19 U	0.18 U	0.19 U
Bis(2-Chloroisopropyl) Ether	--	MG/KG		0.25 U	0.24 U	0.25 U
Bis(2-Ethylhexyl) Phthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Carbazole	--	MG/KG		0.21 U	0.2 U	0.21 U
Chrysene	1	MG/KG		0.026 J	0.028 J	0.12 U
Dibenz(A,H)Anthracene	0.33	MG/KG		0.12 U	0.12 U	0.12 U
Dibenzofuran	7	MG/KG		0.21 U	0.2 U	0.21 U
Diethyl Phthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Dimethyl Phthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Di-N-Butyl Phthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Di-N-Octylphthalate	--	MG/KG		0.21 U	0.2 U	0.21 U
Fluoranthene	100	MG/KG		0.046 J	0.051 J	0.039 J
Fluorene	30	MG/KG		0.21 U	0.2 U	0.21 U
Hexachlorobenzene	0.33	MG/KG		0.12 U	0.12 U	0.12 U
Hexachlorobutadiene	--	MG/KG		0.21 U	0.2 U	0.21 U
Hexachlorocyclopentadiene	--	MG/KG		0.6 U	0.58 U	0.59 U
Hexachloroethane	--	MG/KG		0.17 U	0.16 U	0.16 U
Indeno(1,2,3-C,D)Pyrene	0.5	MG/KG		0.17 U	0.16 U	0.16 U
Isophorone	--	MG/KG		0.19 U	0.18 U	0.19 U
M+P MethylPhenol	0.33	MG/KG		0.3 U	0.29 U	0.3 U
Naphthalene	12	MG/KG		0.21 U	0.2 U	0.21 U
Nitrobenzene	--	MG/KG		0.19 U	0.18 U	0.19 U
N-Nitrosodi-N-Propylamine	--	MG/KG		0.21 U	0.2 U	0.21 U
N-Nitrosodiphenylamine	--	MG/KG		0.17 U	0.16 U	0.16 U
Pentachlorophenol	0.8	MG/KG		0.17 U	0.16 U	0.16 U
Phenanthrene	100	MG/KG		0.12 U	0.033 J	0.12 U
Phenol	0.33	MG/KG		0.21 U	0.2 U	0.21 U
Pyrene	100	MG/KG		0.039 J	0.045 J	0.033 J

Table 3. Summary of Metals in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

		Sample Designation:	SS-10	SS-11	SS-12
		Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units			
Aluminum	--	MG/KG	2700	3100	2680
Antimony	--	MG/KG	12.2 U	11.6 U	12.2 U
Arsenic	13	MG/KG	1.53 J	1.94 J	1.58 J
Barium	350	MG/KG	16.5	18.6	18.4
Beryllium	7.2	MG/KG	0.125 J	0.154 J	0.156 J
Cadmium	2.5	MG/KG	2.43 U	2.32 U	2.44 U
Calcium	--	MG/KG	1480	2110	1660
Chromium, Total	30	MG/KG	5.38	5.36	5.02
Cobalt	--	MG/KG	1.62 J	2.2 J	1.94 J
Copper	50	MG/KG	5.73	6.09	5.76
Cyanide	27	MG/KG	1.2 U	1.1 U	1.2 U
Iron	--	MG/KG	5430	9190	5950
Lead	63	MG/KG	6.64 J	8.46 J	7.07 J
Magnesium	--	MG/KG	1050	1350	1050
Manganese	1600	MG/KG	115	143	133
Mercury	0.18	MG/KG	0.08 U	0.078 U	0.08 U
Nickel	30	MG/KG	3.86 J	4.03 J	4.05 J
Potassium	--	MG/KG	441 J	463 J	397 J
Selenium	3.9	MG/KG	4.86 U	0.745 J	4.87 U
Silver	2	MG/KG	1.22 U	1.16 U	1.22 U
Sodium	--	MG/KG	27.9 J	30.9 J	24.3 J
Thallium	--	MG/KG	4.86 U	4.65 U	4.87 U
Vanadium	--	MG/KG	8.68	8.64	8.49
Zinc	109	MG/KG	15.4	16.7	16.4

Table 4. Summary of Polychlorinated Biphenyls in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

			Sample Designation:	SS-10	SS-11	SS-12
			Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units				
PCB-1016 (Aroclor 1016)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1221 (Aroclor 1221)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1232 (Aroclor 1232)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1242 (Aroclor 1242)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1248 (Aroclor 1248)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1254 (Aroclor 1254)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1260 (Aroclor 1260)	--	MG/KG		0.0195 J	0.0575 U	0.0584 U
PCB-1262 (Aroclor 1262)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
PCB-1268 (Aroclor 1268)	--	MG/KG		0.0602 U	0.0575 U	0.0584 U
Polychlorinated Biphenyl (PCBs)	0.1	MG/KG		0.0195 J	0.0575 U	0.0584 U

Table 5. Summary of Pesticides and Herbicides in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

			Sample Designation:	SS-10	SS-11	SS-12
			Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use SCO	Units				
2,4-D (Dichlorophenoxyacetic Acid)	--	MG/KG		0.206 U	0.2 U	0.208 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	MG/KG		0.206 U	0.2 U	0.208 U
Aldrin	0.005	MG/KG		0.000786 J	0.00185 U	0.00196 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	MG/KG		0.000806 U	0.00077 U	0.000817 U
Alpha Endosulfan	2.4	MG/KG		0.00193 U	0.00185 U	0.00196 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	MG/KG		0.00193 U	0.00185 U	0.00196 U
Beta Endosulfan	2.4	MG/KG		0.00193 U	0.00185 U	0.00196 U
Chlordane	--	MG/KG		0.0639	0.0367	0.042
cis-Chlordane	0.094	MG/KG		0.00513 IP	0.00406 IP	0.00418 IP
Delta BHC (Delta Hexachlorocyclohexane)	0.04	MG/KG		0.00193 U	0.00185 U	0.00196 U
Dieldrin	0.005	MG/KG		0.00361	0.00246	0.00299
Endosulfan Sulfate	2.4	MG/KG		0.000806 U	0.00077 U	0.000817 U
Endrin	0.014	MG/KG		0.000806 U	0.00077 U	0.000817 U
Endrin Aldehyde	--	MG/KG		0.00242 U	0.00231 U	0.00245 U
Endrin Ketone	--	MG/KG		0.00193 U	0.00185 U	0.00196 U
Gamma Bhc (Lindane)	0.1	MG/KG		0.000806 U	0.00077 U	0.000817 U
Heptachlor	0.042	MG/KG		0.000967 U	0.000924 U	0.000981 U
Heptachlor Epoxide	--	MG/KG		0.00362 U	0.00347 U	0.00368 U
Methoxychlor	--	MG/KG		0.00362 U	0.00347 U	0.00368 U
P,P'-DDD	0.0033	MG/KG		0.00193 U	0.00185 U	0.00196 U
P,P'-DDE	0.0033	MG/KG		0.00324	0.00242	0.00314
P,P'-DDT	0.0033	MG/KG		0.00206 IP	0.00185 U	0.00183 JIP
Silvex (2,4,5-TP)	3.8	MG/KG		0.206 U	0.2 U	0.208 U
Toxaphene	--	MG/KG		0.0362 U	0.0347 U	0.0368 U
trans-Chlordane	--	MG/KG		0.004 IP	0.0032 IP	0.00337 IP

Table 6. Summary of Per- and Polyfluoroalkyl Substances in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

			Sample Designation:	SS-10	SS-11	SS-12
			Sample Date:	03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use GV	Units				
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	--	NG/G		0.794 U	0.772 U	0.782 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	--	NG/G		0.794 U	0.772 U	0.782 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/G		1.98 U	0.546 J	0.627 J
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/G		0.295 J	0.383 J	0.471 J
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/G		0.198 U	0.193 U	0.196 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	NG/G		4.96 U	4.82 U	4.89 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	NG/G		4.96 U	4.82 U	4.89 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	NG/G		0.993 U	0.964 U	0.978 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	--	NG/G		0.794 U	0.772 U	0.782 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	--	NG/G		0.794 U	0.772 U	0.782 U
N-ethyl perfluoro-1-octanesulfonamide	--	NG/G		0.198 U	0.193 U	0.196 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	NG/G		0.198 U	0.193 U	0.196 U
N-methyl perfluoro-1-octanesulfonamide	--	NG/G		0.198 U	0.193 U	0.196 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	--	NG/G		0.397 U	0.386 U	0.391 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	--	NG/G		0.397 U	0.386 U	0.391 U
Perfluoro(2-Propoxypropanoic) Acid	--	NG/G		0.794 U	0.772 U	0.782 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	NG/G		0.397 U	0.386 U	0.391 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	NG/G		0.397 U	0.386 U	0.391 U
Perfluorobutanesulfonic acid (PFBS)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorobutanoic Acid	--	NG/G		0.093 J	0.098 J	0.104 J
Perfluorodecane Sulfonic Acid	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorodecanoic acid (PFDA)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorododecane sulfonate (PFDoDS)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorododecanoic acid (PFDoA)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluoroheptane Sulfonate (PFHPS)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluoroheptanoic acid (PFHpA)	--	NG/G		0.037 J	0.032 J	0.032 J
Perfluorohexanesulfonic acid (PFHxS)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorohexanoic acid (PFHxA)	--	NG/G		0.057 J	0.063 J	0.052 J
Perfluorononanesulfonic Acid (PFNS)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorononanoic acid (PFNA)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorooctane Sulfonamide (FOSA)	--	NG/G		0.198 U	0.193 U	0.196 U
Perfluorooctanesulfonic acid (PFOS)	0.88	NG/G		0.168 J	0.181 J	0.232
Perfluorooctanoic acid (PFOA)	0.66	NG/G		0.158 J	0.16 J	0.176 J
Perfluoropentanesulfonic Acid (PFPeS)	--	NG/G		0.198 U	0.193 U	0.196 U

Table 6. Summary of Per- and Polyfluoroalkyl Substances in Soil, ORI Supplies, 121 Route 303, Orangeburg, New York

	Sample Designation:		SS-10	SS-11	SS-12
	Sample Date:		03/06/2024	03/06/2024	03/06/2024
Parameter	NYSDEC Part 375 Unrestricted Use GV	Units			
Perfluoropentanoic Acid (PFPeA)	--	NG/G	0.397 U	0.386 U	0.391 U
Perfluorotetradecanoic acid (PFTA)	--	NG/G	0.198 U	0.193 U	0.196 U
Perfluorotridecanoic Acid (PFTriA)	--	NG/G	0.198 U	0.193 U	0.196 U
Perfluoroundecanoic Acid (PFUnA)	--	NG/G	0.198 U	0.193 U	0.196 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/G	0.794 U	0.772 U	0.782 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/G	0.794 U	0.554 J	0.366 J

Table 7. Summary of Per- and Polyfluoroalkyl Substances in Field Blanks, ORI Supplies, 121 Route 303, Orangeburg, New York

Sample Designation:		FB-1	FB-2
Sample Date:		03/06/2024	03/06/2024
Parameter	Units		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	UG/L	0.00625 U	0.00608 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	UG/L	0.00625 U	0.00608 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	0.0156 U	0.0152 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	UG/L	0.0156 U	0.0152 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	UG/L	0.00156 U	0.00152 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UG/L	0.0391 U	0.038 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	UG/L	0.0391 U	0.038 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	UG/L	0.00781 U	0.0076 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UG/L	0.00625 U	0.00608 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	UG/L	0.00625 U	0.00608 U
N-ethyl perfluoro-1-octanesulfonamide	UG/L	0.00156 U	0.00152 U
N-ethyl perfluorooctanesulfonamidoacetic acid	UG/L	0.00156 U	0.00152 U
N-methyl perfluoro-1-octanesulfonamide	UG/L	0.00156 U	0.00152 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UG/L	0.00312 U	0.00304 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UG/L	0.00312 U	0.00304 U
Perfluoro(2-Propoxypropanoic) Acid	UG/L	0.00625 U	0.00608 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	UG/L	0.00312 U	0.00304 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	UG/L	0.00312 U	0.00304 U
Perfluorobutanesulfonic acid (PFBS)	UG/L	0.00156 U	0.00152 U
Perfluorobutanoic Acid	UG/L	0.00625 U	0.00608 U
Perfluorodecane Sulfonic Acid	UG/L	0.00156 U	0.00152 U
Perfluorodecanoic acid (PFDA)	UG/L	0.00156 U	0.00152 U
Perfluorododecane sulfonate (PFDoDS)	UG/L	0.00156 U	0.00152 U
Perfluorododecanoic acid (PFDoA)	UG/L	0.00156 U	0.00152 U
Perfluoroheptane Sulfonate (PFHPS)	UG/L	0.00156 U	0.00152 U
Perfluoroheptanoic acid (PFHpA)	UG/L	0.00156 U	0.00152 U
Perfluorohexanesulfonic acid (PFHxS)	UG/L	0.00156 U	0.00152 U
Perfluorohexanoic acid (PFHxA)	UG/L	0.00156 U	0.00152 U
Perfluorononanesulfonic Acid (PFNS)	UG/L	0.00156 U	0.00152 U
Perfluorononanoic acid (PFNA)	UG/L	0.00156 U	0.00152 U
Perfluorooctane Sulfonamide (FOSA)	UG/L	0.00156 U	0.00152 U
Perfluorooctanesulfonic acid (PFOS)	UG/L	0.00156 U	0.00152 U
Perfluorooctanoic acid (PFOA)	UG/L	0.00156 U	0.00152 U
Perfluoropentanesulfonic Acid (PFPeS)	UG/L	0.00156 U	0.00152 U
Perfluoropentanoic Acid (PFPeA)	UG/L	0.00312 U	0.00304 U
Perfluorotetradecanoic acid (PFTA)	UG/L	0.00156 U	0.00152 U

Table 7. Summary of Per- and Polyfluoroalkyl Substances in Field Blanks, ORI Supplies, 121 Route 303, Orangeburg, New York

Sample Designation:		FB-1	FB-2
Sample Date:		03/06/2024	03/06/2024
Parameter	Units		
Perfluorotridecanoic Acid (PFTriA)	UG/L	0.00156 U	0.00152 U
Perfluoroundecanoic Acid (PFUnA)	UG/L	0.00156 U	0.00152 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	UG/L	0.00625 U	0.00608 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	UG/L	0.00625 U	0.00608 U

ANALYTICAL REPORT

Lab Number:	L2412250
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Rachel Miller
Phone:	(631) 630-2436
Project Name:	HALLETTS POINT BUILDINGS 2 & 3
Project Number:	1338.0010Y008
Report Date:	03/08/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412250-01	TS-1	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:30	03/06/24
L2412250-02	TS-2	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:35	03/06/24
L2412250-03	TS-3	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:40	03/06/24
L2412250-04	TS-4	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:45	03/06/24
L2412250-05	TS-5	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:50	03/06/24
L2412250-06	TS-6	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 11:55	03/06/24
L2412250-07	TS-7	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 12:00	03/06/24
L2412250-08	TS-8	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 12:05	03/06/24
L2412250-09	SS-1	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 12:45	03/06/24
L2412250-10	SS-2	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 12:50	03/06/24
L2412250-11	SS-4	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:00	03/06/24
L2412250-12	SS-5	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:05	03/06/24
L2412250-13	SS-6	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:10	03/06/24
L2412250-14	SS-7	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:15	03/06/24
L2412250-15	SS-8	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:20	03/06/24
L2412250-16	SS-9	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:25	03/06/24
L2412250-17	SS-10	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:30	03/06/24
L2412250-18	SS-11	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:35	03/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412250-19	SS-12	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 13:40	03/06/24
L2412250-20	FB-1		26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 14:00	03/06/24
L2412250-21	FB-2		26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 14:05	03/06/24
L2412250-22	SS-3	SOIL	26-40 1ST STREET, ASTORIA, NEW YORK 11102	03/06/24 12:55	03/06/24

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The results of the PFAAs via EPA 1633 (Draft) analysis will be issued under separate cover.

Sample Receipt

L2412250-20 and -21: Samples identified as "FB-1" and "FB-2" were listed on the Chain of Custody, but not received for the analysis of 1,4-Dioxane. This was verified by the client.

Volatile Organics

The WG1893428-5 Method Blank, associated with L2412250-11, -12, -13, -15, and -16, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2412250-07, -08, -17, -18 and -19: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1893236-1 Method Blank, associated with L2412250-07, -08, -17, -18, and -19, has a concentration above the reporting limit for calcium and iron. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1893236-3 MS recoveries for aluminum (745%), iron (938%), and manganese (73%), performed on L2412250-07, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1893236-3 MS recoveries, performed on L2412250-07, are outside the acceptance criteria for calcium

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

Case Narrative (continued)

(44%) and lead (126%). A post digestion spike was performed and was within acceptance criteria.

Cyanide, Total

The WG1893315-3 LCSD recovery for cyanide, total (62%), associated with L2412250-07, -08, -17, -18, and -19, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 03/08/24

ORGANICS

VOLATILES

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-01
Client ID: TS-1
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 11:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 17:41
Analyst: LAC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.69	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.81	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-01 Date Collected: 03/06/24 11:30

Client ID: TS-1 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.8	0.33	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	29		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
Vinyl acetate	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.8	0.18	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,3-Dichloropropane	ND		ug/kg	2.8	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.69	0.18	1
Bromobenzene	ND		ug/kg	2.8	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
o-Chlorotoluene	ND		ug/kg	2.8	0.26	1
p-Chlorotoluene	ND		ug/kg	2.8	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.90	1
Acrylonitrile	ND		ug/kg	5.6	1.6	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-01 Date Collected: 03/06/24 11:30

Client ID: TS-1 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
1,4-Dioxane	ND		ug/kg	110	49.	1
p-Diethylbenzene	ND		ug/kg	2.8	0.24	1
p-Ethyltoluene	ND		ug/kg	2.8	0.53	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.8	0.26	1
Ethyl ether	ND		ug/kg	2.8	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	2.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	115		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-02 Date Collected: 03/06/24 11:35
Client ID: TS-2 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 18:06
Analyst: LAC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.80	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	ND		ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-02 Date Collected: 03/06/24 11:35

Client ID: TS-2 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.89	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	3.2	0.38	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	9.9	J	ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.2	0.20	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
2,2-Dichloropropane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.80	0.21	1
Bromobenzene	ND		ug/kg	3.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
o-Chlorotoluene	ND		ug/kg	3.2	0.30	1
p-Chlorotoluene	ND		ug/kg	3.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.27	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	0.30	J	ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
Acrylonitrile	ND		ug/kg	6.4	1.8	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-02 Date Collected: 03/06/24 11:35

Client ID: TS-2 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
1,4-Dioxane	ND		ug/kg	130	56.	1
p-Diethylbenzene	ND		ug/kg	3.2	0.28	1
p-Ethyltoluene	ND		ug/kg	3.2	0.61	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.30	1
Ethyl ether	ND		ug/kg	3.2	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.0	2.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	118		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-03 Date Collected: 03/06/24 11:40
Client ID: TS-3 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 18:32
Analyst: LAC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.4	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-03 Date Collected: 03/06/24 11:40

Client ID: TS-3 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	10	J	ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.4	0.89	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-03 Date Collected: 03/06/24 11:40

Client ID: TS-3 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
1,4-Dioxane	ND		ug/kg	110	48.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	119		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-04
Client ID: TS-4
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 11:45
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 18:57
Analyst: LAC
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.8	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.78	0.31	1
Chlorobenzene	ND		ug/kg	0.78	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.78	0.26	1
Bromodichloromethane	ND		ug/kg	0.78	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.78	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	0.78	0.25	1
1,1-Dichloropropene	ND		ug/kg	0.78	0.25	1
Bromoform	ND		ug/kg	6.3	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.78	0.26	1
Benzene	ND		ug/kg	0.78	0.26	1
Toluene	ND		ug/kg	1.6	0.85	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.1	0.91	1
Vinyl chloride	ND		ug/kg	1.6	0.52	1
Chloroethane	ND		ug/kg	3.1	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.21	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-04 Date Collected: 03/06/24 11:45

Client ID: TS-4 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.78	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.1	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.1	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.32	1
p/m-Xylene	ND		ug/kg	3.1	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.27	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.21	1
Dibromomethane	ND		ug/kg	3.1	0.37	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	48		ug/kg	16	7.5	1
Carbon disulfide	ND		ug/kg	16	7.1	1
2-Butanone	ND		ug/kg	16	3.5	1
Vinyl acetate	ND		ug/kg	16	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
1,2,3-Trichloropropane	ND		ug/kg	3.1	0.20	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.1	0.32	1
2,2-Dichloropropane	ND		ug/kg	3.1	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,3-Dichloropropane	ND		ug/kg	3.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.78	0.21	1
Bromobenzene	ND		ug/kg	3.1	0.23	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.1	0.18	1
o-Chlorotoluene	ND		ug/kg	3.1	0.30	1
p-Chlorotoluene	ND		ug/kg	3.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Hexachlorobutadiene	ND		ug/kg	6.3	0.26	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
Acrylonitrile	ND		ug/kg	6.3	1.8	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-04 Date Collected: 03/06/24 11:45

Client ID: TS-4 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.1	0.50	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.1	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.1	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.1	0.52	1
1,4-Dioxane	ND		ug/kg	120	55.	1
p-Diethylbenzene	ND		ug/kg	3.1	0.28	1
p-Ethyltoluene	ND		ug/kg	3.1	0.60	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.1	0.30	1
Ethyl ether	ND		ug/kg	3.1	0.53	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	118		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-05
Client ID: TS-5
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 11:50
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 19:22
Analyst: LAC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-05 Date Collected: 03/06/24 11:50

Client ID: TS-5 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.29	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.98	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-05 Date Collected: 03/06/24 11:50

Client ID: TS-5 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	53.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.58	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.29	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	117		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-06
Client ID: TS-6
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 11:55
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 19:47
Analyst: LAC
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	0.75	0.24	1
1,1-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-06 Date Collected: 03/06/24 11:55

Client ID: TS-6 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.36	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.75	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
Acrylonitrile	ND		ug/kg	6.0	1.7	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-06 Date Collected: 03/06/24 11:55

Client ID: TS-6 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.51	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	119		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-09 Date Collected: 03/06/24 12:45
Client ID: SS-1 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 20:13
Analyst: LAC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-09 Date Collected: 03/06/24 12:45

Client ID: SS-1 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-09 Date Collected: 03/06/24 12:45

Client ID: SS-1 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	120		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-10 Date Collected: 03/06/24 12:50
Client ID: SS-2 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 20:38
Analyst: LAC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.5	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.65	0.26	1
Chlorobenzene	ND		ug/kg	0.65	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.91	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.65	0.22	1
Bromodichloromethane	ND		ug/kg	0.65	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.65	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.65	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.65	0.21	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.65	0.22	1
Benzene	ND		ug/kg	0.65	0.22	1
Toluene	ND		ug/kg	1.3	0.71	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.76	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-10 Date Collected: 03/06/24 12:50

Client ID: SS-2 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.65	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.73	1
o-Xylene	ND		ug/kg	1.3	0.38	1
Xylenes, Total	ND		ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.3	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.65	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.85	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-10 Date Collected: 03/06/24 12:50

Client ID: SS-2 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.42	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	100	46.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.50	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	118		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-11 Date Collected: 03/06/24 13:00
Client ID: SS-4 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 17:20
Analyst: JIC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-11 Date Collected: 03/06/24 13:00

Client ID: SS-4 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	0.74	J	ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.87	1
Acrylonitrile	ND		ug/kg	5.4	1.5	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-11 Date Collected: 03/06/24 13:00

Client ID: SS-4 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	113		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-12 Date Collected: 03/06/24 13:05
Client ID: SS-5 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 17:47
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-12 Date Collected: 03/06/24 13:05

Client ID: SS-5 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	5.4	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.63	J	ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-12 Date Collected: 03/06/24 13:05

Client ID: SS-5 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	113		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-13 Date Collected: 03/06/24 13:10
Client ID: SS-6 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 18:14
Analyst: JIC
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.63	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-13 Date Collected: 03/06/24 13:10

Client ID: SS-6 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.30	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	10	J	ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.7	1
2-Butanone	ND		ug/kg	13	2.8	1
Vinyl acetate	ND		ug/kg	13	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.63	0.17	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.21	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	0.70	J	ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.0	0.82	1
Acrylonitrile	ND		ug/kg	5.0	1.4	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-13 Date Collected: 03/06/24 13:10

Client ID: SS-6 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
1,4-Dioxane	ND		ug/kg	100	44.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.3	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	114		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-14
Client ID: SS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:15
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 21:03
Analyst: LAC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-14 Date Collected: 03/06/24 13:15

Client ID: SS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	6.4	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-14 Date Collected: 03/06/24 13:15

Client ID: SS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	119		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-15
Client ID: SS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:20
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 19:08
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-15 Date Collected: 03/06/24 13:20

Client ID: SS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	7.6	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.67	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-15 Date Collected: 03/06/24 13:20

Client ID: SS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	115		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-16 Date Collected: 03/06/24 13:25
Client ID: SS-9 Date Received: 03/06/24
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 18:41
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-16 Date Collected: 03/06/24 13:25

Client ID: SS-9 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	7.6	J	ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.71	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-16 Date Collected: 03/06/24 13:25

Client ID: SS-9 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	118		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-22
Client ID: SS-3
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:55
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/07/24 21:28
Analyst: LAC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.19	1
Benzene	ND		ug/kg	0.59	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-22 Date Collected: 03/06/24 12:55

Client ID: SS-3 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	8.0	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-22 Date Collected: 03/06/24 12:55

Client ID: SS-3 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	119		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 09:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-13,15-16 Batch: WG1893428-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.6		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 09:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-13,15-16 Batch: WG1893428-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 09:37
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11-13,15-16 Batch: WG1893428-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	107		70-130

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 16:51
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-06,09-10,14,22 Batch: WG1893812-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 16:51
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-06,09-10,14,22 Batch: WG1893812-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/24 16:51
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-06,09-10,14,22 Batch: WG1893812-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-13,15-16 Batch: WG1893428-3 WG1893428-4								
Methylene chloride	99		100		70-130	1		30
1,1-Dichloroethane	98		99		70-130	1		30
Chloroform	96		97		70-130	1		30
Carbon tetrachloride	99		102		70-130	3		30
1,2-Dichloropropane	100		102		70-130	2		30
Dibromochloromethane	102		106		70-130	4		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	111		114		70-130	3		30
Chlorobenzene	102		104		70-130	2		30
Trichlorofluoromethane	101		102		70-139	1		30
1,2-Dichloroethane	89		92		70-130	3		30
1,1,1-Trichloroethane	101		103		70-130	2		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	96		94		70-130	2		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	101		101		70-130	0		30
Bromoform	105		104		70-130	1		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	97		100		70-130	3		30
Toluene	95		97		70-130	2		30
Ethylbenzene	101		104		70-130	3		30
Chloromethane	94		95		52-130	1		30
Bromomethane	116		117		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-13,15-16 Batch: WG1893428-3 WG1893428-4								
Vinyl chloride	112		113		67-130	1		30
Chloroethane	121		121		50-151	0		30
1,1-Dichloroethene	112		112		65-135	0		30
trans-1,2-Dichloroethene	111		113		70-130	2		30
Trichloroethene	103		103		70-130	0		30
1,2-Dichlorobenzene	108		108		70-130	0		30
1,3-Dichlorobenzene	109		110		70-130	1		30
1,4-Dichlorobenzene	108		108		70-130	0		30
Methyl tert butyl ether	94		98		66-130	4		30
p/m-Xylene	97		98		70-130	1		30
o-Xylene	94		98		70-130	4		30
cis-1,2-Dichloroethene	105		106		70-130	1		30
Dibromomethane	105		103		70-130	2		30
Styrene	95		97		70-130	2		30
Dichlorodifluoromethane	78		78		30-146	0		30
Acetone	86		79		54-140	8		30
Carbon disulfide	101		102		59-130	1		30
2-Butanone	91		92		70-130	1		30
Vinyl acetate	104		102		70-130	2		30
4-Methyl-2-pentanone	94		90		70-130	4		30
1,2,3-Trichloropropane	87		83		68-130	5		30
2-Hexanone	82		80		70-130	2		30
Bromochloromethane	113		112		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-13,15-16 Batch: WG1893428-3 WG1893428-4								
2,2-Dichloropropane	100		99		70-130	1		30
1,2-Dibromoethane	102		105		70-130	3		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	106		108		70-130	2		30
Bromobenzene	111		110		70-130	1		30
n-Butylbenzene	97		97		70-130	0		30
sec-Butylbenzene	96		96		70-130	0		30
tert-Butylbenzene	103		103		70-130	0		30
o-Chlorotoluene	97		97		70-130	0		30
p-Chlorotoluene	98		98		70-130	0		30
1,2-Dibromo-3-chloropropane	106		101		68-130	5		30
Hexachlorobutadiene	107		108		67-130	1		30
Isopropylbenzene	92		93		70-130	1		30
p-Isopropyltoluene	98		99		70-130	1		30
Naphthalene	102		98		70-130	4		30
Acrylonitrile	96		96		70-130	0		30
n-Propylbenzene	103		102		70-130	1		30
1,2,3-Trichlorobenzene	110		109		70-130	1		30
1,2,4-Trichlorobenzene	115		114		70-130	1		30
1,3,5-Trimethylbenzene	98		99		70-130	1		30
1,2,4-Trimethylbenzene	100		100		70-130	0		30
1,4-Dioxane	104		102		65-136	2		30
p-Diethylbenzene	106		107		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11-13,15-16 Batch: WG1893428-3 WG1893428-4								
p-Ethyltoluene	102		102		70-130	0		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	112		113		67-130	1		30
trans-1,4-Dichloro-2-butene	93		90		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		86		70-130
Toluene-d8	91		91		70-130
4-Bromofluorobenzene	95		89		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-06,09-10,14,22 Batch: WG1893812-3 WG1893812-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	105		101		70-130	4		30
Chloroform	108		105		70-130	3		30
Carbon tetrachloride	115		109		70-130	5		30
1,2-Dichloropropane	101		99		70-130	2		30
Dibromochloromethane	109		112		70-130	3		30
1,1,2-Trichloroethane	100		102		70-130	2		30
Tetrachloroethene	120		113		70-130	6		30
Chlorobenzene	104		101		70-130	3		30
Trichlorofluoromethane	123		114		70-139	8		30
1,2-Dichloroethane	102		103		70-130	1		30
1,1,1-Trichloroethane	122		115		70-130	6		30
Bromodichloromethane	103		103		70-130	0		30
trans-1,3-Dichloropropene	98		100		70-130	2		30
cis-1,3-Dichloropropene	103		104		70-130	1		30
1,1-Dichloropropene	106		99		70-130	7		30
Bromoform	102		103		70-130	1		30
1,1,2,2-Tetrachloroethane	90		91		70-130	1		30
Benzene	98		94		70-130	4		30
Toluene	98		94		70-130	4		30
Ethylbenzene	97		93		70-130	4		30
Chloromethane	109		100		52-130	9		30
Bromomethane	91		91		57-147	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-06,09-10,14,22 Batch: WG1893812-3 WG1893812-4								
Vinyl chloride	128		117		67-130	9		30
Chloroethane	102		96		50-151	6		30
1,1-Dichloroethene	112		106		65-135	6		30
trans-1,2-Dichloroethene	115		108		70-130	6		30
Trichloroethene	122		116		70-130	5		30
1,2-Dichlorobenzene	104		101		70-130	3		30
1,3-Dichlorobenzene	106		102		70-130	4		30
1,4-Dichlorobenzene	104		101		70-130	3		30
Methyl tert butyl ether	95		96		66-130	1		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	111		107		70-130	4		30
Dibromomethane	103		105		70-130	2		30
Styrene	105		104		70-130	1		30
Dichlorodifluoromethane	126		113		30-146	11		30
Acetone	93		89		54-140	4		30
Carbon disulfide	112		102		59-130	9		30
2-Butanone	94		99		70-130	5		30
Vinyl acetate	94		96		70-130	2		30
4-Methyl-2-pentanone	80		80		70-130	0		30
1,2,3-Trichloropropane	82		82		68-130	0		30
2-Hexanone	75		78		70-130	4		30
Bromochloromethane	111		112		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-06,09-10,14,22 Batch: WG1893812-3 WG1893812-4								
2,2-Dichloropropane	117		110		70-130	6		30
1,2-Dibromoethane	97		99		70-130	2		30
1,3-Dichloropropane	94		95		69-130	1		30
1,1,1,2-Tetrachloroethane	113		112		70-130	1		30
Bromobenzene	103		100		70-130	3		30
n-Butylbenzene	107		98		70-130	9		30
sec-Butylbenzene	106		98		70-130	8		30
tert-Butylbenzene	106		98		70-130	8		30
o-Chlorotoluene	94		89		70-130	5		30
p-Chlorotoluene	96		91		70-130	5		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	124		114		67-130	8		30
Isopropylbenzene	103		96		70-130	7		30
p-Isopropyltoluene	109		101		70-130	8		30
Naphthalene	88		91		70-130	3		30
Acrylonitrile	96		97		70-130	1		30
n-Propylbenzene	101		93		70-130	8		30
1,2,3-Trichlorobenzene	109		108		70-130	1		30
1,2,4-Trichlorobenzene	113		110		70-130	3		30
1,3,5-Trimethylbenzene	100		94		70-130	6		30
1,2,4-Trimethylbenzene	94		89		70-130	5		30
1,4-Dioxane	86		89		65-136	3		30
p-Diethylbenzene	108		101		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-06,09-10,14,22 Batch: WG1893812-3 WG1893812-4								
p-Ethyltoluene	96		90		70-130	6		30
1,2,4,5-Tetramethylbenzene	102		96		70-130	6		30
Ethyl ether	100		102		67-130	2		30
trans-1,4-Dichloro-2-butene	93		95		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	93		89		70-130
Dibromofluoromethane	110		110		70-130

SEMIVOLATILES

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07
Client ID: TS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/08/24 08:08
Analyst: SZ
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	42	J	ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	28	J	ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1
Benzo(b)fluoranthene	51	J	ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	36.	1
Chrysene	28	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	33	J	ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	45		18-120

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08
Client ID: TS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/08/24 08:26
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	26.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	40.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	39.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	74	J	ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	45	J	ug/kg	130	25.	1
Benzo(a)pyrene	62	J	ug/kg	180	54.	1
Benzo(b)fluoranthene	80	J	ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	39	J	ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	40	J	ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	33	J	ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	32	J	ug/kg	180	31.	1
Pyrene	66	J	ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Benzoic Acid	ND		ug/kg	720	220	1
Benzyl Alcohol	ND		ug/kg	220	68.	1
Carbazole	ND		ug/kg	220	22.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	50		18-120

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17
Client ID: SS-10
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/08/24 08:44
Analyst: SZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	46	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17 Date Collected: 03/06/24 13:30

Client ID: SS-10 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	29	J	ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	60	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	26	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	26	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	39	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17 Date Collected: 03/06/24 13:30

Client ID: SS-10 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	47		18-120

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18
Client ID: SS-11
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/08/24 07:14
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	51	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18 Date Collected: 03/06/24 13:35

Client ID: SS-11 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	34	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	44	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	28	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	33	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	45	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18 Date Collected: 03/06/24 13:35

Client ID: SS-11 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	46		18-120

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19
Client ID: SS-12
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/08/24 09:02
Analyst: SZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	39	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19 Date Collected: 03/06/24 13:40

Client ID: SS-12 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	64	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	27	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	33	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19 Date Collected: 03/06/24 13:40

Client ID: SS-12 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	40		18-120

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 00:22
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893379-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 00:22
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893379-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	20	J	ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 00:22
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/07/24 11:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893379-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893379-2 WG1893379-3								
Acenaphthene	65		61		31-137	6		50
1,2,4-Trichlorobenzene	61		58		38-107	5		50
Hexachlorobenzene	65		60		40-140	8		50
Bis(2-chloroethyl)ether	61		56		40-140	9		50
2-Chloronaphthalene	65		61		40-140	6		50
1,2-Dichlorobenzene	63		58		40-140	8		50
1,3-Dichlorobenzene	61		56		40-140	9		50
1,4-Dichlorobenzene	61		57		28-104	7		50
3,3'-Dichlorobenzidine	58		58		40-140	0		50
2,4-Dinitrotoluene	76		72		40-132	5		50
2,6-Dinitrotoluene	75		70		40-140	7		50
Fluoranthene	58		54		40-140	7		50
4-Chlorophenyl phenyl ether	66		63		40-140	5		50
4-Bromophenyl phenyl ether	68		64		40-140	6		50
Bis(2-chloroisopropyl)ether	59		55		40-140	7		50
Bis(2-chloroethoxy)methane	64		61		40-117	5		50
Hexachlorobutadiene	72		66		40-140	9		50
Hexachlorocyclopentadiene	67		62		40-140	8		50
Hexachloroethane	64		59		40-140	8		50
Isophorone	63		60		40-140	5		50
Naphthalene	65		60		40-140	8		50
Nitrobenzene	67		63		40-140	6		50
NDPA/DPA	66		63		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893379-2 WG1893379-3								
n-Nitrosodi-n-propylamine	66		61		32-121	8		50
Bis(2-ethylhexyl)phthalate	76		72		40-140	5		50
Butyl benzyl phthalate	63		60		40-140	5		50
Di-n-butylphthalate	66		63		40-140	5		50
Di-n-octylphthalate	77		72		40-140	7		50
Diethyl phthalate	66		63		40-140	5		50
Dimethyl phthalate	66		62		40-140	6		50
Benzo(a)anthracene	63		60		40-140	5		50
Benzo(a)pyrene	64		60		40-140	6		50
Benzo(b)fluoranthene	61		63		40-140	3		50
Benzo(k)fluoranthene	65		57		40-140	13		50
Chrysene	61		59		40-140	3		50
Acenaphthylene	64		59		40-140	8		50
Anthracene	66		62		40-140	6		50
Benzo(ghi)perylene	68		61		40-140	11		50
Fluorene	63		59		40-140	7		50
Phenanthrene	63		60		40-140	5		50
Dibenzo(a,h)anthracene	71		66		40-140	7		50
Indeno(1,2,3-cd)pyrene	70		64		40-140	9		50
Pyrene	57		55		35-142	4		50
Biphenyl	67		62		37-127	8		50
4-Chloroaniline	**34**	Q	**34**	Q	40-140	0		50
2-Nitroaniline	77		72		47-134	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893379-2 WG1893379-3								
3-Nitroaniline	54		53		26-129	2		50
4-Nitroaniline	70		67		41-125	4		50
Dibenzofuran	64		60		40-140	6		50
2-Methylnaphthalene	66		62		40-140	6		50
1,2,4,5-Tetrachlorobenzene	70		65		40-117	7		50
Acetophenone	78		73		14-144	7		50
2,4,6-Trichlorophenol	72		67		30-130	7		50
p-Chloro-m-cresol	70		67		26-103	4		50
2-Chlorophenol	66		61		25-102	8		50
2,4-Dichlorophenol	67		65		30-130	3		50
2,4-Dimethylphenol	72		67		30-130	7		50
2-Nitrophenol	74		70		30-130	6		50
4-Nitrophenol	70		66		11-114	6		50
2,4-Dinitrophenol	57		54		4-130	5		50
4,6-Dinitro-o-cresol	76		72		10-130	5		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	67		63		26-90	6		50
2-Methylphenol	65		62		30-130.	5		50
3-Methylphenol/4-Methylphenol	66		62		30-130	6		50
2,4,5-Trichlorophenol	76		69		30-130	10		50
Benzoic Acid	12		10		10-110	19		50
Benzyl Alcohol	70		66		40-140	6		50
Carbazole	67		63		54-128	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893379-2 WG1893379-3								
1,4-Dioxane	53		48		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		61		25-120
Phenol-d6	66		62		10-120
Nitrobenzene-d5	68		63		23-120
2-Fluorobiphenyl	66		60		30-120
2,4,6-Tribromophenol	74		68		10-136
4-Terphenyl-d14	59		55		18-120

PCBS

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07
Client ID: TS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/08/24 06:54
Analyst: MEO
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.5	5.90	1	A
Aroclor 1221	ND		ug/kg	66.5	6.66	1	A
Aroclor 1232	ND		ug/kg	66.5	14.1	1	A
Aroclor 1242	ND		ug/kg	66.5	8.96	1	A
Aroclor 1248	ND		ug/kg	66.5	9.97	1	A
Aroclor 1254	ND		ug/kg	66.5	7.27	1	A
Aroclor 1260	ND		ug/kg	66.5	12.3	1	A
Aroclor 1262	ND		ug/kg	66.5	8.44	1	A
Aroclor 1268	ND		ug/kg	66.5	6.89	1	A
PCBs, Total	ND		ug/kg	66.5	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08
Client ID: TS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/08/24 07:04
Analyst: MEO
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.8	5.58	1	A
Aroclor 1221	ND		ug/kg	62.8	6.29	1	A
Aroclor 1232	ND		ug/kg	62.8	13.3	1	A
Aroclor 1242	ND		ug/kg	62.8	8.46	1	A
Aroclor 1248	ND		ug/kg	62.8	9.42	1	A
Aroclor 1254	ND		ug/kg	62.8	6.87	1	A
Aroclor 1260	ND		ug/kg	62.8	11.6	1	A
Aroclor 1262	ND		ug/kg	62.8	7.97	1	A
Aroclor 1268	ND		ug/kg	62.8	6.50	1	A
PCBs, Total	ND		ug/kg	62.8	5.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17
Client ID: SS-10
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/08/24 07:14
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.2	5.35	1	A
Aroclor 1221	ND		ug/kg	60.2	6.03	1	A
Aroclor 1232	ND		ug/kg	60.2	12.8	1	A
Aroclor 1242	ND		ug/kg	60.2	8.12	1	A
Aroclor 1248	ND		ug/kg	60.2	9.03	1	A
Aroclor 1254	ND		ug/kg	60.2	6.59	1	A
Aroclor 1260	19.5	J	ug/kg	60.2	11.1	1	B
Aroclor 1262	ND		ug/kg	60.2	7.65	1	A
Aroclor 1268	ND		ug/kg	60.2	6.24	1	A
PCBs, Total	19.5	J	ug/kg	60.2	5.35	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18
Client ID: SS-11
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/08/24 07:24
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.5	5.11	1	A
Aroclor 1221	ND		ug/kg	57.5	5.76	1	A
Aroclor 1232	ND		ug/kg	57.5	12.2	1	A
Aroclor 1242	ND		ug/kg	57.5	7.76	1	A
Aroclor 1248	ND		ug/kg	57.5	8.63	1	A
Aroclor 1254	ND		ug/kg	57.5	6.29	1	A
Aroclor 1260	ND		ug/kg	57.5	10.6	1	A
Aroclor 1262	ND		ug/kg	57.5	7.31	1	A
Aroclor 1268	ND		ug/kg	57.5	5.96	1	A
PCBs, Total	ND		ug/kg	57.5	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19
Client ID: SS-12
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/08/24 07:34
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.4	5.19	1	A
Aroclor 1221	ND		ug/kg	58.4	5.85	1	A
Aroclor 1232	ND		ug/kg	58.4	12.4	1	A
Aroclor 1242	ND		ug/kg	58.4	7.87	1	A
Aroclor 1248	ND		ug/kg	58.4	8.76	1	A
Aroclor 1254	ND		ug/kg	58.4	6.39	1	A
Aroclor 1260	ND		ug/kg	58.4	10.8	1	A
Aroclor 1262	ND		ug/kg	58.4	7.42	1	A
Aroclor 1268	ND		ug/kg	58.4	6.05	1	A
PCBs, Total	ND		ug/kg	58.4	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/08/24 06:22
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893473-1						
Aroclor 1016	ND		ug/kg	47.5	4.22	A
Aroclor 1221	ND		ug/kg	47.5	4.76	A
Aroclor 1232	ND		ug/kg	47.5	10.1	A
Aroclor 1242	ND		ug/kg	47.5	6.41	A
Aroclor 1248	ND		ug/kg	47.5	7.13	A
Aroclor 1254	ND		ug/kg	47.5	5.20	A
Aroclor 1260	ND		ug/kg	47.5	8.78	A
Aroclor 1262	ND		ug/kg	47.5	6.04	A
Aroclor 1268	ND		ug/kg	47.5	4.92	A
PCBs, Total	ND		ug/kg	47.5	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893473-2 WG1893473-3									
Aroclor 1016	79		84		40-140	6		50	A
Aroclor 1260	82		86		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		75		30-150	A
Decachlorobiphenyl	77		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	B
Decachlorobiphenyl	81		83		30-150	B

PESTICIDES

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07
Client ID: TS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/08/24 09:01
Analyst: EJL
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.13	0.417	1	A
Lindane	ND		ug/kg	0.887	0.396	1	A
Alpha-BHC	ND		ug/kg	0.887	0.252	1	A
Beta-BHC	ND		ug/kg	2.13	0.807	1	A
Heptachlor	ND		ug/kg	1.06	0.477	1	A
Aldrin	9.75		ug/kg	2.13	0.749	1	A
Heptachlor epoxide	3.27	J	ug/kg	3.99	1.20	1	A
Endrin	ND		ug/kg	0.887	0.364	1	A
Endrin aldehyde	ND		ug/kg	2.66	0.931	1	A
Endrin ketone	ND		ug/kg	2.13	0.548	1	A
Dieldrin	3.94		ug/kg	1.33	0.665	1	A
4,4'-DDE	4.36		ug/kg	2.13	0.492	1	B
4,4'-DDD	ND		ug/kg	2.13	0.759	1	A
4,4'-DDT	3.89		ug/kg	2.13	1.71	1	A
Endosulfan I	ND		ug/kg	2.13	0.503	1	A
Endosulfan II	ND		ug/kg	2.13	0.711	1	A
Endosulfan sulfate	ND		ug/kg	0.887	0.422	1	A
Methoxychlor	ND		ug/kg	3.99	1.24	1	A
Toxaphene	ND		ug/kg	39.9	11.2	1	A
cis-Chlordane	16.2	IP	ug/kg	2.66	0.741	1	B
trans-Chlordane	10.5	IP	ug/kg	2.66	0.702	1	B
Chlordane	126		ug/kg	17.7	7.05	1	A

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07
Client ID: TS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/08/24 09:26
Analyst: AKM
Percent Solids: 72%
Methylation Date: 03/08/24 05:45

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	226	14.3	1	A
2,4,5-T	ND		ug/kg	226	7.02	1	A
2,4,5-TP (Silvex)	ND		ug/kg	226	6.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	74		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08
Client ID: TS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/08/24 09:14
Analyst: EJL
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.15	0.420	1	A
Lindane	ND		ug/kg	0.894	0.400	1	A
Alpha-BHC	ND		ug/kg	0.894	0.254	1	A
Beta-BHC	ND		ug/kg	2.15	0.814	1	A
Heptachlor	ND		ug/kg	1.07	0.481	1	A
Aldrin	ND		ug/kg	2.15	0.756	1	A
Heptachlor epoxide	3.58	JIP	ug/kg	4.02	1.21	1	B
Endrin	ND		ug/kg	0.894	0.367	1	A
Endrin aldehyde	ND		ug/kg	2.68	0.939	1	A
Endrin ketone	ND		ug/kg	2.15	0.553	1	A
Dieldrin	5.00		ug/kg	1.34	0.671	1	A
4,4'-DDE	5.10		ug/kg	2.15	0.496	1	B
4,4'-DDD	ND		ug/kg	2.15	0.766	1	A
4,4'-DDT	4.90		ug/kg	2.15	1.73	1	A
Endosulfan I	ND		ug/kg	2.15	0.507	1	A
Endosulfan II	ND		ug/kg	2.15	0.717	1	A
Endosulfan sulfate	ND		ug/kg	0.894	0.426	1	A
Methoxychlor	ND		ug/kg	4.02	1.25	1	A
Toxaphene	ND		ug/kg	40.2	11.3	1	A
cis-Chlordane	21.3	IP	ug/kg	2.68	0.748	1	B
trans-Chlordane	13.8	IP	ug/kg	2.68	0.708	1	B
Chlordane	158		ug/kg	17.9	7.11	1	A

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08
Client ID: TS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/08/24 09:45
Analyst: AKM
Percent Solids: 74%
Methylation Date: 03/08/24 05:45

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	221	13.9	1	A
2,4,5-T	ND		ug/kg	221	6.86	1	A
2,4,5-TP (Silvex)	ND		ug/kg	221	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	77		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17
Client ID: SS-10
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/08/24 09:26
Analyst: EJL
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.434	1	A
Aldrin	0.786	J	ug/kg	1.93	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.62	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	3.61		ug/kg	1.21	0.604	1	A
4,4'-DDE	3.24		ug/kg	1.93	0.447	1	B
4,4'-DDD	ND		ug/kg	1.93	0.690	1	A
4,4'-DDT	2.06	IP	ug/kg	1.93	1.56	1	B
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.2	1	A
cis-Chlordane	5.13	IP	ug/kg	2.42	0.674	1	B
trans-Chlordane	4.00	IP	ug/kg	2.42	0.638	1	B
Chlordane	63.9		ug/kg	16.1	6.40	1	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17 Date Collected: 03/06/24 13:30

Client ID: SS-10 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17
Client ID: SS-10
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/08/24 10:03
Analyst: AKM
Percent Solids: 79%
Methylation Date: 03/08/24 05:45

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	206	13.0	1	A
2,4,5-T	ND		ug/kg	206	6.38	1	A
2,4,5-TP (Silvex)	ND		ug/kg	206	5.47	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	76		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18
Client ID: SS-11
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/08/24 09:39
Analyst: EJL
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	B
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	2.46		ug/kg	1.16	0.578	1	A
4,4'-DDE	2.42		ug/kg	1.85	0.428	1	B
4,4'-DDD	ND		ug/kg	1.85	0.659	1	A
4,4'-DDT	ND	IP	ug/kg	1.85	1.49	1	B
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	4.06	IP	ug/kg	2.31	0.644	1	B
trans-Chlordane	3.20	IP	ug/kg	2.31	0.610	1	B
Chlordane	36.7		ug/kg	15.4	6.12	1	A

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18 Date Collected: 03/06/24 13:35

Client ID: SS-11 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18
Client ID: SS-11
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/08/24 10:22
Analyst: AKM
Percent Solids: 82%
Methylation Date: 03/08/24 05:45

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	200	12.6	1	A
2,4,5-T	ND		ug/kg	200	6.22	1	A
2,4,5-TP (Silvex)	ND		ug/kg	200	5.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	74		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19
Client ID: SS-12
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/08/24 09:51
Analyst: EJL
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.384	1	A
Lindane	ND		ug/kg	0.817	0.365	1	A
Alpha-BHC	ND		ug/kg	0.817	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.744	1	A
Heptachlor	ND		ug/kg	0.981	0.440	1	A
Aldrin	ND		ug/kg	1.96	0.691	1	A
Heptachlor epoxide	ND		ug/kg	3.68	1.10	1	A
Endrin	ND		ug/kg	0.817	0.335	1	A
Endrin aldehyde	ND		ug/kg	2.45	0.858	1	A
Endrin ketone	ND		ug/kg	1.96	0.505	1	A
Dieldrin	2.99		ug/kg	1.22	0.613	1	B
4,4'-DDE	3.14		ug/kg	1.96	0.454	1	B
4,4'-DDD	ND		ug/kg	1.96	0.700	1	A
4,4'-DDT	1.83	JIP	ug/kg	1.96	1.58	1	B
Endosulfan I	ND		ug/kg	1.96	0.463	1	A
Endosulfan II	ND		ug/kg	1.96	0.655	1	A
Endosulfan sulfate	ND		ug/kg	0.817	0.389	1	A
Methoxychlor	ND		ug/kg	3.68	1.14	1	A
Toxaphene	ND		ug/kg	36.8	10.3	1	A
cis-Chlordane	4.18	IP	ug/kg	2.45	0.683	1	B
trans-Chlordane	3.37	IP	ug/kg	2.45	0.647	1	B
Chlordane	42.0		ug/kg	16.3	6.50	1	A

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19 Date Collected: 03/06/24 13:40

Client ID: SS-12 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19
Client ID: SS-12
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/08/24 10:40
Analyst: AKM
Percent Solids: 79%
Methylation Date: 03/08/24 05:45

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.46	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	72		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/08/24 08:31
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 03/07/24 12:48

Methylation Date: 03/08/24 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893425-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.01	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	58		30-150	B

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/08/24 08:24
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893486-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.292	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.94	0.881	A
Endrin	ND		ug/kg	0.652	0.267	A
Endrin aldehyde	ND		ug/kg	1.96	0.685	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	1.56	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.94	0.913	A
Toxaphene	ND		ug/kg	29.4	8.22	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	13.0	5.18	A

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/08/24 08:24
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 03/07/24 14:59
Cleanup Method: EPA 3620B
Cleanup Date: 03/08/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893486-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893425-2 WG1893425-3									
2,4-D	73		70		30-150	4		30	A
2,4,5-T	78		76		30-150	3		30	A
2,4,5-TP (Silvex)	75		72		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	73		66		30-150	A
DCAA	78		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893486-2 WG1893486-3									
Delta-BHC	78		85		30-150	9		30	A
Lindane	74		82		30-150	10		30	A
Alpha-BHC	75		82		30-150	9		30	A
Beta-BHC	83		89		30-150	7		30	A
Heptachlor	93		102		30-150	9		30	A
Aldrin	74		80		30-150	8		30	A
Heptachlor epoxide	84		91		30-150	8		30	A
Endrin	82		88		30-150	7		30	A
Endrin aldehyde	80		83		30-150	4		30	A
Endrin ketone	88		92		30-150	4		30	A
Dieldrin	84		90		30-150	7		30	A
4,4'-DDE	76		82		30-150	8		30	A
4,4'-DDD	85		90		30-150	6		30	A
4,4'-DDT	88		93		30-150	6		30	A
Endosulfan I	84		91		30-150	8		30	A
Endosulfan II	82		87		30-150	6		30	A
Endosulfan sulfate	77		82		30-150	6		30	A
Methoxychlor	108		114		30-150	5		30	A
cis-Chlordane	83		88		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893486-2 WG1893486-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		65		30-150	A
Decachlorobiphenyl	85		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		65		30-150	B
Decachlorobiphenyl	76		80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893486-2 WG1893486-3									
trans-Chlordane	79		84		30-150	6		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		65		30-150	A
Decachlorobiphenyl	85		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		65		30-150	B
Decachlorobiphenyl	76		80		30-150	B

METALS

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6050		mg/kg	26.6	7.18	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	13.3	1.01	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.06		mg/kg	2.66	0.553	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Barium, Total	40.5		mg/kg	2.66	0.462	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.253	J	mg/kg	1.33	0.088	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.66	0.260	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Calcium, Total	3760		mg/kg	26.6	9.30	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Chromium, Total	8.24		mg/kg	2.66	0.255	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.54	J	mg/kg	5.32	0.441	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Copper, Total	10.3		mg/kg	2.66	0.686	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Iron, Total	11000		mg/kg	13.3	2.40	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Lead, Total	12.0	J	mg/kg	13.3	0.712	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Magnesium, Total	1720		mg/kg	26.6	4.09	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Manganese, Total	269		mg/kg	2.66	0.422	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Mercury, Total	0.117		mg/kg	0.089	0.058	1	03/07/24 08:40	03/08/24 09:55	EPA 7471B	1,7471B	MJR
Nickel, Total	6.94		mg/kg	6.64	0.643	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Potassium, Total	894		mg/kg	664	38.3	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Selenium, Total	0.820	J	mg/kg	5.32	0.686	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.33	0.752	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Sodium, Total	62.5	J	mg/kg	532	8.37	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	5.32	0.837	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.1		mg/kg	2.66	0.540	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC
Zinc, Total	35.0		mg/kg	13.3	0.779	5	03/07/24 07:35	03/07/24 13:41	EPA 3050B	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5860		mg/kg	25.5	6.89	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	12.8	0.970	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.94		mg/kg	2.55	0.531	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Barium, Total	37.1		mg/kg	2.55	0.444	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.241	J	mg/kg	1.28	0.084	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.55	0.250	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Calcium, Total	3250		mg/kg	25.5	8.93	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Chromium, Total	8.11		mg/kg	2.55	0.245	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.56	J	mg/kg	5.10	0.424	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Copper, Total	9.43		mg/kg	2.55	0.659	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Iron, Total	10300		mg/kg	12.8	2.30	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Lead, Total	12.1	J	mg/kg	12.8	0.684	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	1640		mg/kg	25.5	3.93	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Manganese, Total	276		mg/kg	2.55	0.406	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.086	0.056	1	03/07/24 08:40	03/08/24 10:05	EPA 7471B	1,7471B	MJR
Nickel, Total	6.80		mg/kg	6.38	0.618	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Potassium, Total	681		mg/kg	638	36.8	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Selenium, Total	0.838	J	mg/kg	5.10	0.659	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.28	0.722	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Sodium, Total	44.7	J	mg/kg	510	8.04	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	5.10	0.804	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.5		mg/kg	2.55	0.518	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC
Zinc, Total	32.1		mg/kg	12.8	0.748	5	03/07/24 07:35	03/07/24 14:27	EPA 3050B	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17 Date Collected: 03/06/24 13:30

Client ID: SS-10 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2700		mg/kg	24.3	6.56	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	12.2	0.924	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.53	J	mg/kg	2.43	0.506	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Barium, Total	16.5		mg/kg	2.43	0.423	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.125	J	mg/kg	1.22	0.080	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.43	0.238	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Calcium, Total	1480		mg/kg	24.3	8.51	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Chromium, Total	5.38		mg/kg	2.43	0.233	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Cobalt, Total	1.62	J	mg/kg	4.86	0.403	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Copper, Total	5.73		mg/kg	2.43	0.627	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Iron, Total	5430		mg/kg	12.2	2.19	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Lead, Total	6.64	J	mg/kg	12.2	0.651	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Magnesium, Total	1050		mg/kg	24.3	3.74	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Manganese, Total	115		mg/kg	2.43	0.386	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.080	0.052	1	03/07/24 08:40	03/08/24 10:08	EPA 7471B	1,7471B	MJR
Nickel, Total	3.86	J	mg/kg	6.08	0.588	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Potassium, Total	441	J	mg/kg	608	35.0	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.86	0.627	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.22	0.688	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Sodium, Total	27.9	J	mg/kg	486	7.66	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.86	0.766	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Vanadium, Total	8.68		mg/kg	2.43	0.493	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC
Zinc, Total	15.4		mg/kg	12.2	0.712	5	03/07/24 07:35	03/07/24 14:33	EPA 3050B	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18 Date Collected: 03/06/24 13:35

Client ID: SS-11 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3100		mg/kg	23.2	6.28	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.6	0.883	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.94	J	mg/kg	2.32	0.484	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Barium, Total	18.6		mg/kg	2.32	0.404	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.154	J	mg/kg	1.16	0.077	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.32	0.228	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Calcium, Total	2110		mg/kg	23.2	8.14	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Chromium, Total	5.36		mg/kg	2.32	0.223	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.20	J	mg/kg	4.65	0.386	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Copper, Total	6.09		mg/kg	2.32	0.600	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Iron, Total	9190		mg/kg	11.6	2.10	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Lead, Total	8.46	J	mg/kg	11.6	0.623	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Magnesium, Total	1350		mg/kg	23.2	3.58	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Manganese, Total	143		mg/kg	2.32	0.370	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.078	0.051	1	03/07/24 08:40	03/08/24 10:11	EPA 7471B	1,7471B	MJR
Nickel, Total	4.03	J	mg/kg	5.81	0.563	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Potassium, Total	463	J	mg/kg	581	33.5	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Selenium, Total	0.745	J	mg/kg	4.65	0.600	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.16	0.658	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Sodium, Total	30.9	J	mg/kg	465	7.32	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.65	0.732	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Vanadium, Total	8.64		mg/kg	2.32	0.472	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC
Zinc, Total	16.7		mg/kg	11.6	0.681	5	03/07/24 07:35	03/07/24 14:37	EPA 3050B	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19 Date Collected: 03/06/24 13:40

Client ID: SS-12 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2680		mg/kg	24.4	6.57	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	12.2	0.925	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.58	J	mg/kg	2.44	0.506	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Barium, Total	18.4		mg/kg	2.44	0.424	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.156	J	mg/kg	1.22	0.080	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.44	0.239	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Calcium, Total	1660		mg/kg	24.4	8.52	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Chromium, Total	5.02		mg/kg	2.44	0.234	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	1.94	J	mg/kg	4.87	0.404	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Copper, Total	5.76		mg/kg	2.44	0.628	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Iron, Total	5950		mg/kg	12.2	2.20	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Lead, Total	7.07	J	mg/kg	12.2	0.653	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	1050		mg/kg	24.4	3.75	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Manganese, Total	133		mg/kg	2.44	0.387	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.080	0.052	1	03/07/24 08:40	03/08/24 10:21	EPA 7471B	1,7471B	MJR
Nickel, Total	4.05	J	mg/kg	6.09	0.589	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Potassium, Total	397	J	mg/kg	609	35.1	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.87	0.628	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.22	0.689	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Sodium, Total	24.3	J	mg/kg	487	7.67	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.87	0.767	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	8.49		mg/kg	2.44	0.494	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC
Zinc, Total	16.4		mg/kg	12.2	0.713	5	03/07/24 07:35	03/07/24 14:42	EPA 3050B	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08,17-19 Batch: WG1893235-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/07/24 08:40	03/08/24 09:48	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-08,17-19 Batch: WG1893236-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Arsenic, Total	0.142	J	mg/kg	0.400	0.083	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Calcium, Total	4.98		mg/kg	4.00	1.40	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Iron, Total	2.83		mg/kg	2.00	0.361	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Selenium, Total	0.115	J	mg/kg	0.800	0.103	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Sodium, Total	1.94	J	mg/kg	80.0	1.26	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/07/24 07:35	03/07/24 13:19	1,6010D	DMC

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 Batch: WG1893235-2 SRM Lot Number: D123-540								
Mercury, Total	83		-		67-132	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 Batch: WG1893236-2 SRM Lot Number: D123-540					
Aluminum, Total	68	-	53-147	-	
Antimony, Total	164	-	2-201	-	
Arsenic, Total	102	-	82-118	-	
Barium, Total	93	-	82-118	-	
Beryllium, Total	101	-	83-117	-	
Cadmium, Total	104	-	83-118	-	
Calcium, Total	103	-	82-118	-	
Chromium, Total	100	-	81-118	-	
Cobalt, Total	104	-	83-117	-	
Copper, Total	100	-	83-117	-	
Iron, Total	95	-	58-142	-	
Lead, Total	105	-	82-119	-	
Magnesium, Total	92	-	75-124	-	
Manganese, Total	107	-	81-119	-	
Nickel, Total	104	-	82-118	-	
Potassium, Total	79	-	72-128	-	
Selenium, Total	101	-	81-119	-	
Silver, Total	103	-	79-120	-	
Sodium, Total	96	-	74-126	-	
Thallium, Total	98	-	81-120	-	
Vanadium, Total	100	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 Batch: WG1893236-2 SRM Lot Number: D123-540					
Zinc, Total	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893235-3 QC Sample: L2412250-07 Client ID: TS-7												
Mercury, Total	0.117	1.73	1.76	95		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893236-3 QC Sample: L2412250-07 Client ID: TS-7										
Aluminum, Total	6050	213	7640	**745**	Q	-	-	75-125	-	20
Antimony, Total	ND	53.3	54.2	102		-	-	75-125	-	20
Arsenic, Total	3.06	12.8	16.1	102		-	-	75-125	-	20
Barium, Total	40.5	213	253	100		-	-	75-125	-	20
Beryllium, Total	0.253J	5.33	5.78	108		-	-	75-125	-	20
Cadmium, Total	ND	5.65	5.76	102		-	-	75-125	-	20
Calcium, Total	3760	1070	4230	**44**	Q	-	-	75-125	-	20
Chromium, Total	8.24	21.3	30.6	105		-	-	75-125	-	20
Cobalt, Total	3.54J	53.3	58.5	110		-	-	75-125	-	20
Copper, Total	10.3	26.7	38.3	105		-	-	75-125	-	20
Iron, Total	11000	107	12000	**938**	Q	-	-	75-125	-	20
Lead, Total	12.0J	56.5	71.0	**126**	Q	-	-	75-125	-	20
Magnesium, Total	1720	1070	2950	115		-	-	75-125	-	20
Manganese, Total	269	53.3	308	**73**	Q	-	-	75-125	-	20
Nickel, Total	6.94	53.3	63.2	106		-	-	75-125	-	20
Potassium, Total	894	1070	2000	104		-	-	75-125	-	20
Selenium, Total	0.820J	12.8	13.3	104		-	-	75-125	-	20
Silver, Total	ND	5.33	5.58	105		-	-	75-125	-	20
Sodium, Total	62.5J	1070	1200	112		-	-	75-125	-	20
Thallium, Total	ND	12.8	12.8	100		-	-	75-125	-	20
Vanadium, Total	14.1	53.3	69.4	104		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893236-3 QC Sample: L2412250-07 Client ID: TS-7									
Zinc, Total	35.0	53.3	87.8	99	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893235-4 QC Sample: L2412250-07 Client ID: TS-7						
Mercury, Total	0.117	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893236-4 QC Sample: L2412250-07 Client ID: TS-7					
Aluminum, Total	6050	6650	mg/kg	9	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	3.06	3.11	mg/kg	2	20
Barium, Total	40.5	41.2	mg/kg	2	20
Beryllium, Total	0.253J	0.265J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	3760	3390	mg/kg	10	20
Chromium, Total	8.24	9.12	mg/kg	10	20
Cobalt, Total	3.54J	3.58J	mg/kg	NC	20
Copper, Total	10.3	11.2	mg/kg	8	20
Iron, Total	11000	11200	mg/kg	2	20
Lead, Total	12.0J	13.7	mg/kg	NC	20
Magnesium, Total	1720	1740	mg/kg	1	20
Manganese, Total	269	270	mg/kg	0	20
Nickel, Total	6.94	7.44	mg/kg	7	20
Potassium, Total	894	904	mg/kg	1	20
Selenium, Total	0.820J	0.934J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	62.5J	91.9J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893236-4 QC Sample: L2412250-07 Client ID: TS-7					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	14.1	16.5	mg/kg	16	20
Zinc, Total	35.0	36.8	mg/kg	5	20

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893236-6 QC Sample: L2412250-07 Client ID: TS-7						
Aluminum, Total	6050	5680	mg/kg	6		20
Calcium, Total	3760	3600	mg/kg	4		20
Iron, Total	11000	10800	mg/kg	2		20
Magnesium, Total	1720	1670	mg/kg	3		20
Manganese, Total	269	259	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-01 Date Collected: 03/06/24 11:30

Client ID: TS-1 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-02
Client ID: TS-2
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 11:35
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.6		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-03
Client ID: TS-3
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 11:40
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-04 Date Collected: 03/06/24 11:45

Client ID: TS-4 Date Received: 03/06/24

Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.2		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-05
Client ID: TS-5
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 11:50
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.5		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-06
Client ID: TS-6
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 11:55
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-07
Client ID: TS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	03/07/24 11:50	03/07/24 16:20	1,9010C/9012B	JER

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-08
Client ID: TS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.28	1	03/07/24 11:50	03/07/24 16:25	1,9010C/9012B	JER

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-09
Client ID: SS-1
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:45
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-10
Client ID: SS-2
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:50
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-11
Client ID: SS-4
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:00
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-12
Client ID: SS-5
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:05
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-13
Client ID: SS-6
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:10
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.1		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-14
Client ID: SS-7
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:15
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-15
Client ID: SS-8
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:20
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-16
Client ID: SS-9
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:25
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-17
Client ID: SS-10
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	03/07/24 06:50	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/07/24 11:50	03/07/24 16:26	1,9010C/9012B	JER

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-18
Client ID: SS-11
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil
Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	03/07/24 07:18	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	03/07/24 11:50	03/07/24 16:27	1,9010C/9012B	JER

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-19
Client ID: SS-12
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.4		%	0.100	NA	1	-	03/07/24 07:18	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	03/07/24 11:50	03/07/24 16:28	1,9010C/9012B	JER

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412250
Report Date: 03/08/24

SAMPLE RESULTS

Lab ID: L2412250-22
Client ID: SS-3
Sample Location: 26-40 1ST STREET, ASTORIA, NEW YORK 11102
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:55
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	03/07/24 07:18	121,2540G	ROI

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412250

Project Number: 1338.0010Y008 **Report Date:** 03/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 07-08,17-19 Batch: WG1893315-1										
Cyanide, Total	ND		mg/kg	0.85	0.18	1	03/07/24 11:50	03/07/24 16:16	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-08,17-19 Batch: WG1893315-2 WG1893315-3								
Cyanide, Total	80		**62**	Q	80-120	32		35

Matrix Spike Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-08,17-19 QC Batch ID: WG1893315-4 WG1893315-5 QC Sample: L2412250-07 Client ID: TS-7												
Cyanide, Total	ND	13	13	98		12	94		75-125	8		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412250

Report Date: 03/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG1893242-1 QC Sample: L2412250-01 Client ID: TS-1						
Solids, Total	75.0	75.7	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 18-19,22 QC Batch ID: WG1893245-1 QC Sample: L2412251-03 Client ID: DUP Sample						
Solids, Total	79.8	78.7	%	1		20

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-01A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-01B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-01C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-01D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-01X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-01Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-01Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-02A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-02B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-02C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-02D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-02X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-02Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-02Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-03A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-03B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-03C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-03D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-03X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-03Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-03Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-04A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-04B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-04C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-04D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-04X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-04Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-04Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-05A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-05B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-05C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-05D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-05X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-05Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-05Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-06A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-06B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-06C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-06D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-06X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-06Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-06Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-07A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-07B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2412250-07C	Glass 500ml/16oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2412250-08A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-08B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2412250-08C	Glass 500ml/16oz unpreserved	B	NA		2.6	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2412250-09A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-09B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-09C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-09D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-09X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-09Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-09Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-10A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-10B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-10C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-10D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-10X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-10Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-10Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-11A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-11B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-11C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-11D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-11X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-11Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-11Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-12A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-12B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-12C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-12D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-12X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-12Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-12Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-13A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-13B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-13C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-13D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-13X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-13Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-13Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-14A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-14B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-14C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-14D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-14X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-14Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-14Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-15A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-15B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-15C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-15D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-15X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-15Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-15Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-16A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-16B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-16C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-16D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-16X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-16Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-16Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)
L2412250-17A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-17B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2412250-17C	Glass 500ml/16oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2412250-18A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-18B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2412250-18C	Glass 500ml/16oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2412250-19A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-19B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2412250-19C	Glass 500ml/16oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2412250-22A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-22B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-22C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-22D	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L2412250-22X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2412250-22Y	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412250
Report Date: 03/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412250-22Z	Vial Water preserved split	B	NA		2.6	Y	Absent	07-MAR-24 06:18	NYTCL-8260HLW(14)

Container Comments

L2412250-07B	Labelled "SS-7"

*Values in parentheses indicate holding time in days

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

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.)

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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412250
Project Number:	1338.0010Y008	**Report Date:**	03/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & 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/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412750

Client Information
Client: Roux ~~Associates~~ Env. Eng.
Address: 209 Shafter St. Islandia, New York
Phone: 631-232-2600
Fax:
Email: cmiller@rouxinc.com

Project Information
Project Name: Hallets Point Building 2/3
Project Location: 121 NY-303 Tappan, NY
Project #: 1338.0010 4008
(Use Project name as Project #)
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Hold A2-SPLP-1633-Draft samples

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS	Hold 6010 NYTCL-8260, TCN NYTCL-8260, NYTCL-8270	Total Hg Total Metals	A2-1633	A2-SPLP-1633 Draft	TCL Volatiles	1,4-dioxane	Sample Specific Comments	Total Bottle
12750-01	TS-1	3/6/24	1130	G	SL	X	X	X			X			
-02	TS-2		1135			X	X	X			X			
-03	TS-3		1140			X	X	X			X			
-04	TS-4		1145			X	X	X			X			
-05	TS-5		1150			X	X	X			X			
-06	TS-6		1155			X	X	X			X			
-07	TS-7		1200	G		X	X	X	X	X		X		
-08	TS-8		1205	G		X	X	X	X	X		X		
-09	SS-1		~~1245~~ 1240	G		X	X	X			X			
-10	SS-2		1250	G		X	X	X			X			

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P	G[A]	G[A]	P	P	E		
Preservative	A	A	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
	3/6/24 1530		3/6/24 1530
	3/6/24 1900		3/6/24 13:21
	3/6/24	NA	3/6 22:00
NA	3/7 0120		3/7/24 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABS

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412250

Client Information
Client: Roux Env Eng. and Geology
Address: 209 Shaffer St. Islandia NY
Phone: 631 232-2600
Fax:
Email: rmiller@rouxinc.com

Project Information
Project Name: Halletts Rent Building 2/3
Project Location: 121 NY-303, Tappan NY
Project #: 1338.0010 4008
(Use Project name as Project #) ☐
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Hold A2-SPLP-1633-Draft samples

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS	TCL Volatiles	Herb-AFA NYTCL-8081 TCN NYTCL-8082 NYTCL-8151	Total Hg Total Meth	A2-1633	A2-SPLP-1633-Draft	1,4-Dioxane	Total Bottle	Sample Specific Comments
12250-11	SS-4	3/6/24	1300	G	SL	X	X	X	X					
-12	SS-5		1305			X	X	X	X					
-13	SS-6		1310			X	X	X	X					
-14	SS-7		1315			X	X	X	X					
-15	SS-8		1320			X	X	X	X					
-16	SS-9		1325			X	X	X	X					
-17	SS10		1330	C		X		X	X	X	X	X		
-18	SS11		1335	C		X		X	X	X	X	X		
-19	SS-12		1340	C		X		X	X	X	X	X		
-20	FB-1		1400	G						X		X		

Container Type: P E A A P P P
Preservative: A A A A A A A

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/6/24 1530		3/6/24 1530
	3/6/24 1900		3/7/24 9:01
	3/7/24		3/7/24 22:00
	3/7/24 0020		3/7/24 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

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Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412250

Client Information
Client: Roux Env Eng & Geology
Address: 209 Shafter St. Islandia NY
Phone: 631-232-2600
Fax:
Email: rmiller@roux.inc.com

Project Information
Project Name: Hallet's Point Building 2/3
Project Location: 121 NY 303-Tappan NY
Project #: 1338.0010400B
(Use Project name as Project #)
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2

Deliverables
☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☑ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS	TCL VOA Volatiles	Hold: 1,4-dioxane, TCL VOA, ANYTCL-8260	Total Hg - Total Metals	A2-1633	1,4-dioxane			Sample Specific Comments
12250-21	FB-2	3/6/24	1405	G	SL					X	X			
-22	SS-3	3/6/24	1255	G	SL	X	X	~~X~~	~~X~~					

Container Type: P | E | A | A | P | P
Preservative: A | A | A | A | A | A

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = $NaHSO_4$; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/6/24 1530		3/6/24 1530
	3/6/24 1900		3/6/24 19:01
	3/6/24	NAC	3/6 22:00
AH	3/7 0520		3/7/24 0520

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2412245
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Rachel Miller
Phone:	(631) 630-2436
Project Name:	HALLETTS POINT BUILDINGS 2 & 3
Project Number:	1338.0010Y008
Report Date:	03/26/24

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Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412245-01	TS-7	SOIL	121 NY-303 TUPPON, NY	03/06/24 12:00	03/06/24
L2412245-02	TS-8	SOIL	121 NY-303 TUPPON, NY	03/06/24 12:05	03/06/24
L2412245-03	SS10	SOIL	121 NY-303 TUPPON, NY	03/06/24 13:30	03/06/24
L2412245-04	SS11	SOIL	121 NY-303 TUPPON, NY	03/06/24 13:35	03/06/24
L2412245-05	SS12	SOIL	121 NY-303 TUPPON, NY	03/06/24 13:40	03/06/24
L2412245-06	FB-1	WATER	121 NY-303 TUPPON, NY	03/06/24 14:00	03/06/24
L2412245-07	FB-2	WATER	121 NY-303 TUPPON, NY	03/06/24 14:05	03/06/24

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

Case Narrative (continued)

Report Submission

March 26, 2024: This final report includes the results of all requested analyses.

March 15, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

This report contains the results of the 1633 analysis. The results of all other analyses will be issued under separate cover.

Perfluorinated Alkyl Acids by 1633

L2412245-01, -02, -03, -04, and -05: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1893803-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The WG1895298-2 Low Level LCS recovery, associated with L2412245-01 through -05, is above the acceptance criteria for 1h,1h,2h,2h-perfluorooctanesulfonic acid (6:2fts) (173%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1895298-3 LCS recovery, associated with L2412245-01 through -05, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (161%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

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:  Alycia Mogayzel

Title: Technical Director/Representative Date: 03/26/24

ORGANICS

SEMIVOLATILES

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-01
Client ID: TS-7
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/13/24 15:30
Analyst: RS
Percent Solids: 68%

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.348	J	ng/g	0.781	0.049	1
Perfluoropentanoic Acid (PFPeA)	0.088	J	ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	0.047	J	ng/g	0.195	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.781	0.079	1
Perfluorohexanoic Acid (PFHxA)	0.113	J	ng/g	0.195	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.073	J	ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	0.388		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.781	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	0.101	J	ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.376		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.781	0.378	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	0.040	J	ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.781	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.781	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.038	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-01 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.781	0.191	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.781	0.163	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.195	0.109	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.908	J	ng/g	1.95	0.244	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1.41	J	ng/g	1.95	0.498	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.390	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.390	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.390	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.390	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.976	0.140	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.88	0.493	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.88	1.72	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-01 Date Collected: 03/06/24 12:00

Client ID: TS-7 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**188**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	92		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	129		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	90		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**258**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	143		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	135		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	83		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	68		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-02
Client ID: TS-8
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/13/24 15:43
Analyst: RS
Percent Solids: 73%

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.290	J	ng/g	0.785	0.050	1
Perfluoropentanoic Acid (PFPeA)	0.079	J	ng/g	0.392	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	0.044	J	ng/g	0.196	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.785	0.079	1
Perfluorohexanoic Acid (PFHxA)	0.103	J	ng/g	0.196	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.075	J	ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.408		ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.785	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	0.115	J	ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.568		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	0.091	J	ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.785	0.380	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	0.064	J	ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	0.043	J	ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.785	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.785	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-02 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.785	0.192	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.785	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	1.15	J	ng/g	1.96	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	1.30	J	ng/g	1.96	0.501	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.392	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.392	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.392	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.392	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.981	0.141	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.91	0.495	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.91	1.73	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-02 Date Collected: 03/06/24 12:05

Client ID: TS-8 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**173**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	114		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**225**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	128		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	128		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	55		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-03
Client ID: SS10
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/13/24 15:56
Analyst: RS
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.093	J	ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.080	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.037	J	ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.158	J	ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.168	J	ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-03 Date Collected: 03/06/24 13:30

Client ID: SS10 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.295	J	ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.75	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-03 Date Collected: 03/06/24 13:30

Client ID: SS10 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	117		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**200**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	138		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	121		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	140		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-04
Client ID: SS11
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/13/24 16:09
Analyst: RS
Percent Solids: 78%

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.098	J	ng/g	0.772	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.386	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.193	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.772	0.078	1
Perfluorohexanoic Acid (PFHxA)	0.063	J	ng/g	0.193	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.193	0.022	1
Perfluoroheptanoic Acid (PFHpA)	0.032	J	ng/g	0.193	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.193	0.057	1
Perfluorooctanoic Acid (PFOA)	0.160	J	ng/g	0.193	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.554	J	ng/g	0.772	0.270	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.193	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.193	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	0.181	J	ng/g	0.193	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.193	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.772	0.373	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.193	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.193	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.193	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.193	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.193	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.193	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.193	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.193	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.193	0.103	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.772	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.772	0.141	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.193	0.037	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-04 Date Collected: 03/06/24 13:35

Client ID: SS11 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.772	0.189	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.772	0.161	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.193	0.096	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.193	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.383	J	ng/g	1.93	0.241	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	0.546	J	ng/g	1.93	0.492	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.386	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.386	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.386	0.080	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.386	0.092	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.964	0.139	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.82	0.487	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.82	1.70	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-04 Date Collected: 03/06/24 13:35

Client ID: SS11 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	122		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**212**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	134		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	120		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-05
Client ID: SS12
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/13/24 16:21
Analyst: RS
Percent Solids: 79%

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.104	J	ng/g	0.782	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.782	0.079	1
Perfluorohexanoic Acid (PFHxA)	0.052	J	ng/g	0.196	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	0.032	J	ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.176	J	ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.366	J	ng/g	0.782	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.232		ng/g	0.196	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.782	0.379	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.782	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.782	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-05 Date Collected: 03/06/24 13:40

Client ID: SS12 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.782	0.192	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.782	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	0.471	J	ng/g	1.96	0.245	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	0.627	J	ng/g	1.96	0.499	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.391	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.391	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.391	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.391	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.978	0.141	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.89	0.494	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.89	1.72	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-05 Date Collected: 03/06/24 13:40

Client ID: SS12 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	122		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	89		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**203**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	129		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	121		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	90		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-06
Client ID: FB-1
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 14:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 03/11/24 21:41
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/08/24 10:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.25	1.00	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.12	0.836	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.524	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.25	1.63	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.56	0.461	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.274	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.56	0.312	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.375	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.56	0.680	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.25	2.11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.422	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.492	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.56	0.711	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.633	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.25	2.43	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.484	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.852	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.680	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.359	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.422	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.844	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.719	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.586	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.414	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.25	0.875	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.25	0.985	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.594	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-06 Date Collected: 03/06/24 14:00

Client ID: FB-1 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.25	1.29	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.25	1.29	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.680	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.719	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	3.67	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.91	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.12	0.445	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.12	0.414	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.12	0.344	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.12	1.84	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.81	2.58	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.1	9.14	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.1	6.16	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-06 Date Collected: 03/06/24 14:00

Client ID: FB-1 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	67		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	66		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	42		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-07
Client ID: FB-2
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 14:05
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 03/11/24 21:54
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/08/24 10:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.08	0.972	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.04	0.813	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.52	0.509	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.08	1.59	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.52	0.448	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.52	0.266	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.52	0.304	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.52	0.365	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.52	0.661	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.08	2.05	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.52	0.410	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.52	0.479	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.52	0.691	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.52	0.615	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.08	2.36	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.471	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.828	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.661	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.349	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.410	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.820	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.699	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.570	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.403	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.08	0.851	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.08	0.957	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.577	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-07 Date Collected: 03/06/24 14:05

Client ID: FB-2 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.08	1.25	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.08	1.25	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.661	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.699	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	3.57	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.86	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.04	0.433	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.04	0.403	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.04	0.334	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.04	1.79	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.60	2.51	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.0	8.89	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.0	5.99	1

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-07 Date Collected: 03/06/24 14:05

Client ID: FB-2 Date Received: 03/06/24

Sample Location: 121 NY-303 TUPPON, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	74		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	73		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	56		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/11/24 15:23
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/08/24 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-07 Batch: WG1893803-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/11/24 15:23
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/08/24 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-07 Batch: WG1893803-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/11/24 15:23
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/08/24 10:40

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-07 Batch: WG1893803-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	71		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	62		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	56		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	53		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	48		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	51		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	42		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	37		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		20-150

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/13/24 14:52
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1895298-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.755	J	ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/13/24 14:52
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1895298-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: HALLETTS POINT BUILDINGS 2 & 3 **Lab Number:** L2412245

Project Number: 1338.0010Y008 **Report Date:** 03/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/13/24 14:52
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/12/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 03/13/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1895298-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	80		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	102		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	92		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	108		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	107		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	113		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	108		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	120		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	101		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	99		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	93		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	113		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	83		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	95		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	68		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	69		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	74		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	85		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	97		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	107		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	143		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	62		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	46		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	68				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	66				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	67				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	64				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	65				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	47				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	54				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	60				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	58				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	91				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-3								
Perfluorobutanoic Acid (PFBA)	99		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	117		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	101		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	123		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	103		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	124		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	99		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	116		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	97		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-3								
Perfluorotridecanoic Acid (PFTrDA)	115		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	117		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	115		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	92		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	110		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	75		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	75		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	89		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	91		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	94		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	101		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	96		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	104		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	141		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	98		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	80		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	57		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1893803-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	66				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	75				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	66				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	99				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	114		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	110		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	109		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	117		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	138		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**173**	Q	-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	109		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	140		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	131		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	133		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	93		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	129		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	117		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	123		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	118		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	83		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	103		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	88		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	110		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	109		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	119		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	127		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	91		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	112		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	76				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	65				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-3								
Perfluorobutanoic Acid (PFBA)	120		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	120		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	123		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	121		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	120		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	121		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	120		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	138		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	148		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	109		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	141		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	126		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	110		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	125		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	127		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	117		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-3								
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	125		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	127		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	122		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	85		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	126		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	115		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	109		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	127		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	117		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	125		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	128		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	119		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**161**	Q	-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1895298-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	133				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	125				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	89				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	122				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68				20-150

INORGANICS
&
MISCELLANEOUS

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-01
Client ID: TS-7
Sample Location: 121 NY-303 TUPPON, NY

Date Collected: 03/06/24 12:00
Date Received: 03/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	68.1		%	0.100	0.100	1	-	03/11/24 16:38	121,2540G	CLF

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412245
Report Date: 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-02
Client ID: TS-8
Sample Location: 121 NY-303 TUPPON, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 12:05
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	73.3		%	0.100	0.100	1	-	03/11/24 16:38	121,2540G	CLF

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412245
Report Date: 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-03
Client ID: SS10
Sample Location: 121 NY-303 TUPPON, NY
Sample Depth:
Matrix: Soil

Date Collected: 03/06/24 13:30
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	82.3		%	0.100	0.100	1	-	03/11/24 16:38	121,2540G	CLF

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412245
Report Date: 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-04
Client ID: SS11
Sample Location: 121 NY-303 TUPPON, NY
Sample Depth:
Matrix: Soil
Date Collected: 03/06/24 13:35
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	78.2		%	0.100	0.100	1	-	03/11/24 16:38	121,2540G	CLF

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008
Lab Number: L2412245
Report Date: 03/26/24

SAMPLE RESULTS

Lab ID: L2412245-05
Client ID: SS12
Sample Location: 121 NY-303 TUPPON, NY
Sample Depth:
Matrix: Soil
Date Collected: 03/06/24 13:40
Date Received: 03/06/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	78.9		%	0.100	0.100	1	-	03/11/24 16:38	121,2540G	CLF

Lab Duplicate Analysis

Batch Quality Control

Project Name: HALLETTS POINT BUILDINGS 2 & 3

Project Number: 1338.0010Y008

Lab Number: L2412245

Report Date: 03/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1894823-1 QC Sample: L2408624-06 Client ID: DUP Sample						
Solids, Total	84.0	86.6	%	3		10

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412245-01A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-537(14)
L2412245-01B	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2412245-01X	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-01X1	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-01X2	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-01X9	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-02A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-537(14)
L2412245-02B	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2412245-02X	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-02X1	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-02X2	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-02X9	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-03A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-537(14)
L2412245-03B	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2412245-03X	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-03X1	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-03X2	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-03X9	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-04A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-537(14)
L2412245-04B	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2412245-04X	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-04X1	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412245-04X2	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-04X9	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-05A	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		HOLD-537(14)
L2412245-05B	Plastic 8oz unpreserved	A	NA		4.0	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2412245-05X	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-05X1	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-05X2	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-05X9	Plastic 8oz unpreserved	NA	NA			Y	Absent		HOLD-537(14)
L2412245-06A	Plastic 500ml unpreserved	A	NA		4.0	Y	Absent		A2-1633-DRAFT(28)
L2412245-06B	Plastic 950ml unpreserved	A	NA		4.0	Y	Absent		A2-1633-DRAFT(28)
L2412245-07A	Plastic 500ml unpreserved	A	NA		4.0	Y	Absent		A2-1633-DRAFT(28)
L2412245-07B	Plastic 950ml unpreserved	A	NA		4.0	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: HALLETTS POINT BUILDINGS 2 & 3
Project Number: 1338.0010Y008

Lab Number: L2412245
Report Date: 03/26/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

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.)

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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were 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:	HALLETTS POINT BUILDINGS 2 & 3	**Lab Number:**	L2412245
Project Number:	1338.0010Y008	**Report Date:**	03/26/24

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
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.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

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 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

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, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & 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/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Page 1 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412345

Client Information

Client: Roux Assoc. Env. Eng.
Address: 209 Shafter St.
Islandia, New York
Phone: 631-232-2600
Fax:
Email: rmiller@rouxinc.com

Project Information

Project Name: Hallets Point Building 2/3
Project Location: 121 NY-303, Tappan, NY
Project #: 1338.0010Y008
(Use Project name as Project #)
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time

Standard: ☐ Due Date:
Rush (only if pre approved): ☒ # of Days: 2

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Hold A2-SPLP-1633-Draft samples

Please specify Metals or TAL.

ANALYSIS

TS | Hold, 4th Aliquot, TCN, NYTCL-8260-10 | Total Hg Total metals | A2-1633 | A2-SPLP-1633-Draft | TCL Volatiles | 1,4-dioxane

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS	Hold, 4th Aliquot, TCN, NYTCL-8260-10	Total Hg Total metals	A2-1633	A2-SPLP-1633-Draft	TCL Volatiles	1,4-dioxane	Sample Specific Comments
12288-01	TS-1	3/6/24	1130	G	SL	X	X	X			X		
-02	TS-2		1135			X	X	X			X		
-03	TS-3		1140			X	X	X			X		
-04	TS-4		1145			X	X	X			X		
-05	TS-5		1150			X	X	X			X		
-06	TS-6		1155			X	X	X			X		
-07	TS-7		1200	G		X	X	X	X	X		X	
-08	TS-8		1205	G		X	X	X	X	X		X	
-09	SS-1		1244	G		X	X	X			X		
-10	SS-2		1250	G		X	X	X			X		

Container Type: P | G[A] | G[A] | P | P | E
Preservative: A | A | A | A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/7/24 1500		3/7/24 1500
	3/6/24 1800		3/6/24 2013:21
	3/7/24	NA	3/6 22:00
	3/7 0120		3/7/24 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412250

Client Information

Client: Roux Env. Eng. and Geology
Address: 209 Shaffer St.
Islandia NY
Phone: 631 232-2600
Fax:
Email: cmiller@rouxinc.com

Project Information

Project Name: Hallett's Point Building 2/3
Project Location: 121 NY-303, Tappan NY
Project #: 1338.001040Q8
(Use Project name as Project #)
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Hold A2-SPLP-1633-Draft samples

Please specify Metals or TAL.

ANALYSIS

TS
TCL Volatiles
Herb-AFA NYTCL-8260T
TCN NYTCL-8260T NYTCL-8260T
Total Hg Total Mebb
A2-1633
A2-SPLP-1633 (Draft)
1,4-Dioxane

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
12250-01	SS-4	3/6/24	1300	G	SL	
-02	SS-5		1305			
-03	SS-6		1310			
-04	SS-7		1315			
-05	SS-8		1320			
-06	SS-9		1325			
-07	SS-10		1330	C		
-08	SS-11		1335	C		
-09	SS-12		1340	C		
-10	FB-1		1400	G		

Container Type: P E A A P P P
Preservative: A A A A A A A

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/6/24 1530		3/6/24 1530
	3/6/24 1900		3/6/24 21:01
	3/7/24 0000		3/7/24 0000

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Page 3 of 3

Date Rec'd in Lab: 3/7/24

ALPHA Job #: L2412250

Project Information

Project Name: Hallets Point Building 2/3
Project Location: 121 NY 303 - Tappan NY
Project #: 133B.0010.4008
(Use Project name as Project #)
Project Manager: Rachel Miller
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2

Client Information

Client: Roux Env Eng + Geology
Address: 209 Shafter St.
Islandia NY
Phone: 631-232-2600
Fax:
Email: rmiller@roux.com

Deliverables

☐ ASP-A ☑ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP 51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL:

ANALYSIS

Sample Filtration
☐ Done
☑ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TS	TCL VOC Volatiles	Herbicides - NYTCL-8151	Total Hg - Total Mercury	A2-1633	1,4-dioxane			Sample Specific Comments	Total Bottle
12250-2	FB-2	3/6/24	1405	G	SL					X	X				
45-12	SS-3	3/6/24	1255	G	SL	X	X	X	X						

Preservative Code: A = None; B = HCl; C = HNO_3; D = H_2SO_4; E = NaOH; F = MeOH; G = NaHSO4; H = $Na_2S_2O_3$; K/E = Zn Ac/NaOH; O = Other

Container Code: P = Plastic; A = Amber Glass; V = Vial; G = Glass; B = Bacteria Cup; C = Cube; O = Other; E = Encore; D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P	E	A	A	A	P			
Preservative	A	A	A	A	A	A			

Relinquished By:	Date/Time	Received By:	Date/Time
	3/6/24 1530		3/6/24 1530
	3/6/24 1900		3/6/24 19:01
	3/6/24 21	NA	3/6 22:00
	3/7 0720		3/7/24 0720

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

3/10/22

L2212245

NewFields
Perspective. Vision. Solutions.

Environmental Forensics Practice LLC

Chain of Custody

Rec: [signature] 3/14/24 13:45

Rec: [signature] 3/14/24 0910 Rel: [signature] 3/14/24 1345

Proj. No | Proj. Name: Ed Voloka

SAMPLERS Signature: Veronica Voloka

ANALYSIS REQUESTED → "NUMBER OF CONTAINERS"

DATE	TIME	LAB ID	CLIENT ID	SAMPLE DESCRIPTION	MATRIX (Oil-Solid-Water)	GC-FID-TPH (C+)	GCMS-Alkyl PAH	GCMS-Remarkers	PLANO - VOA	Organic Lead	METALS	PCB	Pesticide	PRESERVED	Total Number of Containers
				Oil Tank	Oil										1

Relinquished by: LMT Oil Phone 508-434-1335
PO Box 136
Charlton, MA 01507

Date/Time: Jan 10 2022 4.00pm

Received by: Veronica Voloka Phone 508-479-0135
140 Fremont St 311
Worcester, MA 01603

Date/Time: Jan 10 2022 4.00pm

Relinquished by: Veronica Voloka

Date/Time: 3/9/22 1045

Received by: [signature]

Date/Time: 3/9/22 1045

Comments: Samples to be shipped to: Alpha Laboratory, 320 Forbes Blvd, Mansfield, MA 02048, Tel: (508) 822-9300, Attn: Sue Orsell

3/9/22 1712

Contact Ted Healey New Fields for Analytical Plan Phone 781-681-5040 ext 109

[signature] 3/9/22 1712

Ted Healey
Senior Research Scientist
New Fields Environmental Forensics
300 Ledgewood Place, Suite 305
Rockland, MA 02370
781-681-5040 ext 109

Sample Location
50 Park Ave
Sturbridge, MA 01566

Kyle Wooster 3/10/22 4:00

[signature] 3/10/22 4:45

[signature] 3/10/22 5:30

[signature] AM 3/10/22 0530

Submittal Review Sheet
Project #: U00049
HLP 20-30

URBAN ATELIER GROUP

Submittal Information

Trade Contractor: Let It Grow

Submittal Name: ESP - Horticultural Subsoil Testing

Revision #: 0

0 **General Contractor**

Received

RECEIVED
11/29/2023
URBAN ATELIER GROUP

Review

This Submittal has been reviewed for general conformance to the Contract Documents and coordination with contiguous work.

Date : 11/29/2023
Submittal # : 4050-329100
Reviewed By : Madison Pulitano | Urban Atelier Group

This review does not relieve the Subcontractor of their responsibility to UAG to make the work conform to the requirements of the contract documents. The Subcontractor also remains responsible to UAG for all dimensions, correct fabrication and accurate fit with the work of other trades. The contents of this Submittal are subject to approval by the Architect.

1 **Reviewer 1**

2 **Reviewer 2**

Submittal Review Sheet
Project #: U00049
HLP 20-30

URBAN ATELIER GROUP

3	**Reviewer 3**
4	**Reviewer 4**
5	**Reviewer 5**

Let It Grow, Inc.
Landscape & Site Construction

52 Ackerson St.
River Edge, NJ 07661
TEL: 201.489.9499
FAX: 201.489.0808
www.letitgrow.com

Submittal

23-07 – Halletts Point 20-30

Subject: Horticultural Subsoil Testing

To: Dana Decuzzi
UAG
ddecuzzi@uag.nyc.com

Return To: Mason Lazor
Let It Grow, Inc.
Mobile: (410) 320-4888
mlazor@letitgrow.com

Copy To: David Garcia, Project File

Number: G-329100-4050
Spec Section: G-329100
Submittal Number: 4050
Date Sent: 11/28/2023
Type: Original
Submittal Method Sent: Email
Reason For Sending: For Approval
Status: Submitted

Details

Line No	Item	Description
001	Test Report	Horticultural Subsoil Testing - Soil Test Parameters - Nutrients Test - NYSDEC Test

Notes:

Please return submitted items by 12/06/2023.

CTL
CERTIFIED TESTING LABORATORIES, INC.

Client: The Dirt Company - Northeast
PO BOX 156
Jamesburg, New Jersey 08831

Date: 11/3/23

Lab No.: B-402-23

Project: Storm King Art Center, Phase 1

Report No.: AG-35

On Sample of: Soil Material

Sampled By: Client

Received: 10/27/23

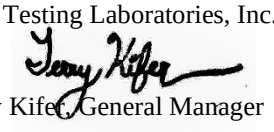
Marked: Horticultural Sub Soil

EXAMINED WITH THE FOLLOWING RESULTS:

Sieve Analysis	Results	Specification
1. Material Passing 1/2"	100	100
Material Retained on #10	18.7	10% max
2. Gradation for material passing #10		
#10	100	100
#18	86.5	85-95
#35	67.1	55-80
#60	37.8	30-60
#140	20.4	20-33
#270	16.5	12-17
.002mm	3.0	1-3
3. Ratio of the particle size for 80% passing (D_{80}) to the particle size for 30% passing (D_{30}) (D_{80}/D_{30})	4.4	$\leq$ 6.5
4. Saturated Hydraulic Conductivity when compacted to a minimum of 92% of ASTM D698	13.0 in/hr.	$\geq$ 2.5 in/hr.
5. Organic content	3.2	1.5-3.0
6. pH Value	7.2	6.0-6.5

7. Standard Proctor (ASTM D698) See attached curve

Respectfully Submitted,
Certified Testing Laboratories, Inc.



TK/Kd

Terry Kifer, General Manager

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155 US Route 130 • Bordentown, NJ 08505 • Phone (609) 298-3255 • Fax (609) 298-7288

WALLACE LABS
365 Coral Circle
El Segundo, CA 90245
(310) 615-0116

SOILS REPORT

Print Date Nov. 20, 2023

Location Organic Recycling

Requester Alberto Baruffi

graphic interpretation: * very low, ** low, *** moderate

* * * * high, * * * * * very high

ammonium bicarbonate/DTPA

extractable - mg/kg soil

Interpretation of data low	medium	high	Sample Description	Hort. Subsoil	
			elements		graphic
0 - 7	8-15	over 15	**phosphorus**	23.13	*****
0-60	60 -120	121-180	**potassium**	128.15	****
0 - 4	4 - 10	over 10	**iron**	16.70	*****
0- 0.5	0.6- 1	over 1	**manganese**	8.05	****
0 - 1	1 - 1.5	over 1.5	**zinc**	2.72	****
0- 0.2	0.3- 0.5	over 0.5	**copper**	0.91	****
0- 0.2	0.2- 0.5	over 1	**boron**	0.46	***
			calcium	474.50	****
			magnesium	116.90	****
			sodium	21.44	*
			sulfur	21.73	*
			molybdenum	0.04	***
			nickel	0.16	*
			aluminum	n d	*
			arsenic	n d	*
			barium	0.59	*
			cadmium	0.02	*
			chromium	n d	*
			cobalt	0.04	*
			lead	0.71	*
			lithium	0.22	*
			mercury	n d	*
			selenium	n d	*
			silver	n d	*
			strontium	1.20	*
			tin	n d	*
			vanadium	0.12	*

The following trace elements may be toxic The degree of toxicity depends upon the pH of the soil, soil texture, organic matter, and the concentrations of the individual elements as well as to their interactions.

The pH optimum depends upon soil organic matter and clay content- for clay and loam soils: under 5.2 is too acidic 6.5 to 7 is ideal over 8.0 is too alkaline

Saturation Extract

ECe (milli-mho/cm)	0.72	**

The ECe is a measure of the soil salinity:

PHOENIX
Environmental Laboratories, Inc.

Monday, June 06, 2022

Attn: Alberto Baruffi
ORI Supplies
121 Rt. 303
Orangeburg, NY 10962

Project ID: **COMPASS 6**
SDG ID: **GCL39915**
Sample ID#s: **CL39915 - CL39916**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 06, 2022

SDG I.D.: GCL39915

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

June 06, 2022

SDG I.D.: GCL39915

Project ID: COMPASS 6

Client Id	Lab Id	Matrix
PLANTING SOIL	CL39915	SOIL
HORT SOIL	CL39916	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 06, 2022

FOR: Attn: Alberto Baruffi
ORI Supplies
121 Rt. 303
Orangeburg, NY 10962

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/27/22	9:10
Location Code:	ORI	Received by:	SW	05/27/22	15:28
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCL39915
Phoenix ID: CL39916

Project ID: COMPASS 6
Client ID: HORT SOIL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Silver	< 0.35	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Arsenic	1.65	0.71	mg/Kg	1	06/01/22	EK	SW6010D	
Barium	31.3	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Beryllium	0.31	0.28	mg/Kg	1	06/01/22	EK	SW6010D	
Cadmium	0.58	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Chromium	10.8	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Copper	5.8	0.7	mg/kg	1	06/01/22	EK	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	06/02/22	IE	SW7471B	
Manganese	169	3.5	mg/Kg	10	06/02/22	CPP	SW6010D	
Nickel	6.14	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Lead	7.03	0.35	mg/Kg	1	06/01/22	EK	SW6010D	
Selenium	< 1.4	1.4	mg/Kg	1	06/01/22	EK	SW6010D	
Trivalent Chromium	10.8	0.35	mg/kg	1	06/01/22		CALC 6010-7196	
Zinc	15.1	0.7	mg/Kg	1	06/01/22	EK	SW6010D	
Percent Solid	92		%		05/27/22	K	SW846-%Solid	
Chromium, Hex. (SW3060 digestion)	< 0.41	0.41	mg/Kg	1	06/01/22	MCH	SW7196A	
pH at 25C - Soil	6.73	1.00	pH Units	1	05/27/22 23:09	MW	SW846 9045D	1
Redox Potential	-7.7		mV	1	05/27/22	MW	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	< 0.54	0.54	mg/Kg	1	05/31/22	M/C/B/G	SW9012B	
Soil Extraction for PCB	Completed				05/27/22	O/Y	SW3545A	
Soil Extraction for Pesticide	Completed				05/27/22	O/Y	SW3545A	
Field Extraction	Completed				05/27/22		SW5035A	1
Mercury Digestion	Completed				06/02/22	AB/AB	SW7471B	
Soil Extraction for Herbicide	Completed				05/31/22	M/DW	SW3546	
Soil Extraction for SVOA	Completed				05/27/22	I/L	SW3546	
Total Metals Digest	Completed				05/31/22	M/AG	SW3050B	

Ver 1

Project ID: COMPASS 6
Client ID: HORT SOIL

Phoenix I.D.: CL39916

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Chlorinated Herbicides							
2,4,5-T	ND	130	ug/Kg	10	06/01/22	JRB	SW8151A
2,4,5-TP (Silvex)	ND	130	ug/Kg	10	06/01/22	JRB	SW8151A
2,4-D	ND	270	ug/Kg	10	06/01/22	JRB	SW8151A
2,4-DB	ND	2700	ug/Kg	10	06/01/22	JRB	SW8151A
Dalapon	ND	130	ug/Kg	10	06/01/22	JRB	SW8151A
Dicamba	ND	130	ug/Kg	10	06/01/22	JRB	SW8151A
Dichloroprop	ND	270	ug/Kg	10	06/01/22	JRB	SW8151A
Dinoseb	ND	270	ug/Kg	10	06/01/22	JRB	SW8151A
QA/QC Surrogates							
% DCAA	84		%	10	06/01/22	JRB	30 - 150 %
% DCAA (Confirmation)	100		%	10	06/01/22	JRB	30 - 150 %
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1221	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1232	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1242	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1248	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1254	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1260	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1262	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
PCB-1268	ND	72	ug/Kg	2	05/31/22	SC	SW8082A
QA/QC Surrogates							
% DCBP	77		%	2	05/31/22	SC	30 - 150 %
% DCBP (Confirmation)	72		%	2	05/31/22	SC	30 - 150 %
% TCMX	73		%	2	05/31/22	SC	30 - 150 %
% TCMX (Confirmation)	74		%	2	05/31/22	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	06/01/22	AW	SW8081B
4,4' -DDE	ND	2.2	ug/Kg	2	06/01/22	AW	SW8081B
4,4' -DDT	ND	2.2	ug/Kg	2	06/01/22	AW	SW8081B
a-BHC	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
a-Chlordane	13	3.6	ug/Kg	2	06/01/22	AW	SW8081B
Aldrin	ND	3.6	ug/Kg	2	06/01/22	AW	SW8081B
b-BHC	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Chlordane	92	36	ug/Kg	2	06/01/22	AW	SW8081B
d-BHC	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	06/01/22	AW	SW8081B
Endosulfan I	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Endosulfan II	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Endosulfan sulfate	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Endrin	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Endrin aldehyde	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
Endrin ketone	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	06/01/22	AW	SW8081B
g-Chlordane	12	3.6	ug/Kg	2	06/01/22	AW	SW8081B
Heptachlor	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Heptachlor epoxide	ND	7.2	ug/Kg	2	06/01/22	AW	SW8081B	
Methoxychlor	ND	36	ug/Kg	2	06/01/22	AW	SW8081B	
Toxaphene	ND	140	ug/Kg	2	06/01/22	AW	SW8081B	
QA/QC Surrogates								
% DCBP	58		%	2	06/01/22	AW	30 - 150 %	
% DCBP (Confirmation)	46		%	2	06/01/22	AW	30 - 150 %	
% TCMX	64		%	2	06/01/22	AW	30 - 150 %	
% TCMX (Confirmation)	65		%	2	06/01/22	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1-Dichloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1-Dichloroethene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,1-Dichloropropene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
2-Chlorotoluene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
2-Hexanone	ND	24	ug/Kg	1	05/28/22	JLI	SW8260C	
2-Isopropyltoluene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	1
4-Chlorotoluene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	ug/Kg	1	05/28/22	JLI	SW8260C	
Acetone	ND	220	ug/Kg	50	05/29/22	JLI	SW8260C	
Acrylonitrile	ND	9.7	ug/Kg	1	05/28/22	JLI	SW8260C	
Benzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Bromobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Bromochloromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Bromodichloromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Bromoform	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Bromomethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Carbon Disulfide	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Carbon tetrachloride	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Chlorobenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Chloroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Chloroform	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	
Chloromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Dibromochloromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Dibromomethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Ethylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Hexachlorobutadiene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Isopropylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
m&p-Xylene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	ug/Kg	1	05/28/22	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	1	05/28/22	JLI	SW8260C
Methylene chloride	ND	9.7	ug/Kg	1	05/28/22	JLI	SW8260C
Naphthalene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
n-Butylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
n-Propylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
o-Xylene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
p-Isopropyltoluene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
sec-Butylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Styrene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
tert-Butylbenzene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Tetrachloroethene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	1	05/28/22	JLI	SW8260C
Toluene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Total Xylenes	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	1	05/28/22	JLI	SW8260C
Trichloroethene	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Trichlorofluoromethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
Vinyl chloride	ND	4.8	ug/Kg	1	05/28/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	1	05/28/22	JLI	70 - 130 %
% Bromofluorobenzene	102		%	1	05/28/22	JLI	70 - 130 %
% Dibromofluoromethane	103		%	1	05/28/22	JLI	70 - 130 %
% Toluene-d8	100		%	1	05/28/22	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	102		%	50	05/29/22	JLI	70 - 130 %
% Bromofluorobenzene (50x)	94		%	50	05/29/22	JLI	70 - 130 %
% Dibromofluoromethane (50x)	99		%	50	05/29/22	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	05/29/22	JLI	70 - 130 %
1,4-dioxane							
1,4-dioxane	ND	73	ug/kg	1	05/28/22	JLI	SW8260C
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
1,2-Dichlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
1,2-Diphenylhydrazine	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
1,3-Dichlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D

Project ID: COMPASS 6
Client ID: HORT SOIL

Phoenix I.D.: CL39916

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	1
2,4,5-Trichlorophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,4,6-Trichlorophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,4-Dichlorophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,4-Dimethylphenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,4-Dinitrophenol	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
2,4-Dinitrotoluene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2,6-Dinitrotoluene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2-Chloronaphthalene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2-Chlorophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2-Methylnaphthalene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
2-Nitroaniline	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
2-Nitrophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
3-Nitroaniline	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
4-Chloroaniline	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
4-Nitroaniline	ND	570	ug/Kg	1	05/28/22	WB	SW8270D	
4-Nitrophenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Acenaphthene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Acenaphthylene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Acetophenone	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Aniline	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
Anthracene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benz(a)anthracene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzidine	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzo(a)pyrene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzo(b)fluoranthene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzo(ghi)perylene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzo(k)fluoranthene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Benzoic acid	ND	710	ug/Kg	1	05/28/22	WB	SW8270D	
Benzyl butyl phthalate	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
Carbazole	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
Chrysene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Dibenzofuran	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Diethyl phthalate	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Dimethylphthalate	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	
Di-n-butylphthalate	ND	360	ug/Kg	1	05/28/22	WB	SW8270D	
Di-n-octylphthalate	ND	250	ug/Kg	1	05/28/22	WB	SW8270D	

Project ID: COMPASS 6
Client ID: HORT SOIL

Phoenix I.D.: CL39916

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluoranthene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Fluorene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Hexachlorobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Hexachlorobutadiene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Hexachloroethane	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Isophorone	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Naphthalene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Nitrobenzene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
N-Nitrosodimethylamine	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
N-Nitrosodiphenylamine	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
Pentachloronitrobenzene	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
Pentachlorophenol	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
Phenanthrene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Phenol	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Pyrene	ND	250	ug/Kg	1	05/28/22	WB	SW8270D
Pyridine	ND	360	ug/Kg	1	05/28/22	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	83		%	1	05/28/22	WB	30 - 130 %
% 2-Fluorobiphenyl	79		%	1	05/28/22	WB	30 - 130 %
% 2-Fluorophenol	73		%	1	05/28/22	WB	30 - 130 %
% Nitrobenzene-d5	69		%	1	05/28/22	WB	30 - 130 %
% Phenol-d5	76		%	1	05/28/22	WB	30 - 130 %
% Terphenyl-d14	87		%	1	05/28/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

Volatile Comment:
The sample was reanalyzed for volatiles due to acetone. The high level and low level results did not correlate well. The lower results from the high level analysis are reported.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Hexavalent Chromium:
This sample is in a reducing state.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
June 06, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 06, 2022

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 626965 (mg/kg), QC Sample No: CL39916 40X (CL39915, CL39916)														
Chromium, Hexavalent - Soil														
Chromium, Hexavalent	BRL	0.40	<0.41	<0.37	NC	107						85 - 115	30	
Chromium, Hexavalent (Ins)						90.9			88.8			85 - 115	30	
Chromium, Hexavalent (Sol)						93.0			<10			85 - 115	30	m
Comment:														
The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.														
QA/QC Batch 627170 (mg/kg), QC Sample No: CL39751 2X (CL39915, CL39916)														
Mercury - Soil	BRL	0.03	0.12	0.13	8.00	112	116	3.5	121	102	17.0	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 626874 (mg/kg), QC Sample No: CL40182 (CL39915, CL39916)														
ICP Metals - Soil														
Arsenic	BRL	0.67	1.37	1.52	NC	96.1	102	6.0	95.8			75 - 125	35	
Barium	BRL	0.33	23.2	22.9	1.30	94.0	100	6.2	98.9			75 - 125	35	
Beryllium	BRL	0.27	0.25	0.27	NC	96.7	95.3	1.5	95.4			75 - 125	35	
Cadmium	BRL	0.33	0.65	0.74	NC	95.8	98.5	2.8	101			75 - 125	35	
Chromium	BRL	0.33	10.6	14.2	29.0	97.9	105	7.0	102			75 - 125	35	
Copper	BRL	0.67	9.0	10.5	15.4	90.7	93.6	3.1	93.7			75 - 125	35	
Lead	BRL	0.33	3.8	4.19	9.80	96.5	104	7.5	101			75 - 125	35	
Manganese	BRL	0.33	247	232	6.30	95.0	98.0	3.1	96.8			75 - 125	35	
Nickel	BRL	0.40	59.3	60.6	2.20	97.1	102	4.9	98.6			75 - 125	35	
Selenium	BRL	1.3	<1.2	<1.4	NC	89.3	91.7	2.7	89.7			75 - 125	35	
Silver	BRL	0.33	<0.30	<0.35	NC	89.0	94.6	6.1	92.7			75 - 125	35	
Zinc	BRL	0.67	17.8	22.5	23.3	93.0	98.2	5.4	99.8			75 - 125	35	
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

June 06, 2022

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 626909 (mg/Kg), QC Sample No: CL40001 50X (CL39915)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.52	<0.52	NC	101			105			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 626784 (mg/Kg), QC Sample No: CL40164 50X (CL39916)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.54	<0.54	NC	92.3			95.5			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 626776 (PH), QC Sample No: CL35348 (CL39915, CL39916)													
pH at 25C - Soil			8.52	8.50	0.20	100						85 - 115	20

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NY # 11301

QA/QC Report

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QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 626876 (ug/Kg), QC Sample No: CL39916 10X (CL39915, CL39916)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	130	69	59	15.6	47	59	22.6	40 - 140	30
2,4,5-TP (Silvex)	ND	130	74	62	17.6	52	63	19.1	40 - 140	30
2,4-D	ND	250	72	61	16.5	50	62	21.4	40 - 140	30
2,4-DB	ND	2500	70	59	17.1	48	59	20.6	40 - 140	30
Dalapon	ND	130	62	54	13.8	36	51	34.5	40 - 140	30 r
Dicamba	ND	130	80	69	14.8	52	65	22.2	40 - 140	30
Dichloroprop	ND	130	93	75	21.4	65	78	18.2	40 - 140	30
Dinoseb	ND	130	76	69	9.7	60	67	11.0	40 - 140	30
% DCAA (Surrogate Rec)	97	%	92	79	15.2	69	82	17.2	30 - 150	30
% DCAA (Surrogate Rec) (Confirm	132	%	111	94	16.6	81	97	18.0	30 - 150	30
Comment:										
Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.										
QA/QC Batch 626712 (ug/Kg), QC Sample No: CL39994 2X (CL39915, CL39916)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	74	78	5.3	89	92	3.3	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	86	91	5.6	100	102	2.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	88	%	90	94	4.3	100	103	3.0	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	89	%	88	91	3.4	98	99	1.0	30 - 150	30
% TCMX (Surrogate Rec)	75	%	72	77	6.7	81	83	2.4	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	77	%	75	79	5.2	84	85	1.2	30 - 150	30
QA/QC Batch 626713 (ug/Kg), QC Sample No: CL39994 2X (CL39915, CL39916)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	73	87	17.5	83	78	6.2	40 - 140	30
4,4' -DDE	ND	1.7	66	80	19.2	79	75	5.2	40 - 140	30
4,4' -DDT	ND	1.7	63	81	25.0	82	74	10.3	40 - 140	30
a-BHC	ND	1.0	62	76	20.3	70	66	5.9	40 - 140	30
a-Chlordane	ND	3.3	63	78	21.3	79	75	5.2	40 - 140	30
Aldrin	ND	1.0	65	76	15.6	68	66	3.0	40 - 140	30
b-BHC	ND	1.0	80	80	0.0	75	78	3.9	40 - 140	30
Chlordane	ND	33	65	75	14.3	76	73	4.0	40 - 140	30
d-BHC	ND	3.3	77	61	23.2	60	59	1.7	40 - 140	30
Dieldrin	ND	1.0	67	79	16.4	78	74	5.3	40 - 140	30
Endosulfan I	ND	3.3	63	74	16.1	75	72	4.1	40 - 140	30

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endosulfan II	ND	3.3	71	77	8.1	77	72	6.7	40 - 140	30	
Endosulfan sulfate	ND	3.3	66	73	10.1	68	64	6.1	40 - 140	30	
Endrin	ND	3.3	67	74	9.9	81	76	6.4	40 - 140	30	
Endrin aldehyde	ND	3.3	62	69	10.7	64	59	8.1	40 - 140	30	
Endrin ketone	ND	3.3	70	77	9.5	72	67	7.2	40 - 140	30	
g-BHC	ND	1.0	75	79	5.2	67	67	0.0	40 - 140	30	
g-Chlordane	ND	3.3	65	75	14.3	76	73	4.0	40 - 140	30	
Heptachlor	ND	3.3	62	76	20.3	69	67	2.9	40 - 140	30	
Heptachlor epoxide	ND	3.3	67	74	9.9	70	68	2.9	40 - 140	30	
Methoxychlor	ND	3.3	65	80	20.7	77	71	8.1	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	75	%	76	68	11.1	65	63	3.1	30 - 150	30	
% DCBP (Confirmation)	58	%	59	65	9.7	65	61	6.3	30 - 150	30	
% TCMX	69	%	71	76	6.8	67	63	6.2	30 - 150	30	
% TCMX (Confirmation)	68	%	69	66	4.4	60	57	5.1	30 - 150	30	
QA/QC Batch 626732 (ug/kg), QC Sample No: CL39995 (CL39915, CL39916)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	77	87	12.2	78	82	5.0	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	73	84	14.0	75	73	2.7	40 - 140	30	
1,2-Dichlorobenzene	ND	180	57	64	11.6	54	50	7.7	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	79	87	9.6	74	82	10.3	40 - 140	30	
1,3-Dichlorobenzene	ND	230	54	59	8.8	51	47	8.2	40 - 140	30	
1,4-Dichlorobenzene	ND	230	55	61	10.3	52	48	8.0	40 - 140	30	
2,2'-Oxybis(1-Chloropropane)	ND	230	44	50	12.8	41	40	2.5	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	90	97	7.5	90	98	8.5	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	85	99	15.2	92	96	4.3	30 - 130	30	
2,4-Dichlorophenol	ND	130	89	101	12.6	90	96	6.5	30 - 130	30	
2,4-Dimethylphenol	ND	230	84	95	12.3	84	89	5.8	30 - 130	30	
2,4-Dinitrophenol	ND	230	84	93	10.2	68	49	32.5	30 - 130	30	r
2,4-Dinitrotoluene	ND	130	86	93	7.8	83	94	12.4	30 - 130	30	
2,6-Dinitrotoluene	ND	130	83	90	8.1	80	87	8.4	40 - 140	30	
2-Chloronaphthalene	ND	230	85	95	11.1	85	87	2.3	40 - 140	30	
2-Chlorophenol	ND	230	67	77	13.9	65	63	3.1	30 - 130	30	
2-Methylnaphthalene	ND	230	110	127	14.3	115	120	4.3	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	73	80	9.2	70	73	4.2	40 - 140	30	
2-Nitroaniline	ND	330	123	133	7.8	92	112	19.6	40 - 140	30	
2-Nitrophenol	ND	230	74	86	15.0	74	76	2.7	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	70	78	10.8	66	70	5.9	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	84	83	1.2	26	43	49.3	40 - 140	30	m,r
3-Nitroaniline	ND	330	86	96	11.0	23	32	32.7	40 - 140	30	m,r
4,6-Dinitro-2-methylphenol	ND	230	95	105	10.0	71	56	23.6	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	87	95	8.8	85	89	4.6	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	90	101	11.5	91	100	9.4	30 - 130	30	
4-Chloroaniline	ND	230	67	81	18.9	<10	19	NC	40 - 140	30	m
4-Chlorophenyl phenyl ether	ND	230	83	92	10.3	79	87	9.6	40 - 140	30	
4-Nitroaniline	ND	230	81	87	7.1	76	86	12.3	40 - 140	30	
4-Nitrophenol	ND	230	101	112	10.3	87	102	15.9	30 - 130	30	
Acenaphthene	ND	230	81	91	11.6	78	87	10.9	30 - 130	30	
Acenaphthylene	ND	130	70	78	10.8	68	74	8.5	40 - 140	30	
Acetophenone	ND	230	59	69	15.6	58	58	0.0	40 - 140	30	
Aniline	ND	330	39	45	14.3	47	53	12.0	40 - 140	30	l
Anthracene	ND	230	84	91	8.0	82	87	5.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benz(a)anthracene	ND	230	75	79	5.2	75	83	10.1	40 - 140	30	
Benzidine	ND	330	<10	<10	NC	<10	<10	NC	40 - 140	30	l,m
Benzo(a)pyrene	ND	130	79	83	4.9	74	82	10.3	40 - 140	30	
Benzo(b)fluoranthene	ND	160	79	91	14.1	86	94	8.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	92	98	6.3	83	93	11.4	40 - 140	30	
Benzo(k)fluoranthene	ND	230	81	79	2.5	75	79	5.2	40 - 140	30	
Benzoic Acid	ND	670	113	142	22.7	73	72	1.4	30 - 130	30	l
Benzyl butyl phthalate	ND	230	77	79	2.6	77	85	9.9	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	77	91	16.7	79	80	1.3	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	74	82	10.3	71	68	4.3	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	80	81	1.2	80	88	9.5	40 - 140	30	
Carbazole	ND	230	83	87	4.7	78	84	7.4	40 - 140	30	
Chrysene	ND	230	83	87	4.7	84	91	8.0	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	91	97	6.4	85	96	12.2	40 - 140	30	
Dibenzofuran	ND	230	80	89	10.7	78	84	7.4	40 - 140	30	
Diethyl phthalate	ND	230	88	96	8.7	83	93	11.4	40 - 140	30	
Dimethylphthalate	ND	230	86	94	8.9	82	90	9.3	40 - 140	30	
Di-n-butylphthalate	ND	670	86	89	3.4	82	89	8.2	40 - 140	30	
Di-n-octylphthalate	ND	230	78	78	0.0	77	86	11.0	40 - 140	30	
Fluoranthene	ND	230	85	89	4.6	84	90	6.9	40 - 140	30	
Fluorene	ND	230	85	93	9.0	82	89	8.2	40 - 140	30	
Hexachlorobenzene	ND	130	83	89	7.0	80	87	8.4	40 - 140	30	
Hexachlorobutadiene	ND	230	70	82	15.8	74	72	2.7	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	69	81	16.0	80	74	7.8	40 - 140	30	
Hexachloroethane	ND	130	52	56	7.4	47	47	0.0	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	96	101	5.1	89	98	9.6	40 - 140	30	
Isophorone	ND	130	69	79	13.5	71	74	4.1	40 - 140	30	
Naphthalene	ND	230	71	82	14.4	72	71	1.4	40 - 140	30	
Nitrobenzene	ND	130	63	71	11.9	60	61	1.7	40 - 140	30	
N-Nitrosodimethylamine	ND	230	57	62	8.4	52	46	12.2	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	66	76	14.1	63	65	3.1	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	88	95	7.7	75	82	8.9	40 - 140	30	
Pentachloronitrobenzene	ND	230	83	89	7.0	80	91	12.9	40 - 140	30	
Pentachlorophenol	ND	230	115	119	3.4	109	113	3.6	30 - 130	30	
Phenanthrene	ND	130	82	87	5.9	84	90	6.9	40 - 140	30	
Phenol	ND	230	68	75	9.8	65	67	3.0	30 - 130	30	
Pyrene	ND	230	86	91	5.6	83	90	8.1	30 - 130	30	
Pyridine	ND	230	13	<10	NC	29	42	36.6	40 - 140	30	l,m,r
% 2,4,6-Tribromophenol	74	%	73	80	9.2	79	83	4.9	30 - 130	30	
% 2-Fluorobiphenyl	71	%	72	80	10.5	72	75	4.1	30 - 130	30	
% 2-Fluorophenol	76	%	65	74	12.9	62	56	10.2	30 - 130	30	
% Nitrobenzene-d5	63	%	57	64	11.6	55	55	0.0	30 - 130	30	
% Phenol-d5	73	%	69	78	12.2	66	67	1.5	30 - 130	30	
% Terphenyl-d14	67	%	72	75	4.1	69	76	9.7	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 626866 (ug/kg), QC Sample No: CL39756 (CL39915)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	110	110	0.0	104	106	1.9	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	107	104	2.8	99	102	3.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	95	93	2.1	90	89	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,2-Trichloroethane	ND	5.0	104	103	1.0	100	102	2.0	70 - 130	30
1,1-Dichloroethane	ND	5.0	104	102	1.9	98	99	1.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	98	4.0	93	92	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	112	107	4.6	102	104	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	108	107	0.9	95	101	6.1	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	96	95	1.0	92	93	1.1	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	112	106	5.5	87	97	10.9	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	103	3.8	95	99	4.1	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	107	103	3.8	101	102	1.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	107	105	1.9	102	102	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	102	99	3.0	91	95	4.3	70 - 130	30
1,2-Dichloroethane	ND	5.0	97	97	0.0	90	91	1.1	70 - 130	30
1,2-Dichloropropane	ND	5.0	103	101	2.0	98	100	2.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	109	104	4.7	96	101	5.1	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	106	101	4.8	90	96	6.5	70 - 130	30
1,3-Dichloropropane	ND	5.0	104	103	1.0	99	100	1.0	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	103	99	4.0	87	93	6.7	70 - 130	30
1,4-dioxane	ND	100	107	110	2.8	90	92	2.2	70 - 130	30
2,2-Dichloropropane	ND	5.0	116	112	3.5	104	105	1.0	70 - 130	30
2-Chlorotoluene	ND	5.0	107	104	2.8	98	102	4.0	70 - 130	30
2-Hexanone	ND	25	94	92	2.2	91	90	1.1	70 - 130	30
2-Isopropyltoluene	ND	5.0	107	103	3.8	98	102	4.0	70 - 130	30
4-Chlorotoluene	ND	5.0	108	103	4.7	94	99	5.2	70 - 130	30
4-Methyl-2-pentanone	ND	25	97	96	1.0	93	93	0.0	70 - 130	30
Acrylonitrile	ND	5.0	93	93	0.0	90	88	2.2	70 - 130	30
Benzene	ND	1.0	108	106	1.9	102	104	1.9	70 - 130	30
Bromobenzene	ND	5.0	106	104	1.9	100	103	3.0	70 - 130	30
Bromochloromethane	ND	5.0	109	109	0.0	104	106	1.9	70 - 130	30
Bromodichloromethane	ND	5.0	107	106	0.9	99	101	2.0	70 - 130	30
Bromoform	ND	5.0	113	112	0.9	105	106	0.9	70 - 130	30
Bromomethane	ND	5.0	98	95	3.1	93	94	1.1	70 - 130	30
Carbon Disulfide	ND	5.0	101	96	5.1	88	90	2.2	70 - 130	30
Carbon tetrachloride	ND	5.0	110	107	2.8	101	103	2.0	70 - 130	30
Chlorobenzene	ND	5.0	105	102	2.9	96	100	4.1	70 - 130	30
Chloroethane	ND	5.0	97	94	3.1	84	86	2.4	70 - 130	30
Chloroform	ND	5.0	103	101	2.0	96	98	2.1	70 - 130	30
Chloromethane	ND	5.0	94	91	3.2	84	89	5.8	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	109	112	2.7	103	108	4.7	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	113	112	0.9	103	107	3.8	70 - 130	30
Dibromochloromethane	ND	3.0	110	110	0.0	103	103	0.0	70 - 130	30
Dibromomethane	ND	5.0	103	103	0.0	99	101	2.0	70 - 130	30
Dichlorodifluoromethane	ND	5.0	90	87	3.4	85	86	1.2	70 - 130	30
Ethylbenzene	ND	1.0	109	106	2.8	100	104	3.9	70 - 130	30
Hexachlorobutadiene	ND	5.0	110	104	5.6	97	103	6.0	70 - 130	30
Isopropylbenzene	ND	1.0	111	107	3.7	104	107	2.8	70 - 130	30
m&p-Xylene	ND	2.0	109	105	3.7	99	103	4.0	70 - 130	30
Methyl ethyl ketone	ND	5.0	85	82	3.6	78	80	2.5	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	93	1.1	88	88	0.0	70 - 130	30
Methylene chloride	ND	5.0	79	77	2.6	71	73	2.8	70 - 130	30
Naphthalene	ND	5.0	113	112	0.9	112	114	1.8	70 - 130	30
n-Butylbenzene	ND	1.0	109	103	5.7	89	96	7.6	70 - 130	30
n-Propylbenzene	ND	1.0	108	103	4.7	97	101	4.0	70 - 130	30
o-Xylene	ND	2.0	110	107	2.8	102	106	3.8	70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
p-Isopropyltoluene	ND	1.0	111	107	3.7	97	103	6.0	70 - 130	30	
sec-Butylbenzene	ND	1.0	109	104	4.7	99	103	4.0	70 - 130	30	
Styrene	ND	5.0	113	111	1.8	103	108	4.7	70 - 130	30	
tert-Butylbenzene	ND	1.0	110	106	3.7	103	107	3.8	70 - 130	30	
Tetrachloroethene	ND	5.0	110	107	2.8	100	107	6.8	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	89	88	1.1	85	84	1.2	70 - 130	30	
Toluene	ND	1.0	107	105	1.9	100	105	4.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	101	98	3.0	93	93	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	112	112	0.0	102	106	3.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	111	107	3.7	99	98	1.0	70 - 130	30	
Trichloroethene	ND	5.0	110	108	1.8	104	107	2.8	70 - 130	30	
Trichlorofluoromethane	ND	5.0	97	93	4.2	86	85	1.2	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	96	92	4.3	88	88	0.0	70 - 130	30	
Vinyl chloride	ND	5.0	101	97	4.0	93	94	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	%	100	99	1.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	95	%	99	99	0.0	98	99	1.0	70 - 130	30	
% Dibromofluoromethane	106	%	103	104	1.0	106	103	2.9	70 - 130	30	
% Toluene-d8	99	%	98	99	1.0	99	101	2.0	70 - 130	30	

Comment:

A blank MS/MSD was analyzed with this Low Level batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 626866H (ug/kg), QC Sample No: CL39756 50X (CL39916 (50X))

Volatiles - Soil (High Level)

Acetone	ND	500	64	62	3.2	59	65	9.7	70 - 130	30	l,m
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0	100	100	0.0	70 - 130	30	
% Bromofluorobenzene	94	%	99	99	0.0	98	99	1.0	70 - 130	30	
% Dibromofluoromethane	99	%	99	98	1.0	99	99	0.0	70 - 130	30	
% Toluene-d8	99	%	99	98	1.0	99	100	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 626835 (ug/kg), QC Sample No: CL40059 (CL39916)

Volatiles - Soil (Low Level)

1,1,1,2-Tetrachloroethane	ND	5.0	112	109	2.7	98	102	4.0	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	109	105	3.7	106	107	0.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	103	104	1.0	78	68	13.7	70 - 130	30	m
1,1,2-Trichloroethane	ND	5.0	105	105	0.0	98	100	2.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	113	110	2.7	113	114	0.9	70 - 130	30	
1,1-Dichloroethene	ND	5.0	101	96	5.1	97	96	1.0	70 - 130	30	
1,1-Dichloropropene	ND	5.0	112	108	3.6	109	112	2.7	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	107	103	3.8	68	70	2.9	70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	98	99	1.0	89	92	3.3	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	104	100	3.9	67	70	4.4	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	106	104	1.9	89	91	2.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	110	110	0.0	87	93	6.7	70 - 130	30	
1,2-Dibromoethane	ND	5.0	106	104	1.9	94	96	2.1	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	103	101	2.0	82	85	3.6	70 - 130	30	
1,2-Dichloroethane	ND	5.0	100	100	0.0	94	96	2.1	70 - 130	30	
1,2-Dichloropropane	ND	5.0	115	112	2.6	112	115	2.6	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	108	105	2.8	93	95	2.1	70 - 130	30	

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	5.0	101	98	3.0	82	84	2.4	70 - 130	30	
1,3-Dichloropropane	ND	5.0	108	105	2.8	99	101	2.0	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	103	100	3.0	82	84	2.4	70 - 130	30	
1,4-dioxane	ND	100	118	108	8.8	109	114	4.5	70 - 130	30	
2,2-Dichloropropane	ND	5.0	115	111	3.5	106	108	1.9	70 - 130	30	
2-Chlorotoluene	ND	5.0	107	105	1.9	94	96	2.1	70 - 130	30	
2-Hexanone	ND	25	103	105	1.9	68	74	8.5	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	109	105	3.7	91	94	3.2	70 - 130	30	
4-Chlorotoluene	ND	5.0	106	103	2.9	90	91	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	25	109	111	1.8	91	98	7.4	70 - 130	30	
Acrylonitrile	ND	5.0	111	113	1.8	104	106	1.9	70 - 130	30	
Benzene	ND	1.0	111	108	2.7	106	109	2.8	70 - 130	30	
Bromobenzene	ND	5.0	105	105	0.0	91	93	2.2	70 - 130	30	
Bromochloromethane	ND	5.0	104	101	2.9	99	100	1.0	70 - 130	30	
Bromodichloromethane	ND	5.0	109	107	1.9	100	104	3.9	70 - 130	30	
Bromoform	ND	5.0	104	103	1.0	84	90	6.9	70 - 130	30	
Bromomethane	ND	5.0	91	87	4.5	101	104	2.9	70 - 130	30	
Carbon Disulfide	ND	5.0	92	88	4.4	86	85	1.2	70 - 130	30	
Carbon tetrachloride	ND	5.0	114	111	2.7	107	109	1.9	70 - 130	30	
Chlorobenzene	ND	5.0	103	101	2.0	93	95	2.1	70 - 130	30	
Chloroethane	ND	5.0	101	90	11.5	100	102	2.0	70 - 130	30	
Chloroform	ND	5.0	105	102	2.9	102	103	1.0	70 - 130	30	
Chloromethane	ND	5.0	111	107	3.7	126	130	3.1	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	114	111	2.7	112	113	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	116	113	2.6	102	106	3.8	70 - 130	30	
Dibromochloromethane	ND	3.0	107	106	0.9	92	96	4.3	70 - 130	30	
Dibromomethane	ND	5.0	108	106	1.9	99	102	3.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	87	82	5.9	122	125	2.4	70 - 130	30	
Ethylbenzene	ND	1.0	107	104	2.8	98	100	2.0	70 - 130	30	
Hexachlorobutadiene	ND	5.0	107	103	3.8	69	69	0.0	70 - 130	30	m
Isopropylbenzene	ND	1.0	109	106	2.8	98	100	2.0	70 - 130	30	
m&p-Xylene	ND	2.0	105	101	3.9	93	95	2.1	70 - 130	30	
Methyl ethyl ketone	ND	5.0	102	103	1.0	97	99	2.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	95	93	2.1	86	93	7.8	70 - 130	30	
Methylene chloride	ND	5.0	87	84	3.5	80	79	1.3	70 - 130	30	
Naphthalene	ND	5.0	109	107	1.9	71	74	4.1	70 - 130	30	
n-Butylbenzene	ND	1.0	114	111	2.7	90	91	1.1	70 - 130	30	
n-Propylbenzene	ND	1.0	107	106	0.9	95	97	2.1	70 - 130	30	
o-Xylene	ND	2.0	106	103	2.9	96	98	2.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	110	107	2.8	86	88	2.3	70 - 130	30	
sec-Butylbenzene	ND	1.0	109	107	1.9	93	94	1.1	70 - 130	30	
Styrene	ND	5.0	105	103	1.9	91	94	3.2	70 - 130	30	
tert-Butylbenzene	ND	1.0	109	106	2.8	95	97	2.1	70 - 130	30	
Tetrachloroethene	ND	5.0	104	100	3.9	98	100	2.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	106	106	0.0	100	103	3.0	70 - 130	30	
Toluene	ND	1.0	109	106	2.8	103	106	2.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	102	96	6.1	94	93	1.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	115	113	1.8	96	101	5.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	120	120	0.0	90	94	4.3	70 - 130	30	
Trichloroethene	ND	5.0	106	102	3.8	112	123	9.4	70 - 130	30	
Trichlorofluoromethane	ND	5.0	102	98	4.0	107	106	0.9	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	93	89	4.4	93	91	2.2	70 - 130	30	
Vinyl chloride	ND	5.0	101	97	4.0	107	109	1.9	70 - 130	30	

QA/QC Data

SDG I.D.: GCL39915

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	94	%		101	101	0.0	100	101	1.0	70 - 130	30
% Bromofluorobenzene	102	%		102	102	0.0	101	102	1.0	70 - 130	30
% Dibromofluoromethane	98	%		97	96	1.0	98	96	2.1	70 - 130	30
% Toluene-d8	98	%		103	103	0.0	104	105	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 626835H (ug/kg), QC Sample No: CL40059 50X (CL39915 (50X))

Volatiles - Soil (High Level)

Acetone	ND	500		73	77	5.3	86	79	8.5	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%		101	102	1.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	103	%		102	103	1.0	102	103	1.0	70 - 130	30
% Dibromofluoromethane	96	%		98	97	1.0	94	97	3.1	70 - 130	30
% Toluene-d8	98	%		104	104	0.0	105	105	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
June 06, 2022

Monday, June 06, 2022

Criteria: NY: 375, 375RS

State: NY

Sample Criteria Exceedances Report

GCL39915 - ORI

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL39915	$8260SMRNY	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg
CL39915	$PESTSM_NY	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	7.0	2.4	3.3	3.3	ug/Kg
CL39916	$8260SMRNY	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	220	50	50	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Comments

June 06, 2022 SDG I.D.: GCL39915

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PEST Narration

AU-ECD4 05/31/22-1: CL39915

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CL39915
Preceding CC 531A037 - % DCBP 27%L (20%)
Succeeding CC 531A051 - % DCBP 30%L (20%)

AU-ECD7 05/31/22-1: CL39916

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CL39916
Preceding CC 531B037 - Methoxychlor 22%L (20%)
Succeeding CC 531B051 - None.
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

SVOA Narration

CHEM36 05/27/22-1: CL39915, CL39916

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.092 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: 3,3'-Dichlorobenzidine 43%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 3,3'-Dichlorobenzidine 43%L (40%)
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.098 (0.1), Hexachlorobenzene 0.097 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM03 05/29/22-1: CL39915, CL39916

The following Initial Calibration compounds did not meet RSD% criteria: Chloroethane 23% (20%), Methylene chloride 40% (20%), Naphthalene 21% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Tetrachloroethene 0.174 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM14 05/27/22-2: CL39915, CL39916

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 06, 2022 SDG I.D.: GCL39915

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 21% (20%), Acetone 30% (20%), Methylene chloride 21% (20%), trans-1,4-dichloro-2-butene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.073 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 06, 2022

SDG I.D.: GCL39915

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 2.0 °C Pg of

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☑ Email:

Customer: Organic Recycling Inc.
Address: 121 Rt. 303, Bldg-1
Orangeburg NY. 10962

Project: Compass 6
Report to: Alberto@organicrecycling.com
Invoice to: Organic Recycling
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-26-22

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Full NYSDEC 375	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [✓] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
39915	Planting Soil	S	5-27	9:00AM	✓		1	1		2							
39916	Hort Subsoil	S	5-27	9:10AM	✓		1	1		2							

Relinquished by:	Accepted by:	Date:	Time:
Alberto Barcaffi	[signature]	5/27/22	11:45A
[signature]	[signature]	5/27/22	1528

Comments, Special Requirements or Regulations:

Data Format:
☑ Phoenix Std Report ☐ EQuIS
☑ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☑ 375SCO Unrestricted Soil
☑ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Unrestricted

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? >1000

If greater than 1000 cubic yards will be imported, enter volume to be imported: 1500

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Roux Environmental Engineering and Geology, D.P.C. (Roux) is requesting the import of 1,500 CY of soil from Organic Recycling Inc. (ORI) located at 121 NY-303, Tappan, NY 10983 to the Halletts Point Buildings 20 and 30 Site (C241192). Soil will be used as horticultural subsoil in the Track 4 area of the Site. A total of 3 composite samples were analyzed for SVOCs, pesticides, PCBs, metals, and emerging contaminants and 9 grab samples were analyzed for VOCs. All analytical data meets Unrestricted Use SCOs.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

The material was sampled in accordance to DER-10 Table 5.4(e)10 and the soil met the Unrestricted Use SCOs for all analyses. The results table is attached. Samples for the horticultural subsoil are SS-1 to SS-12.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Let it Grow, Inc. on behalf of Organic Recycling Inc.

Location where fill was obtained:

Organic Recycling Inc., 121 NY-303, Tappan, NY 10983

Identification of any state or local approvals as a fill source:

ORI Rockland County - NYSDEC Registration Permit (see attachments)

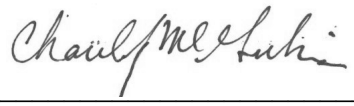
If no approvals are available, provide a brief history of the use of the property that is the fill source:

New York State Department of Environmental Conservation Permit is included in the attachment referenced below.

Provide a list of supporting documentation included with this request:

ORI Horticulture Soil-Specs, sieve analysis report, NYDEC Permit, Soil Samples Summary Table, Laboratory Data

The information provided on this form is accurate and complete.



Signature

3/28/2024

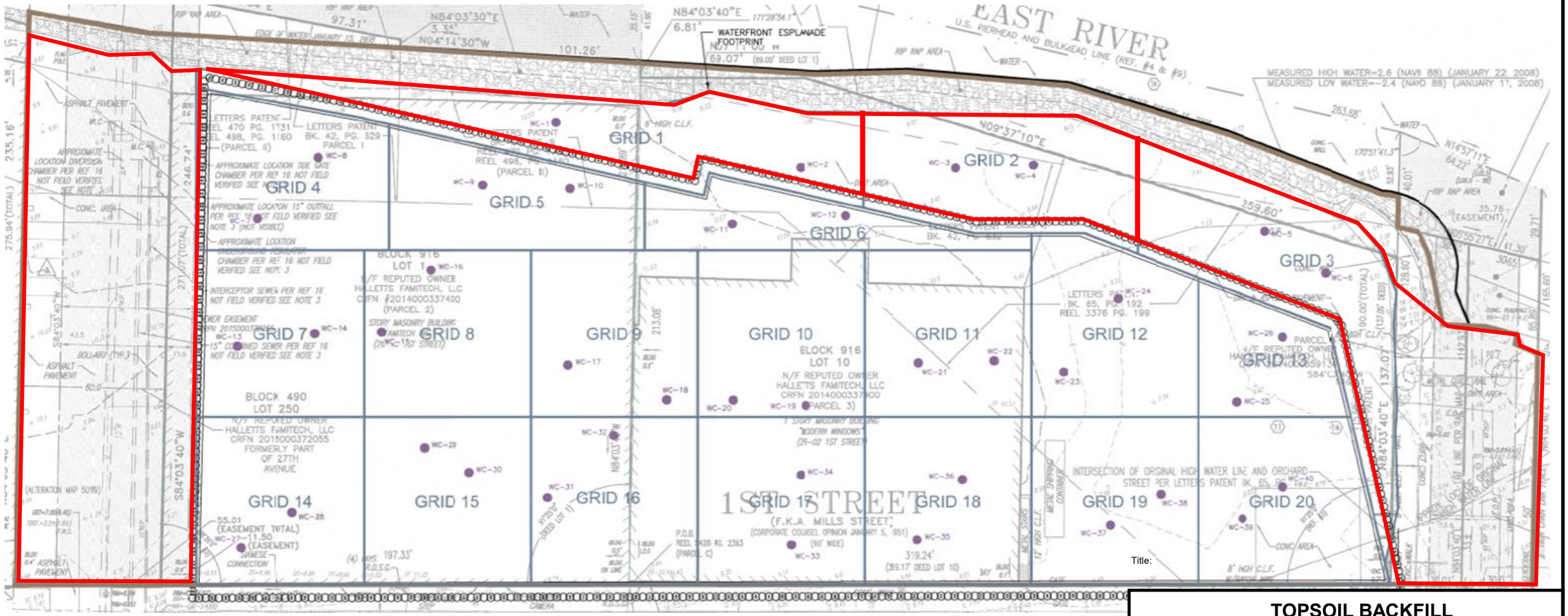
Date

Charles McGuckin, P.E.

Print Name

Roux Environmental Engineering and Geology, D.P.C.

Firm



Legend

Location for imported topsoil

TOPSOIL BACKFILL LOCATIONS

26-40 1st Street, Astoria, New York

Prepared for:

Halletts Building 2 SPE LLC and Halletts Building 3 SPE LLC

ROUX

Compiled by: R.M.	Date: 4/19/2024	FIGURE
Prepared by: E.L.	Scale: NOT SHOWN	1
Project Mgr: R.M.	Project: 1338.0010Y008	
File: workingfile.ppt		

Mr. Mason Lazor

April 18, 2024

Let it Grow, Inc.

52 Ackerson Street

River Edge, NJ 07661

To Whom it May Concern,

In response to the request for a letter of clarification regarding the Sandy Loam Topsoil material that is proposed for transport to your Hallets Point project, please allow me to offer the following.

The sand component used in the blend is 100% virgin sand that has been dredged from the aquifer that supplies Long Island with it's drinking water. It comes from a NYSDEC approved mine located at 151 South Street, Manorville, NY., Sparrow Mining of Suffolk, LLC (d.b.a. Ranco Sand and Stone), operating under Permit #1-4722-00218/00001. The topsoil component used in the blend comes from our selected topsoil supplier located at 650 Moriches-Middle Island Road, Moriches, NY 11955. Prior to shipment to my blending facility, the topsoil component was subjected to Part 375 NYSDEC testing, meeting unrestricted residential standards, in order to be transported to the facility for use. Lastly, the compost used in the blend is leaf compost the originates at the MacArthur Composting Facility, 110 Railroad Ave., Ronkonkoma, NY 11779. This facility is licensed with the NYSDEC to produce compost and is a member of the U.S. Composting Council, operating under strict guidelines of both.

Any stockpiles that are sampled will remain segregated from other soils and will be properly maintained at the blending facility.

The aforementioned materials proposed for import to the project site do not contain any C&D debris, do not exhibit any observable indicators of contamination (i.e., petroleum staining and odors) and have not been in contact with a spill of petroleum, hazardous waste or industrial waste.

I make engineered soils for a variety of projects at the above mentioned Ranco Sand and Stone facility that are shipped into the New York Metropolitan area on a daily basis, and subjected to the highest levels of scrutiny. The standards for environmental safety that are maintained at the facility are of the highest level. We recently completed a project at the American Museum of Natural History that required environmental testing for each 250 cubic yard stockpile of blends made from these component sources, that met residential standards for the entire 5,000 cubic yards.

I hope this letter will provide you with the information you need. If you need anything additional, please give me a call.

Respectfully,

Alan Marolf

Founder/President

Client: Let It Grow Inc
Project: Analysis
ProjectNumber: 151 South St, Manorville, NY
Matrix: Soil
Collect Dates: 3/28/2024 Thru 3/28/2024

Lab Number			4032817-01		4032817-02		4032817-03		4032817-04		4032817-05		4032817-06		4032817-07		4032817-08	
Sampled Name			Stockpile A - Comp		Stockpile B - Comp		Stockpile - 1A Grab		Stockpile - 2A Grab		Stockpile - 3A Grab (MS/MSD)		Stockpile - 1B Grab		Stockpile - 2B Grab		Stockpile - 3B Grab	
Sampled Date			3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024	
Parameter	Part 375 Protection of Groundwater	Part 375 Restricted-Residential	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
EPA 1633 (Draft) ( )																		
11-CESF-3-oxaundecane-1-sulfon	NA	NA	<1.236		<1.270													
2,3,3,3-Tetrafluoro-2-propanoic ac	NA	NA	<1.236		<1.270													
3:3 FTCA	NA	NA	<1.236		<1.270	4.G												
4:2 FTS	NA	NA	<1.236		<1.270													
5:3 FTCA	NA	NA	<6.182		<6.348													
6:2 FTS	NA	NA	<1.236		<1.270													
7:3 FTCA	NA	NA	<6.182		<6.348													
8:2 FTS	NA	NA	<1.236		<1.270													
9-CHDF-3-oxanonane-1-sulfonate	NA	NA	<1.236		<1.270													
Dodecafluoro-3H-4,8-dioxanonao	NA	NA	<1.236		<1.270													
N-EtFOSA	NA	NA	<6.182	4.N	<6.348	4.N												
N-EtFOSAA	NA	NA	<1.236		<1.270	4.G												
N-EtFOSE	NA	NA	<12.36		<12.70													
N-MeFOSA	NA	NA	<1.236		<1.270	4.T												
N-MeFOSAA	NA	NA	<1.236		<1.270													
N-MeFOSE	NA	NA	<6.182		<6.348													
Perfluoro(2-ethoxyethane)sulfonic	NA	NA	<1.236		<1.270													
Perfluoro-1-decanesulfonate (PFD	NA	NA	<1.236		<1.270													
Perfluoro-1-dodecanesulfonate (P	NA	NA	<1.236		<1.270													
Perfluoro-1-nonanesulfonate (PFN	NA	NA	<1.236		<1.270													
Perfluoro-3-6,dioxaheptanoic acid	NA	NA	<6.182		<6.348	4.G												
Perfluoro-4-oxapentanoic acid (PF	NA	NA	<6.182		<6.348													
Perfluoro-5-oxahexanoic acid (PFH	NA	NA	<6.182		<6.348													
Perfluorobutanesulfonic Acid (PFB	NA	NA	<1.236		<1.270													
Perfluorobutanoic Acid (PFBA)	NA	NA	<1.236		<1.270													
Perfluorodecanoic Acid (PFDA)	NA	NA	<1.236		<1.270													
Perfluorododecanoic Acid (PFDoA	NA	NA	<1.236		<1.270													
Perfluoroheptanesulfonic Acid (PF	NA	NA	<1.236		<1.270													
Perfluoroheptanoic Acid (PFHpA)	NA	NA	<1.236		<1.270													
Perfluorohexanesulfonic Acid (PFH	NA	NA	<1.236		<1.270													
Perfluorohexanoic Acid (PFHxA)	NA	NA	<1.236		<1.270													
Perfluorononanoic Acid (PFNA)	NA	NA	<1.236		<1.270													
Perfluorooctanesulfonamide (FOS	NA	NA	<1.236		<1.270													
Perfluorooctanesulfonic Acid (PFO	3700	44000	<1.236		<1.270													
Perfluorooctanoic Acid (PFOA)	1100	33000	<1.236		<1.270													
Perfluoropentanesulfonic Acid (PF	NA	NA	<1.236		<1.270													
Perfluoropentanoic Acid (PFPeA)	NA	NA	<1.236		<1.270													
Perfluorotetradecanoic Acid (PFTe	NA	NA	<1.236		<1.270													
Perfluorotridecanoic Acid (PFTriA)	NA	NA	<1.236		<1.270													
Perfluoroundecanoic Acid (PFUnA	NA	NA	<1.236		<1.270	4.T												

Client: Let It Grow Inc
Project: Analysis
ProjectNumber: 151 South St, Manorville, NY
Matrix: Soil
Collect Dates: 3/28/2024 Thru 3/28/2024

Lab Number			4032817-01		4032817-02		4032817-03		4032817-04		4032817-05		4032817-06		4032817-07		4032817-08	
Sampled Name			Stockpile A - Comp		Stockpile B - Comp		Stockpile - 1A Grab		Stockpile - 2A Grab		Stockpile - 3A Grab (MS/MSD)		Stockpile - 1B Grab		Stockpile - 2B Grab		Stockpile - 3B Grab	
Sampled Date			3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024	
Parameter	Part 375 Protection of Groundwater	Part 375 Restricted-Residential	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
EPA 6010D (mg/kg dry)																		
Arsenic	16	16	2.97		1.9													
Barium	820	400	24.8		32.8													
Beryllium	47	72	<0.70		<0.71													
Cadmium	7.5	4.3	<1.75		<1.78													
Chromium	N/A	180	8.65		10.1													
Copper	1720	270	10.6		18													
Lead	450	400	17.7		28.9													
Manganese	2000	2000	103		150													
Nickel	130	310	4.9		7.33													
Selenium	4	180	<3.49		<3.54	4.G												
Silver	8.3	180	<0.44		<0.44													
Zinc	2480	10000	30.6		37.9													
EPA 7196A (mg/kg dry)																		
Hexavalent Chromium	19	110	<0.618		<0.635													
EPA 7471B (mg/kg dry)																		
Mercury	0.73	0.811	0.04		0.07													
EPA 8081B (ug/kg dry)																		
4,4'-DDD	14000	13000	9.22		9.62	4.G, 4.T												
4,4'-DDE	17000	8900	14.5		9.29													
4,4'-DDT	136000	7900	18.6		13	4.G, 4.T												
Aldrin	190	97	9.72		<2.54													
alpha-BHC	20.1	480	13.5		12.7	4.G, 4.T												
beta-BHC	90	360	6.85		18.5	4.G, 4.T												
cis-Chlordane	2900	4200	18.7		26.3	4.G, 4.T												
delta-BHC	250	100000	11.1		12.4	4.G, 4.T												
Dieldrin	100	200	13.5		29.1	4.G, 4.T												
Endosulfan I	102000	24000	<6.18		<6.35	4.G, 4.T												
Endosulfan II	102000	24000	<6.18		<6.35	4.G, 4.T												
Endosulfan Sulfate	1000000	24000	<6.18		<6.35	4.G, 4.T												
Endrin	60	11000	<6.18		<6.35	4.G, 4.T												
gamma-BHC / Lindane	100	1300	10.5		10.3	4.G, 4.T												
Heptachlor	380	2100	<6.18		8.05	4.T, 4.G												
Mirex	NA	NA	<6.18		6.68	4.T, 4.G												
EPA 8082A (ug/kg dry)																		
Aroclor-1016	355.6	111.1	<61.8		<63.5	4.T												
Aroclor-1221	355.6	111.1	<61.8		<63.5													
Aroclor-1232	355.6	111.1	<61.8		<63.5													
Aroclor-1242	355.6	111.1	<61.8		<63.5													
Aroclor-1248	355.6	111.1	<61.8		<63.5													
Aroclor-1254	355.6	111.1	<61.8		<63.5													
Aroclor-1260	355.6	111.1	<61.8		<63.5	4.T												
Aroclor-1262	355.6	111.1	<61.8		<63.5													
Aroclor-1268	355.6	111.1	<61.8		<63.5													
EPA 8151A (ug/kg dry)																		
2,4,5-TP (Silvex)	3800	100000	<31		<32													
EPA 8260D (ug/kg dry)																		

Client: Let It Grow Inc
Project: Analysis
ProjectNumber: 151 South St, Manorville, NY
Matrix: Soil
Collect Dates: 3/28/2024 Thru 3/28/2024

Lab Number			4032817-01		4032817-02		4032817-03		4032817-04		4032817-05		4032817-06		4032817-07		4032817-08	
Sampled Name			Stockpile A - Comp		Stockpile B - Comp		Stockpile - 1A Grab		Stockpile - 2A Grab		Stockpile - 3A Grab (MS/MSD)		Stockpile - 1B Grab		Stockpile - 2B Grab		Stockpile - 3B Grab	
Sampled Date			3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024	
Parameter	Part 375 Protection of Groundwater	Part 375 Restricted-Residential	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
1,1,1-Trichloroethane	680	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,1-Dichloroethane	270	26000					<6.44		<6.29		<6.49	4.G	<6.14		<6.44		<6.34	
1,1-Dichloroethene	330	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,2,4-Trimethylbenzene	3600	52000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,2-Dichlorobenzene	1100	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,2-Dichloroethane	20	3100					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,3,5-Trimethylbenzene	8400	52000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,3-Dichlorobenzene	2400	49000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,4-Dichlorobenzene	1800	13000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
1,4-Dioxane	100	13000					<32.2		<31.5		<32.4	4.G, 4.T	<30.7		<32.2		<31.7	
Acetone	50	100000					<25.8	4.J, 4.N	<25.2	4.J, 4.N	<26.0	4.G, 4.J, 4.N	<24.6	4.J, 4.N	<25.8	4.J, 4.N	<25.4	4.J, 4.N
Benzene	60	4800					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
Carbon Tetrachloride	760	2400					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		<6.44		<6.34	
Chlorobenzene	1100	100000					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		<6.44		<6.34	
Chloroform	370	49000					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		<6.44		<6.34	
cis-1,2-Dichloroethene	250	100000					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		<6.44		<6.34	
Ethylbenzene	1000	41000					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		<6.44		<6.34	
m,p-Xylenes	960	100000					<12.9		<12.6		<13.0	4.T, 4.G	<12.3		<12.9		<12.7	
Methyl Ethyl Ketone (2-Butanone)	120	100000					<12.9		<12.6		<13.0	4.T, 4.G	<12.3		<12.9		<12.7	
Methylene Chloride	50	100000					<6.44		<6.29		<6.49	4.T, 4.G	<6.14		6.8		<6.34	
Methyl-tert-Butyl Ether	930	100000					<6.44		<6.29		<6.49	4.G	<6.14		<6.44		<6.34	
n-Butylbenzene	11000	100000					<6.44	4.K	<6.29	4.K	<6.49	4.K, 4.G, 4.T	<6.14	4.K	<6.44	4.K	<6.34	
n-Propylbenzene	3900	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
o-Xylene	480	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
sec-Butylbenzene	11000	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
tert-Butylbenzene	5900	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
Tetrachloroethene	1300	19000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
Toluene	700	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
trans-1,2-Dichloroethene	190	100000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
Trichloroethene	470	21000					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
Vinyl chloride	20	900					<6.44		<6.29		<6.49	4.G, 4.T	<6.14		<6.44		<6.34	
EPA 8270E (ug/kg dry)																		
2-Methylphenol	330	100000	<371		<381													
3/4-Methylphenol (m-Cresol/p-Cr	660	200000	<185		<190													
Acenaphthene	98000	100000	<247		<254													
Acenaphthylene	107000	100000	<185		<190													
Anthracene	1000000	100000	<247		<254													
Benzo(a)anthracene	1000	1000	<185		<190													
Benzo(a)pyrene	22000	1000	195		230													
Benzo(b)fluoranthene	1700	1000	<371		<381													
Benzo(g,h,i)perylene	1000000	100000	<185		<190													
Benzo(k)fluoranthene	1700	3900	<185		<190													
Chrysene	1000	3900	<247		<254													
Dibenzo(a,h)anthracene	1000000	330	<185		<190													
Dibenzofuran	210000	59000	<247		<254													
Fluoranthene	1000000	100000	251		269													
Fluorene	386000	100000	<247		<254													

Client: Let It Grow Inc
Project: Analysis
ProjectNumber: 151 South St, Manorville, NY
Matrix: Soil
Collect Dates: 3/28/2024 Thru 3/28/2024

Lab Number			4032817-01		4032817-02		4032817-03		4032817-04		4032817-05		4032817-06		4032817-07		4032817-08	
Sampled Name			Stockpile A - Comp		Stockpile B - Comp		Stockpile - 1A Grab		Stockpile - 2A Grab		Stockpile - 3A Grab (MS/MSD)		Stockpile - 1B Grab		Stockpile - 2B Grab		Stockpile - 3B Grab	
Sampled Date			3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024		3/28/2024	
Parameter	Part 375 Protection of Groundwater	Part 375 Restricted-Residential	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
Hexachlorobenzene	3200	1200	<247		<254													
Indeno(1,2,3-cd)pyrene	8200	500	<185		<190													
Naphthalene	12000	100000	<247		<254													
Pentachlorophenol	800	6700	<371		<381													
Phenanthrene	1000000	100000	<247		<254													
Phenol	330	100000	<185		<190													
Pyrene	1000000	100000	<247		267													
EPA 9014 (mg/kg dry)																		
Cyanide	40	27	<0.25		<0.25													

Notes:
Report Generated on: 4/9/2024 3:57:53 PM

Qualifiers:

4.G	Spike recovery out of range due to matrix interference.
4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels failed high, values are considered to be estimated.
4.N	LCS recovery was below QC acceptance limit.
4.T	Sample Matrix Spike/Spike Dup RPD is above acceptable range.

Client:	Let It Grow Inc
Project:	Analysis
ProjectNumber:	151 South St, Manorville, NY
Matrix:	Non-Potable Water
Collect Dates:	3/28/2024 Thru 3/28/2024

Lab Number	4032817-10	
Sampled Name	Equipment Blank	
Sampled Date	3/28/2024	
Parameter	Value	Qual
EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Dodecafluoro-3H-4,8-dioxanonao	<10.00	
N-EtFOSA	<10.00	
N-EtFOSAA	<10.00	
N-EtFOSE	<50.00	
N-MeFOSA	<20.00	
N-MeFOSAA	<20.00	
N-MeFOSE	<100.0	
Perfluoro(2-ethoxyethane)sulfonic	<5.000	
Perfluoro-1-decanesulfonate (PFD	<10.00	
Perfluoro-1-dodecanesulfonate (P	<20.00	
Perfluoro-1-nonanesulfonate (PFN	<10.00	
Perfluoro-3-6,dioxaheptanoic acic	<10.00	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Perfluoro-4-oxapentanoic acid (PF	<10.00	
Perfluoro-5-oxahexanoic acid (PFN	<10.00	
Perfluorobutanesulfonic Acid (PFB	<5.000	
Perfluorobutanoic Acid (PFBA)	<20.00	
Perfluorodecanoic Acid (PFDA)	<10.00	
Perfluorododecanoic Acid (PFDoA	<5.000	
Perfluoroheptanesulfonic Acid (PF	<5.000	
Perfluoroheptanoic Acid (PFHpA)	<10.00	
Perfluorohexanesulfonic Acid (PFH	<10.00	
Perfluorohexanoic Acid (PFHxA)	<10.00	
Perfluorononanoic Acid (PFNA)	<5.000	
Perfluorooctanesulfonamide (FOS	<5.000	
Perfluorooctanesulfonic Acid (PFO	<2.000	
Perfluorooctanoic Acid (PFOA)	<2.000	
Perfluoropentanesulfonic Acid (PF	<5.000	
Perfluoropentanoic Acid (PFPeA)	<10.00	
Perfluorotetradecanoic Acid (PFTe	<10.00	
Perfluorotridecanoic Acid (PFTriA)	<10.00	
Perfluoroundecanoic Acid (PFUnA	<5.000	
EPA 200.7, Rev. 4.4 (1994) (mg/L)		
Arsenic	<0.05	
Barium	<0.05	
Beryllium	<0.02	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Cadmium	<0.01	
Chromium	<0.05	
Copper	<0.05	
Lead	<0.05	
Manganese	<0.05	
Nickel	<0.05	
Selenium	<0.05	
Silver	<0.05	
Zinc	<0.05	
EPA 245.1, Rev. 3.0 (1994) (mg/L)		
Mercury	<0.002	
EPA 608.3 (ug/L)		
Aroclor-1016	<0.500	
Aroclor-1221	<0.500	
Aroclor-1232	<0.500	
Aroclor-1242	<0.500	
Aroclor-1248	<0.500	
Aroclor-1254	<0.500	
Aroclor-1260	<0.500	
EPA 8081B (ug/L)		
4,4'-DDD	<2.00	
4,4'-DDE	<2.00	
4,4'-DDT	<2.00	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Aldrin	<2.00	
alpha-BHC	<2.00	
beta-BHC	<2.00	
cis-Chlordane	<2.00	
delta-BHC	<2.00	
Dieldrin	<2.00	
Endosulfan I	<2.00	
Endosulfan II	<2.00	
Endosulfan Sulfate	<2.00	
Endrin	<2.00	
gamma-BHC / Lindane	<2.00	
Heptachlor	<2.00	
EPA 8151A (ug/L)		
2,4,5-TP (Silvex)	<1	
EPA 8260D (ug/L)		
1,1,1-Trichloroethane	<5.00	
1,1-Dichloroethane	<5.00	
1,1-Dichloroethene	<5.00	
1,2,4-Trimethylbenzene	<5.00	
1,2-Dichlorobenzene	<5.00	
1,2-Dichloroethane	<5.00	
1,3,5-Trimethylbenzene	<5.00	
1,3-Dichlorobenzene	<5.00	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
1,4-Dichlorobenzene	<5.00	
1,4-Dioxane	<100	
Acetone	<10.0	4.J, 4.N
Benzene	<0.700	
Carbon Tetrachloride	<5.00	
Chlorobenzene	<5.00	
Chloroform	<5.00	
cis-1,2-Dichloroethene	<5.00	
Ethylbenzene	<5.00	
m,p-Xylenes	<10.0	
Methyl Acetate	<5.00	4.J
Methyl Ethyl Ketone (2-Butanone)	<10.0	
Methylene Chloride	<5.00	
Methyl-tert-Butyl Ether	<5.00	
n-Butylbenzene	<5.00	
n-Propylbenzene	<5.00	
o-Xylene	<5.00	
sec-Butylbenzene	<5.00	
tert-Butyl alcohol	<5.00	
tert-Butylbenzene	<5.00	
Tetrachloroethene	<5.00	
Toluene	<5.00	
trans-1,2-Dichloroethene	<5.00	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Trichloroethene	<5.00	
Vinyl chloride	<5.00	4.J, 4.N
EPA 8270E (ug/L)		
2-Methylphenol	<5.00	
3/4-Methylphenol (m-Cresol/p-Cr	<5.00	
Acenaphthene	<5.00	
Acenaphthylene	<5.00	
Anthracene	<5.00	
Benzo(a)anthracene	<5.00	
Benzo(a)pyrene	<5.00	
Benzo(b)fluoranthene	<5.00	
Benzo(g,h,i)perylene	<5.00	
Benzo(k)fluoranthene	<5.00	
Chrysene	<5.00	
Dibenzo(a,h)anthracene	<5.00	
Dibenzofuran	<5.00	
Fluoranthene	<5.00	
Fluorene	<5.00	
Hexachlorobenzene	<5.00	
Indeno(1,2,3-cd)pyrene	<5.00	
Naphthalene	<5.00	
Pentachlorophenol	<5.00	
Phenanthrene	<5.00	

EPA 1633 (Draft) (ng/L)		
11-CESF-3-oxaundecane-1-sulfon	<10.00	
2,3,3,3-Tetrafluoro-2-propanoic a	<20.00	
3:3 FTCA	<50.00	
4:2 FTS	<20.00	
5:3 FTCA	<100.0	
6:2 FTS	<20.00	
7:3 FTCA	<200.0	
8:2 FTS	<50.00	
9-CHDF-3-oxanonane-1-sulfonate	<10.00	
Phenol	<5.00	
Pyrene	<5.00	

Notes:

Report Generated on: 4/9/2024 3:57:53 PM

Qualifiers:

4.J	Continuing Calibration Verification (CCV) quality control levels failed low, values are considered to be estimated.
4.N	LCS recovery was below QC acceptance limit.

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

4032817
Let It Grow
151 South St. Manorville, NY
Category B Report

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Mercury Analysis

EPA 245.1, Rev. 3.0 (1994)
EPA 74171B

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AIHA# 164456
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PADEP# 68-2943

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Matrix: Non-Potable Water
Instrument: m-7600

Analyte	MDL	MRL	Units	Method
Mercury	0.0008	0.002	mg/L	EPA 245.1, Rev. 3.0 (1994)
	0.005	0.02	mg/kg	EPA 7471B

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USEPA# NY01273
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PADEP# 68-2943

PREPARATION BATCH SUMMARY

EPA 245.1, Rev. 3.0 (1994)

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Batch:	B413200	Batch Matrix:	Non-Potable Water	Preparation:	EPA 245.1

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Equipment Blank	4032817-10	03/29/24 13:12	25.00	25.00
Blank	B413200-BLK1	03/29/24 13:12	25.00	25.00
LCS	B413200-BS1	03/29/24 13:12	25.00	25.00
Equipment Blank	B413200-MS1	03/29/24 13:12	25.00	25.00
Equipment Blank	B413200-MSD1	03/29/24 13:12	25.00	25.00

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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 245.1, Rev. 3.0 (1994)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 245.1
Batch:	B413200	Laboratory ID:	B413200-BS1
Column:		Initial/Final:	25 mL / 25 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Mercury	0.00200	0.00186	93	84.5 - 115

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PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 245.1, Rev. 3.0 (1994)
Batch:	B413200	Preparation:	EPA 245.1
% Solids:		Laboratory ID:	B413200-MS1
Column:		Sample Lab ID:	4032817-10

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Mercury	0.00800	ND	0.00703	88	70 - 130

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.00800	0.00687	86	2	20	70 - 130

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PREPARATION BATCH SUMMARY

EPA 7471B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Batch:	B413170 Batch Matrix: Soil	Preparation:	EPA 7471 B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Stockpile A - Comp	4032817-01	03/28/24 15:17	2.90	25.00
Stockpile B - Comp	4032817-02	03/28/24 15:17	2.80	25.00
Blank	B413170-BLK1	03/28/24 15:17	25.00	25.00
Blank	B413170-BLK2	03/28/24 15:17	1.30	25.00
LCS	B413170-BS1	03/28/24 15:17	0.01	25.00
Stockpile B - Comp	B413170-MS1	03/28/24 15:17	2.80	25.00
Stockpile B - Comp	B413170-MSD1	03/28/24 15:17	2.90	25.00

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PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 7471B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 7471 B
Batch:	B413170	Laboratory ID:	B413170-BS1
Column:		Initial/Final:	0.0138 g / 25 mL

ANALYTE	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC.	QC LIMITS REC.
Mercury	26.8	32.1	120	70 - 130

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AIHA# 164456
NJDEP# NY012
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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 7471B
Batch:	B413170	Preparation:	EPA 7471 B
% Solids:	78.76	Laboratory ID:	B413170-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC.	QC LIMITS REC.
Mercury	0.0907	0.0720	0.153	89	60.2 - 145

ANALYTE	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.0876	0.135	72	13	20	60.2 - 145

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SAMPLE DATA

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	4032817-01
Sampled:	03/28/24 13:47	Method:	EPA 7471B
% Solids:	80.89	Dilution:	1

CAS NO.	Analyte	Concentration (mg/kg dry)	Q
7439-97-6	Mercury	0.04	

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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	4032817-02
Sampled:	03/28/24 13:47	Method:	EPA 7471B
% Solids:	78.76	Dilution:	1

CAS NO.	Analyte	Concentration (mg/kg dry)	Q
7439-97-6	Mercury	0.07	

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ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10
Sampled:	03/28/24 00:00	Method:	EPA 245.1, Rev. 3.0 (1994)
% Solids:	0.00	Dilution:	1

CAS NO.	Analyte	Concentration (mg/L)	Q
7439-97-6	Mercury	0.002	U

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Report Generated By Teledyne Leeman QuickTrace

Analyst: CETAC

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\04032024 hg acv.wszf

Creation Date: 4/3/2024 10:13:51 AM

Comment:

Results

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
Single:	UNK	04/03/24 12:39:30 pm	0.000	63147	0.28			N/A
Replicates	62942.4	63099.4	63172.4	63372.4				
Calibration Blank	STD	04/03/24 12:46:55 pm	0.000	659	4.79			N/A
Replicates	671.6	687.1	664.6	614.1				
Standard #1 (0.5 ppb)	STD	04/03/24 12:49:11 pm	0.500	2560	1.82	10.45%		N/A
Replicates	2584.6	2525.1	2613.1	2517.1				
Standard #2 (1.0 ppb)	STD	04/03/24 12:51:28 pm	1.000	4390	0.75	-4.04%		N/A
Replicates	4370.8	4402.3	4357.3	4431.3				
Standard #3 (2.0 ppb)	STD	04/03/24 12:53:45 pm	2.000	8307	0.52	-8.44%		N/A
Replicates	8264.7	8273.7	8346.7	8341.7				
Standard #4 (5.0 ppb)	STD	04/03/24 12:56:03 pm	5.000	22275	0.23	-1.20%		N/A
Replicates	22228.2	22236.7	22304.7	22330.7				
Standard #5 (10.0 ppb)	STD	04/03/24 12:58:20 pm	10.000	45505	0.19	1.10%		N/A
Replicates	45404.1	45466.6	45592.1	45556.6				
Standard #6 20.0ppb	STD	04/03/24 01:00:38 pm	20.000	89841	0.19	-0.11%		N/A
Replicates	89626.8	89784.8	89923.3	90029.8				

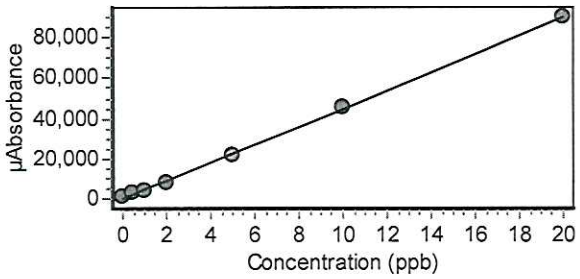
Calibration

Equation: Abs = 4493.174x + 78.624

R2: 0.99979 RSE: 7.06%

SEE: 515.2479

Flags:



ICV	ICV	04/03/24 01:07:11 pm	10.900	49093	0.78		Q	109.09
Replicates	48643.6	48944.6	49268.1	49516.6				
ICB	ICB	04/03/24 01:11:51 pm	-0.056	-171	7.90			N/A
Replicates	-175.5	-144.5	-192.0	-170.5				
CCB	CCB	04/03/24 01:14:10 pm	-0.033	-68	22.33			N/A
Replicates	-56.8	-40.8	-59.3	-115.8				
ICV	ICV	04/03/24 01:19:17 pm	9.970	44879	0.11			99.71
Replicates	44856.3	44858.8	44950.8	44850.8				
CCV	CCV	04/03/24 01:21:35 pm	10.500	47171	0.23			104.81
Replicates	47041.5	47129.0	47240.0	47275.0				

Sample Name		Type	Date/Time	Conc (ppb)	µAbs	%RSD	Residual	Flags	% Recovery
b413170-bs3		UNK	04/03/24 05:43:39 pm	-0.003	64	170.69			N/A
Replicates	68.8	97.8	41.8	45.8					
4032817-01		UNK	04/03/24 05:45:57 pm	3.750	16923	0.21			N/A
Replicates	16870.5	16928.5	16949.5	16942.5					
4032817-02		UNK	04/03/24 05:48:14 pm	6.350	28595	0.13			N/A
Replicates	28565.1	28562.1	28637.1	28615.1					
b413170-ms1		UNK	04/03/24 05:50:31 pm	7.090	31938	0.24			N/A
Replicates	31845.0	31949.5	31923.5	32032.5					
b413170-msd1		UNK	04/03/24 05:52:48 pm	12.300	55389	0.20			N/A
Replicates	55248.4	55373.9	55414.4	55518.9					
b413170-ms1		UNK	04/03/24 05:55:06 pm	13.500	60587	0.17			N/A
Replicates	60456.0	60568.5	60635.0	60688.5					
4032819-01		UNK	04/03/24 05:57:23 pm	0.014	140	45.64			N/A
Replicates	123.6	163.1	164.6	109.1					
4032626-01		UNK	04/03/24 06:02:06 pm	1.100	5018	0.44			N/A
Replicates	5029.8	5012.8	5038.8	4989.8					
CCV		CCV	04/03/24 06:04:25 pm	10.700	48355	0.02			107.44
Replicates	48354.5	48357.5	48365.5	48343.5					
CCB		CCB	04/03/24 06:06:43 pm	-0.023	-26	20.65			N/A
Replicates	-31.2	-27.7	3.3	-48.7					
4032626-02		UNK	04/03/24 06:09:00 pm	9.230	41537	0.13			N/A
Replicates	41468.5	41600.5	41552.0	41528.5					
4032626-03		UNK	04/03/24 06:16:48 pm	29.700	133341	0.07			N/A
Replicates	133245.7	133274.2	133387.2	133458.2					
4032626-09		UNK	04/03/24 06:23:08 pm	0.456	2126	1.64			N/A
Replicates	2155.1	2152.1	2085.6	2111.1					
4032629-01		UNK	04/03/24 06:35:22 pm	0.260	1248	3.30			N/A
Replicates	1262.1	1192.1	1280.6	1256.1					
4032629-02		UNK	04/03/24 06:42:12 pm	1.230	5613	0.58			N/A
Replicates	5575.5	5601.5	5650.0	5625.5					
4032629-03		UNK	04/03/24 06:45:01 pm	0.358	1688	2.25			N/A
Replicates	1704.8	1642.3	1678.3	1726.3					
4032629-04		UNK	04/03/24 06:47:19 pm	0.431	2015	1.41			N/A
Replicates	1993.0	2007.5	2054.5	2003.5					
4032629-05		UNK	04/03/24 06:51:14 pm	0.206	1003	0.92			N/A
Replicates	1015.2	997.2	997.2	1004.2					
4032632-01		UNK	04/03/24 06:55:56 pm	28.600	128375	0.15			N/A
Replicates	128129.1	128320.6	128458.1	128593.6					

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Metals Analysis

EPA 200.7, Rev. 4.4 (1994)
EPA 6010D

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Matrix: Non-Potable Water
Instrument: ICP-5110

Analyte	MDL	MRL	Units	Method
Arsenic	0.02	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Barium	0.007	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Beryllium	0.004	0.02	mg/L	EPA 200.7, Rev. 4.4 (1994)
Cadmium	0.002	0.01	mg/L	EPA 200.7, Rev. 4.4 (1994)
Chromium	0.006	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Copper	0.003	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Lead	0.008	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Manganese	0.02	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Nickel	0.007	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Selenium	0.02	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Silver	0.002	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Zinc	0.02	0.05	mg/L	EPA 200.7, Rev. 4.4 (1994)
Arsenic	0.93	1.67	mg/kg	EPA 6010D
Barium	0.68	1.67	mg/kg	EPA 6010D
Beryllium	0.07	0.67	mg/kg	EPA 6010D
Cadmium	0.19	1.67	mg/kg	EPA 6010D
Chromium	0.20	1.67	mg/kg	EPA 6010D
Copper	0.24	1.67	mg/kg	EPA 6010D
Lead	1.09	1.67	mg/kg	EPA 6010D
Manganese	0.55	1.67	mg/kg	EPA 6010D
Nickel	0.21	1.67	mg/kg	EPA 6010D
Selenium	1.00	3.33	mg/kg	EPA 6010D
Silver	0.13	0.42	mg/kg	EPA 6010D
Zinc	1.31	1.67	mg/kg	EPA 6010D

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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Matrix: Soil
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Hexavalent Chromium	0.149	0.500	mg/kg	EPA 7196A
Cyanide	0.10	0.20	mg/kg	EPA 9014

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PREPARATION BATCH SUMMARY

EPA 200.7, Rev. 4.4 (1994)

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Batch:	B413198	Batch Matrix:	Non-Potable Water	Preparation:	EPA 200.7, Rev. 4.4(1994)

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Equipment Blank	4032817-10	03/29/24 10:07	25.00	25.00
Blank	B413198-BLK1	03/29/24 10:07	25.00	25.00
LCS	B413198-BS1	03/29/24 10:07	25.00	25.00
Equipment Blank	B413198-MS1	03/29/24 10:07	25.00	25.00
Equipment Blank	B413198-MSD1	03/29/24 10:07	25.00	25.00
Reference	B413198-SRM1	03/29/24 10:07	25.00	50.00

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 200.7, Rev. 4.4 (1994)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 200.7, Rev. 4.4(1994)
Batch:	B413198	Laboratory ID:	B413198-BS1
Column:		Initial/Final:	25 mL / 25 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Arsenic	2.00	1.97	99	85 - 115
Barium	2.00	2.12	106	85 - 115
Beryllium	2.00	1.98	99	85 - 115
Cadmium	2.00	1.90	95	85 - 115
Chromium	2.00	1.93	96	85 - 115
Copper	2.00	2.03	102	85 - 115
Lead	2.00	1.90	95	85 - 115
Manganese	2.00	1.97	99	85 - 115
Nickel	2.00	1.95	97	85 - 115
Selenium	2.00	1.9	97	85 - 115
Silver	0.500	0.516	103	85 - 115
Zinc	2.00	1.94	97	85 - 115

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 200.7, Rev. 4.4 (1994)
Batch:	B413198	Preparation:	EPA 200.7, Rev. 4.4(1994)
% Solids:		Laboratory ID:	B413198-MS1
Column:		Sample Lab ID:	4032817-10

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Arsenic	2.00	ND	1.97	98	70 - 130
Barium	2.00	ND	2.12	106	70 - 130
Beryllium	2.00	ND	1.98	99	70 - 130
Cadmium	2.00	ND	1.90	95	70 - 130
Chromium	2.00	ND	1.93	96	70 - 130
Copper	2.00	ND	2.02	101	70 - 130
Lead	2.00	ND	1.89	95	70 - 130
Manganese	2.00	ND	1.97	99	70 - 130
Nickel	2.00	ND	1.94	97	70 - 130
Selenium	2.00	ND	1.9	97	70 - 130
Silver	0.500	ND	0.514	103	70 - 130
Zinc	2.00	ND	1.93	97	70 - 130

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 200.7, Rev. 4.4 (1994)
Batch:	B413198	Preparation:	EPA 200.7, Rev. 4.4(1994)
% Solids:		Laboratory ID:	B413198-MSD1
Column:		Sample Lab ID:	4032817-10

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Arsenic	2.00	1.93	97	2	20	70 - 130
Barium	2.00	2.09	105	2	20	70 - 130
Beryllium	2.00	1.95	97	1	20	70 - 130
Cadmium	2.00	1.86	93	2	20	70 - 130
Chromium	2.00	1.89	95	2	20	70 - 130
Copper	2.00	1.98	99	2	20	70 - 130
Lead	2.00	1.86	93	2	20	70 - 130
Manganese	2.00	1.94	97	2	20	70 - 130
Nickel	2.00	1.91	96	2	20	70 - 130
Selenium	2.00	1.9	95	2	20	70 - 130
Silver	0.500	0.505	101	2	20	70 - 130
Zinc	2.00	1.90	95	2	20	70 - 130

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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

PREPARATION BATCH SUMMARY

EPA 6010D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Batch:	B414024 Batch Matrix: Soil	Preparation:	EPA 3050B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Stockpile A - Comp	4032817-01	04/01/24 09:35	1.77	50.00
Stockpile B - Comp	4032817-02	04/01/24 09:35	1.79	50.00
Blank	B414024-BLK1	04/01/24 09:35	1.50	50.00
Blank	B414024-BLK2	04/01/24 09:35	1.50	50.00
LCS	B414024-BS1	04/01/24 09:35	1.50	50.00
MRL Check	B414024-MRL1	04/01/24 09:35	1.50	50.00
Stockpile B - Comp	B414024-MS1	04/01/24 09:35	1.82	50.00
Stockpile B - Comp	B414024-MSD1	04/01/24 09:35	1.76	50.00
Reference	B414024-SRM1	04/01/24 09:35	0.23	50.00

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 6010D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3050B
Batch:	B414024	Laboratory ID:	B414024-BS1
Column:		Initial/Final:	1.5 g / 50 mL

ANALYTE	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC.	QC LIMITS REC.
Arsenic	66.7	58.4	88	80 - 120
Barium	66.7	62.0	93	80 - 120
Beryllium	66.7	60.8	91	80 - 120
Cadmium	66.7	60.1	90	80 - 120
Chromium	66.7	60.9	91	70 - 130
Copper	66.7	61.0	92	80 - 120
Lead	66.7	58.6	88	80 - 120
Manganese	66.7	61.3	92	80 - 120
Nickel	66.7	60.2	90	80 - 120
Selenium	66.7	54.6	82	80 - 120
Silver	16.7	15.2	91	70 - 130
Zinc	66.7	58.7	88	80 - 120

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 6010D
Batch:	B414024	Preparation:	EPA 3050B
% Solids:	78.76	Laboratory ID:	B414024-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC.	QC LIMITS REC.
Arsenic	69.8	1.90	56.4	78	75.5 - 113
Barium	69.8	32.8	92.4	85	64.9 - 128
Beryllium	69.8	0.194	56.9	81	74.6 - 115
Cadmium	69.8	0.354	54.9	78	71.9 - 117
Chromium	69.8	10.1	65.7	80	67.4 - 128
Copper	69.8	18.0	75.0	82	68.2 - 132
Lead	69.8	28.9	80.5	74	64.9 - 133
Manganese	69.8	150	209	84	57.4 - 143
Nickel	69.8	7.33	61.0	77	73.6 - 122
Selenium	69.8	ND	52.0	75	74.9 - 115
Silver	17.4	ND	14.9	85	73.5 - 119
Zinc	69.8	37.9	92.7	79	62.6 - 131

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 6010D
Batch:	B414024	Preparation:	EPA 3050B
% Solids:	78.76	Laboratory ID:	B414024-MSD1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Arsenic	72.1	57.8	77		2		20	75.5 - 113
Barium	72.1	91.3	81		1		20	64.9 - 128
Beryllium	72.1	58.9	81		3		20	74.6 - 115
Cadmium	72.1	57.4	79		4		20	71.9 - 117
Chromium	72.1	67.2	79		2		20	67.4 - 128
Copper	72.1	74.9	79		0.2		20	68.2 - 132
Lead	72.1	84.9	78		5		20	64.9 - 133
Manganese	72.1	201	70		4		20	57.4 - 143
Nickel	72.1	63.1	77		3		20	73.6 - 122
Selenium	72.1	53.4	74	N	3	N	20	74.9 - 115
Silver	18.0	15.3	85		3		20	73.5 - 119
Zinc	72.1	91.9	75		0.9		20	62.6 - 131

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Hexavalent Chromium
EPA 7196A

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

PREPARATION BATCH SUMMARY

EPA 7196A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Batch:	B413189 Batch Matrix: Soil	Preparation:	EPA 3060A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Stockpile A - Comp	4032817-01	03/29/24 08:58	5.00	50.00
Stockpile B - Comp	4032817-02	03/29/24 08:58	5.00	50.00
Blank	B413189-BLK1	03/29/24 08:58	5.00	50.00
LCS	B413189-BS1	03/29/24 08:58	5.00	50.00
Stockpile B - Comp	B413189-DUP1	03/29/24 08:58	5.00	50.00
Stockpile B - Comp	B413189-MS1	03/29/24 08:58	5.00	50.00
Stockpile B - Comp	B413189-MS2	03/29/24 08:58	5.00	50.00

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 7196A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3060A
Batch:	B413189	Laboratory ID:	B413189-BS1
Column:		Initial/Final:	5 g / 50 mL

ANALYTE	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC.	QC LIMITS REC.
Hexavalent Chromium	5.00	4.97	99	90 - 110

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 7196A
Batch:	B413189	Preparation:	EPA 3060A
% Solids:	78.76	Laboratory ID:	B413189-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC.	QC LIMITS REC.
Hexavalent Chromium	6.35	ND	6.39	101	85 - 115

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PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 7196A
Batch:	B413189	Preparation:	EPA 3060A
% Solids:	78.76	Laboratory ID:	B413189-MS2
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC.		QC LIMITS REC.
Hexavalent Chromium	4.09	ND	5.62	138	N	85 - 115

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POST DIGEST SPIKE SAMPLE RECOVERY

4032817-02

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	B413189-PS1
Batch:	B413189	Analysis:	EPA 7196A
Preparation:	EPA 3060A	Initial/Final:	5 g / 50 mL

Analyte	Spike Sample Result (SSR) (mg/L)	Sample Result (SR) (mg/L)	Spike Added (SA) (mg/L)	%R	Control Limit %R
Hexavalent Chromium	0.500	ND	0.500	97	85 - 115

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DUPLICATES

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	B413189-DUP1
Batch:	B413189	Initial/Final:	5 g / 50 mL
Preparation:	EPA 3060A	Analysis:	EPA 7196A
% Solids:	78.76		

ANALYTE	SAMPLE CONCENTRATION (mg/kg dry)	DUPLICATE CONCENTRATION (mg/kg dry)	RPD %	Q	CONTROL LIMIT
Hexavalent Chromium	ND	0.635 U			20

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NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

Cyanide
EPA 9014

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

PREPARATION BATCH SUMMARY

EPA 9014

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Batch:	B413222 Batch Matrix: Soil	Preparation:	Distillation Prep

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
Stockpile A - Comp	4032817-01	03/30/24 09:01	50.00	500.00
Stockpile B - Comp	4032817-02	03/30/24 09:01	50.00	500.00
Blank	B413222-BLK1	03/30/24 09:01	50.00	500.00
LCS	B413222-BS1	03/30/24 09:01	50.00	500.00
Stockpile B - Comp	B413222-MS1	03/30/24 09:01	50.00	500.00
Stockpile B - Comp	B413222-MSD1	03/30/24 09:01	50.00	500.00

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 9014

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	Distillation Prep
Batch:	B413222	Laboratory ID:	B413222-BS1
Column:		Initial/Final:	50 g / 500 mL

ANALYTE	SPIKE ADDED (mg/kg wet)	LCS CONCENTRATION (mg/kg wet)	LCS % REC.	QC LIMITS REC.
Cyanide	0.400	0.340	85	75 - 125

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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 9014
Batch:	B413222	Preparation:	Distillation Prep
% Solids:	78.76	Laboratory ID:	B413222-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC.	QC LIMITS REC.
Cyanide	0.508	ND	0.370	73	51.43 - 135.25

ANALYTE	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Cyanide	0.508	0.402	79	8	20	51.43 - 135.25

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SAMPLE DATA

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ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	4032817-01
Sampled:	03/28/24 13:47	Method:	EPA 9014
% Solids:	80.89	Dilution:	1

CAS NO.	Analyte	Concentration (mg/kg dry)	Q
57-12-5	Cyanide	0.25	U
1854-02-99	Hexavalent Chromium	0.618	U
7440-38-2	Arsenic	2.97	
7440-39-3	Barium	24.8	
7440-41-7	Beryllium	0.70	U
7440-43-9	Cadmium	1.75	U
7440-47-3	Chromium	8.65	
7440-50-8	Copper	10.6	
7439-92-1	Lead	17.7	
7439-96-5	Manganese	103	
7440-02-0	Nickel	4.90	
7782-49-2	Selenium	3.49	U
7440-22-4	Silver	0.44	U
7440-66-6	Zinc	30.6	

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Soil	Laboratory ID:	4032817-02
Sampled:	03/28/24 13:47	Method:	EPA 9014
% Solids:	78.76	Dilution:	1

CAS NO.	Analyte	Concentration (mg/kg dry)	Q
57-12-5	Cyanide	0.25	U
1854-02-99	Hexavalent Chromium	0.635	U
7440-38-2	Arsenic	1.90	
7440-39-3	Barium	32.8	
7440-41-7	Beryllium	0.71	U
7440-43-9	Cadmium	1.78	U
7440-47-3	Chromium	10.1	
7440-50-8	Copper	18.0	
7439-92-1	Lead	28.9	
7439-96-5	Manganese	150	
7440-02-0	Nickel	7.33	
7782-49-2	Selenium	3.54	U
7440-22-4	Silver	0.44	U
7440-66-6	Zinc	37.9	

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	
Client:	Let It Grow Inc	Project:	Analysis
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10
Sampled:	03/28/24 00:00	Method:	EPA 200.7, Rev. 4.4 (1994)
% Solids:	0.00	Dilution:	1

CAS NO.	Analyte	Concentration (mg/L)	Q
7440-38-2	Arsenic	0.05	U
7440-39-3	Barium	0.05	U
7440-41-7	Beryllium	0.02	U
7440-43-9	Cadmium	0.01	U
7440-47-3	Chromium	0.05	U
7440-50-8	Copper	0.05	U
7439-92-1	Lead	0.05	U
7439-96-5	Manganese	0.05	U
7440-02-0	Nickel	0.05	U
7782-49-2	Selenium	0.05	U
7440-22-4	Silver	0.05	U
7440-66-6	Zinc	0.05	U

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Solution Name: SEQ-STD LOW

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD LOW	4/2/2024 11:04:31 AM	S1:25	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)		ppm	N/A	N/A	6.611383	
Al (237.312 nm)	0.250000	ppm	N/A	N/A	194.141248	0.250000
As (193.696 nm)		ppm	N/A	N/A	3.552841	
Ba (493.408 nm)		ppm	N/A	N/A	794.779161	
Be (313.042 nm)		ppm	N/A	N/A	61.611389	
Ca (317.933 nm)	1.000000	ppm	N/A	N/A	33171.963077	1.000000
Cd (214.439 nm)	0.005000	ppm	N/A	N/A	58.653855	0.005000
Co (230.786 nm)		ppm	N/A	N/A	9.660141	
Cr (267.716 nm)		ppm	N/A	N/A	21.213718	
Cu (327.395 nm)	0.020000	ppm	N/A	N/A	360.846422	0.020000
Fe (238.204 nm)		ppm	N/A	N/A	76.252163	
K (766.491 nm)		ppm	N/A	N/A	51.250789	
Mg (279.800 nm)	0.100000	ppm	N/A	N/A	105.780703	0.100000
Mn (257.610 nm)	0.010000	ppm	N/A	N/A	1750.571112	0.010000
Mo (202.032 nm)	0.020000	ppm	N/A	N/A	71.090942	0.020000
Na (589.592 nm)	0.250000	ppm	N/A	N/A	40890.778742	0.250000
Ni (231.604 nm)		ppm	N/A	N/A	3.134713	
Pb (220.353 nm)	0.010000	ppm	N/A	N/A	18.491831	0.010000
Sb (217.582 nm)		ppm	N/A	N/A	1.889557	
Se (196.026 nm)		ppm	N/A	N/A	5.021417	
Tl (351.923 nm)		ppm	N/A	N/A	2.143035	
V (292.401 nm)		ppm	N/A	N/A	46.453462	
Zn (213.857 nm)	0.020000	ppm	N/A	N/A	383.847598	0.020000

Solution Name: SEQ-STD 1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD 1	4/2/2024 11:07:45 AM	S1:26	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.005000	ppm	N/A	N/A	111.630862	0.005000
Al (237.312 nm)		ppm	N/A	N/A	74.442031	
As (193.696 nm)	0.050000	ppm	N/A	N/A	28.693196	0.050000
Ba (493.408 nm)	0.050000	ppm	N/A	N/A	41932.619973	0.050000
Be (313.042 nm)	0.020000	ppm	N/A	N/A	22811.435700	0.020000
Ca (317.933 nm)		ppm	N/A	N/A	19811.376073	
Cd (214.439 nm)	0.025000	ppm	N/A	N/A	287.770811	0.025000
Co (230.786 nm)	0.050000	ppm	N/A	N/A	292.047532	0.050000
Cr (267.716 nm)	0.050000	ppm	N/A	N/A	971.167241	0.050000
Cu (327.395 nm)	0.050000	ppm	N/A	N/A	888.725439	0.050000
Fe (238.204 nm)	0.100000	ppm	N/A	N/A	1266.216778	0.100000
K (766.491 nm)	0.250000	ppm	N/A	N/A	3919.042501	0.250000
Mg (279.800 nm)	0.500000	ppm	N/A	N/A	504.599575	0.500000
Mn (257.610 nm)	0.050000	ppm	N/A	N/A	8953.659765	0.050000
Mo (202.032 nm)	0.050000	ppm	N/A	N/A	172.493653	0.050000
Na (589.592 nm)	0.500000	ppm	N/A	N/A	81548.496114	0.500000
Ni (231.604 nm)	0.050000	ppm	N/A	N/A	92.216701	0.050000
Pb (220.353 nm)	0.050000	ppm	N/A	N/A	74.567205	0.050000
Sb (217.582 nm)	0.050000	ppm	N/A	N/A	21.973759	0.050000
Se (196.026 nm)	0.050000	ppm	N/A	N/A	27.195742	0.050000
Tl (351.923 nm)	0.050000	ppm	N/A	N/A	48.110458	0.050000
V (292.401 nm)	0.050000	ppm	N/A	N/A	1010.735900	0.050000
Zn (213.857 nm)	0.050000	ppm	N/A	N/A	912.588222	0.050000

Solution Name: SEQ-STD 2

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD 2	4/2/2024 11:11:00 AM	S1:27	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.050000	ppm	N/A	N/A	1155.730808	0.050000
Al (237.312 nm)	1.000000	ppm	N/A	N/A	735.184424	1.000000
As (193.696 nm)	0.500000	ppm	N/A	N/A	266.942906	0.500000
Ba (493.408 nm)	0.500000	ppm	N/A	N/A	429905.067334	0.500000
Be (313.042 nm)	0.200000	ppm	N/A	N/A	243400.949879	0.200000
Ca (317.933 nm)	5.000000	ppm	N/A	N/A	137450.422924	5.000000
Cd (214.439 nm)	0.250000	ppm	N/A	N/A	2808.042614	0.250000
Co (230.786 nm)	0.500000	ppm	N/A	N/A	2955.448975	0.500000
Cr (267.716 nm)	0.500000	ppm	N/A	N/A	9992.144834	0.500000
Cu (327.395 nm)	0.500000	ppm	N/A	N/A	9447.663534	0.500000
Fe (238.204 nm)	1.000000	ppm	N/A	N/A	12664.089746	1.000000
K (766.491 nm)	2.500000	ppm	N/A	N/A	46031.842261	2.500000
Mg (279.800 nm)	5.000000	ppm	N/A	N/A	5195.761993	5.000000
Mn (257.610 nm)	0.500000	ppm	N/A	N/A	93329.178772	0.500000
Mo (202.032 nm)	0.500000	ppm	N/A	N/A	1743.281718	0.500000
Na (589.592 nm)	5.000000	ppm	N/A	N/A	821750.981464	5.000000
Ni (231.604 nm)	0.500000	ppm	N/A	N/A	960.234569	0.500000
Pb (220.353 nm)	0.500000	ppm	N/A	N/A	745.349591	0.500000
Sb (217.582 nm)	0.500000	ppm	N/A	N/A	202.930522	0.500000
Se (196.026 nm)	0.500000	ppm	N/A	N/A	234.641468	0.500000
Tl (351.923 nm)	0.500000	ppm	N/A	N/A	457.096536	0.500000
V (292.401 nm)	0.500000	ppm	N/A	N/A	10169.690595	0.500000
Zn (213.857 nm)	0.500000	ppm	N/A	N/A	9006.885193	0.500000

Solution Name: SEQ-STD 3

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD 3	4/2/2024 11:14:14 AM	S1:28	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.200000	ppm	N/A	N/A	4672.102004	0.200000
Al (237.312 nm)	4.000000	ppm	N/A	N/A	2933.190603	4.000000
As (193.696 nm)	2.000000	ppm	N/A	N/A	1062.930612	2.000000
Ba (493.408 nm)	2.000000	ppm	N/A	N/A	1729123.118816	2.000000
Be (313.042 nm)	0.800000	ppm	N/A	N/A	964687.165882	0.800000
Ca (317.933 nm)	20.000000	ppm	N/A	N/A	523755.543572	20.000000
Cd (214.439 nm)	1.000000	ppm	N/A	N/A	11041.490012	1.000000
Co (230.786 nm)	2.000000	ppm	N/A	N/A	11737.868594	2.000000
Cr (267.716 nm)	2.000000	ppm	N/A	N/A	39787.585501	2.000000
Cu (327.395 nm)	2.000000	ppm	N/A	N/A	38146.497205	2.000000
Fe (238.204 nm)	4.000000	ppm	N/A	N/A	50077.703277	4.000000
K (766.491 nm)	10.000000	ppm	N/A	N/A	194402.386014	10.000000
Mg (279.800 nm)	20.000000	ppm	N/A	N/A	20901.784202	20.000000
Mn (257.610 nm)	2.000000	ppm	N/A	N/A	372885.540747	2.000000
Mo (202.032 nm)	2.000000	ppm	N/A	N/A	6944.701663	2.000000
Na (589.592 nm)	20.000000	ppm	N/A	N/A	3378007.732725	20.000000
Ni (231.604 nm)	2.000000	ppm	N/A	N/A	3813.829921	2.000000
Pb (220.353 nm)	2.000000	ppm	N/A	N/A	2956.849161	2.000000
Sb (217.582 nm)	2.000000	ppm	N/A	N/A	813.168192	2.000000
Se (196.026 nm)	2.000000	ppm	N/A	N/A	926.800527	2.000000
Tl (351.923 nm)	2.000000	ppm	N/A	N/A	1873.358943	2.000000
V (292.401 nm)	2.000000	ppm	N/A	N/A	40584.334405	2.000000
Zn (213.857 nm)	2.000000	ppm	N/A	N/A	35606.561569	2.000000

Solution Name: SEQ-STD 4

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD 4	4/2/2024 11:17:28 AM	S1:29	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.500000	ppm	N/A	N/A	12002.269759	0.500000
Al (237.312 nm)	10.000000	ppm	N/A	N/A	7481.058265	10.000000
As (193.696 nm)	5.000000	ppm	N/A	N/A	2698.236425	5.000000
Ba (493.408 nm)	5.000000	ppm	N/A	N/A	4331576.339489	5.000000
Be (313.042 nm)	2.000000	ppm	N/A	N/A	2412652.892876	2.000000
Ca (317.933 nm)	50.000000	ppm	N/A	N/A	1298821.472485	50.000000
Cd (214.439 nm)	2.500000	ppm	N/A	N/A	27362.130953	2.500000
Co (230.786 nm)	5.000000	ppm	N/A	N/A	29391.115042	5.000000
Cr (267.716 nm)	5.000000	ppm	N/A	N/A	99704.543547	5.000000
Cu (327.395 nm)	5.000000	ppm	N/A	N/A	97425.690891	5.000000
Fe (238.204 nm)	10.000000	ppm	N/A	N/A	124640.867129	10.000000
K (766.491 nm)	25.000000	ppm	N/A	N/A	524702.191153	25.000000
Mg (279.800 nm)	50.000000	ppm	N/A	N/A	52954.384226	50.000000
Mn (257.610 nm)	5.000000	ppm	N/A	N/A	924368.673721	5.000000
Mo (202.032 nm)	5.000000	ppm	N/A	N/A	17436.722937	5.000000
Na (589.592 nm)	50.000000	ppm	N/A	N/A	8737774.291392	50.000000
Ni (231.604 nm)	5.000000	ppm	N/A	N/A	9493.872941	5.000000
Pb (220.353 nm)	5.000000	ppm	N/A	N/A	7368.554330	5.000000
Sb (217.582 nm)	5.000000	ppm	N/A	N/A	2055.023633	5.000000
Se (196.026 nm)	5.000000	ppm	N/A	N/A	2341.874884	5.000000
Tl (351.923 nm)	5.000000	ppm	N/A	N/A	4796.025285	5.000000
V (292.401 nm)	5.000000	ppm	N/A	N/A	102164.001664	5.000000
Zn (213.857 nm)	5.000000	ppm	N/A	N/A	89251.920129	5.000000

Solution Name: SEQ-STD 5

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD 5	4/2/2024 11:20:42 AM	S1:30	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	1.000000	ppm	N/A	N/A	24174.633062	1.000000
Al (237.312 nm)	20.000000	ppm	N/A	N/A	14988.826912	20.000000
As (193.696 nm)	10.000000	ppm	N/A	N/A	5363.022123	10.000000
Ba (493.408 nm)	10.000000	ppm	N/A	N/A	8525476.061849	10.000000
Be (313.042 nm)	4.000000	ppm	N/A	N/A	4674204.229272	4.000000
Ca (317.933 nm)	100.000000	ppm	N/A	N/A	2512565.876370	100.000000
Cd (214.439 nm)	5.000000	ppm	N/A	N/A	52523.256960	5.000000
Co (230.786 nm)	10.000000	ppm	N/A	N/A	57221.980209	10.000000
Cr (267.716 nm)	10.000000	ppm	N/A	N/A	195514.718207	10.000000
Cu (327.395 nm)	10.000000	ppm	N/A	N/A	197197.321133	10.000000
Fe (238.204 nm)	20.000000	ppm	N/A	N/A	241948.344932	20.000000
K (766.491 nm)	50.000000	ppm	N/A	N/A	1102833.030232	50.000000
Mg (279.800 nm)	100.000000	ppm	N/A	N/A	105505.389919	100.000000
Mn (257.610 nm)	10.000000	ppm	N/A	N/A	1795109.949924	10.000000
Mo (202.032 nm)	10.000000	ppm	N/A	N/A	34250.531792	10.000000
Na (589.592 nm)	100.000000	ppm	N/A	N/A	0.000000	100.000000
Ni (231.604 nm)	10.000000	ppm	N/A	N/A	18501.494084	10.000000
Pb (220.353 nm)	10.000000	ppm	N/A	N/A	14426.441566	10.000000
Sb (217.582 nm)	10.000000	ppm	N/A	N/A	4096.482887	10.000000
Se (196.026 nm)	10.000000	ppm	N/A	N/A	4649.896821	10.000000
Tl (351.923 nm)	10.000000	ppm	N/A	N/A	9733.615961	10.000000
V (292.401 nm)	10.000000	ppm	N/A	N/A	201896.534168	10.000000
Zn (213.857 nm)	10.000000	ppm	N/A	N/A	173688.939673	10.000000

Solution Name: SEQ-STD HIGH

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-STD HIGH	4/2/2024 11:23:56 AM	S1:31	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)		ppm	N/A	N/A	10.074145	
Al (237.312 nm)	200.000000	ppm	N/A	N/A	154196.270049	200.000000
As (193.696 nm)		ppm	N/A	N/A	3.969448	
Ba (493.408 nm)		ppm	N/A	N/A	2404.832106	
Be (313.042 nm)		ppm	N/A	N/A	96.792100	
Ca (317.933 nm)	200.000000	ppm	N/A	N/A	4907587.253135	200.000000
Cd (214.439 nm)		ppm	N/A	N/A	22.561094	
Co (230.786 nm)		ppm	N/A	N/A	15.197288	
Cr (267.716 nm)		ppm	N/A	N/A	39.417888	
Cu (327.395 nm)		ppm	N/A	N/A	11.487496	
Fe (238.204 nm)	100.000000	ppm	N/A	N/A	1108751.976641	100.000000
K (766.491 nm)		ppm	N/A	N/A	60.433534	
Mg (279.800 nm)	200.000000	ppm	N/A	N/A	212276.735413	200.000000
Mn (257.610 nm)		ppm	N/A	N/A	363.186058	
Mo (202.032 nm)		ppm	N/A	N/A	7.435075	
Na (589.592 nm)		ppm	N/A	N/A	10288.331817	
Ni (231.604 nm)		ppm	N/A	N/A	1.486333	
Pb (220.353 nm)		ppm	N/A	N/A	5.831730	
Sb (217.582 nm)		ppm	N/A	N/A	4.765339	
Se (196.026 nm)		ppm	N/A	N/A	4.299873	
Tl (351.923 nm)		ppm	N/A	N/A	14.676758	
V (292.401 nm)		ppm	N/A	N/A	24.297584	
Zn (213.857 nm)		ppm	N/A	N/A	195.697530	

Solution Name: Rinse

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
Rinse	4/2/2024 11:27:10 AM	S1:1	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.000076 u	ppm	0.000137	> 100.00	10.687892	0.000076 u
Al (237.312 nm)	0.021832	ppm	0.008678	39.75	10.387578	0.021832
As (193.696 nm)	-0.001910 u	ppm	0.003140	> 100.00	3.702841	-0.001910 u
Ba (493.408 nm)	0.000027	ppm	0.000014	49.91	678.212298	0.000027
Be (313.042 nm)	0.000013	ppm	0.000002	16.20	83.760104	0.000013
Ca (317.933 nm)	-0.006724 u	ppm	0.000542	8.06	6649.180514	-0.006724 u
Cd (214.439 nm)	0.000211 u	ppm	0.000148	70.26	3.858025	0.000211 u
Co (230.786 nm)	-0.000139 u	ppm	0.000754	> 100.00	7.112908	-0.000139 u
Cr (267.716 nm)	0.000034 u	ppm	0.000181	> 100.00	4.399829	0.000034 u
Cu (327.395 nm)	-0.000041 u	ppm	0.000276	> 100.00	18.135883	-0.000041 u
Fe (238.204 nm)	-0.000050 u	ppm	0.000382	> 100.00	20.086247	-0.000050 u
K (766.491 nm)	-0.000485 u	ppm	0.000554	> 100.00	37.891599	-0.000485 u
Mg (279.800 nm)	-0.001039 u	ppm	0.003049	> 100.00	9.507850	-0.001039 u
Mn (257.610 nm)	-0.000070 u	ppm	0.000017	24.03	27.767526	-0.000070 u
Mo (202.032 nm)	0.000211 u	ppm	0.000352	> 100.00	6.055003	0.000211 u
Na (589.592 nm)	-0.004567 u	ppm	0.000123	2.68	1334.620808	-0.004567 u
Ni (231.604 nm)	-0.000989 u	ppm	0.000583	58.90	0.834254	-0.000989 u
Pb (220.353 nm)	0.000368 u	ppm	0.001839	> 100.00	4.383112	0.000368 u
Sb (217.582 nm)	-0.005611 u	ppm	0.003102	55.28	1.175204	-0.005611 u
Se (196.026 nm)	-0.002680 u	ppm	0.002364	88.21	4.213389	-0.002680 u
Tl (351.923 nm)	0.001021 u	ppm	0.003124	> 100.00	8.772427	0.001021 u
V (292.401 nm)	-0.000090 u	ppm	0.000311	> 100.00	38.559521	-0.000090 u
Zn (213.857 nm)	-0.000204 u	ppm	0.000077	37.67	30.863293	-0.000204 u

Solution Name: SODIUM ONLY

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SODIUM ONLY	4/2/2024 11:31:52 AM	S1:32	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000033 u	ppm	0.000116	> 100.00	8.099803	-0.000033 u
Al (237.312 nm)	0.037535	ppm	0.001672	4.45	22.112885	0.037535
As (193.696 nm)	-0.004395 u	ppm	0.003792	86.28	2.376427	-0.004395 u
Ba (493.408 nm)	0.000044	ppm	0.000006	13.01	692.879405	0.000044
Be (313.042 nm)	0.000005	ppm	0.000002	47.86	74.222122	0.000005
Ca (317.933 nm)	0.002045	ppm	0.000467	22.84	6871.981746	0.002045
Cd (214.439 nm)	0.000227 u	ppm	0.000222	97.84	4.030878	0.000227 u
Co (230.786 nm)	0.000210 u	ppm	0.000348	> 100.00	9.150553	0.000210 u
Cr (267.716 nm)	0.000268	ppm	0.000092	34.18	9.016515	0.000268
Cu (327.395 nm)	-0.000070 u	ppm	0.000174	> 100.00	17.583259	-0.000070 u
Fe (238.204 nm)	0.000806	ppm	0.000872	> 100.00	30.422783	0.000806
K (766.491 nm)	0.002111	ppm	0.000719	34.06	94.379371	0.002111
Mg (279.800 nm)	-0.003065 u	ppm	0.000939	30.63	7.398640	-0.003065 u
Mn (257.610 nm)	-0.000002 u	ppm	0.000013	> 100.00	40.118158	-0.000002 u
Mo (202.032 nm)	-0.000235 u	ppm	0.000122	51.93	4.520560	-0.000235 u
Na (589.592 nm)	91.372001	ppm	0.804909	0.88	15883459.391598	91.372001
Ni (231.604 nm)	0.001192 u	ppm	0.001291	> 100.00	4.934218	0.001192 u
Pb (220.353 nm)	0.000198 u	ppm	0.001133	> 100.00	4.133616	0.000198 u
Sb (217.582 nm)	-0.001321 u	ppm	0.004328	> 100.00	2.924577	-0.001321 u
Se (196.026 nm)	-0.000837 u	ppm	0.001946	> 100.00	5.068188	-0.000837 u
Tl (351.923 nm)	0.002777 u	ppm	0.002572	92.62	10.468598	0.002777 u
V (292.401 nm)	-0.000028 u	ppm	0.000402	> 100.00	39.794930	-0.000028 u
Zn (213.857 nm)	0.001095	ppm	0.000154	14.02	53.798535	0.001095

Solution Name: BARIUM ONLY

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
BARIUM ONLY	4/2/2024 11:35:07 AM	S1:33	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000117 u	ppm	0.000047	40.01	6.118099	-0.000117 u
Al (237.312 nm)	0.034536	ppm	0.004357	12.62	19.873199	0.034536
As (193.696 nm)	-0.002724 u	ppm	0.003429	> 100.00	3.268626	-0.002724 u
Ba (493.408 nm)	10.390345	ppm	0.150981	1.45	8904956.965605	10.390345
Be (313.042 nm)	-0.000002 u	ppm	0.000004	> 100.00	66.398686	-0.000002 u
Ca (317.933 nm)	0.024222	ppm	0.000378	1.56	7435.448707	0.024222
Cd (214.439 nm)	0.000014 u	ppm	0.000244	> 100.00	1.691538	0.000014 u
Co (230.786 nm)	0.000229 u	ppm	0.000517	> 100.00	9.259322	0.000229 u
Cr (267.716 nm)	0.000133 u	ppm	0.000169	> 100.00	6.356446	0.000133 u
Cu (327.395 nm)	-0.000034 u	ppm	0.000303	> 100.00	18.261733	-0.000034 u
Fe (238.204 nm)	0.007365	ppm	0.000282	3.83	109.621799	0.007365
K (766.491 nm)	0.012428	ppm	0.000487	3.92	318.869929	0.012428
Mg (279.800 nm)	0.020692	ppm	0.005689	27.49	32.139179	0.020692
Mn (257.610 nm)	0.000133	ppm	0.000028	20.65	64.841049	0.000133
Mo (202.032 nm)	0.000003 u	ppm	0.000297	> 100.00	5.341170	0.000003 u
Na (589.592 nm)	2.085771	ppm	0.028991	1.39	364655.294680	2.085771
Ni (231.604 nm)	-0.000827 u	ppm	0.000995	> 100.00	1.137925	-0.000827 u
Pb (220.353 nm)	0.001038 u	ppm	0.002045	> 100.00	5.365000	0.001038 u
Sb (217.582 nm)	-0.000414 u	ppm	0.004674	> 100.00	3.294239	-0.000414 u
Se (196.026 nm)	0.000585 u	ppm	0.001164	> 100.00	5.728297	0.000585 u
Tl (351.923 nm)	-0.000510 u	ppm	0.001667	> 100.00	7.293976	-0.000510 u
V (292.401 nm)	-0.000001 u	ppm	0.000315	> 100.00	40.358693	-0.000001 u
Zn (213.857 nm)	0.000094 u	ppm	0.000169	> 100.00	36.119535	0.000094 u

Solution Name: SEQ-ICV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-ICV1	4/2/2024 11:58:03 AM	S1:2	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.376907 Q!	ppm	0.001790	0.47	8951.865654 Q!	0.376907 Q!
Al (237.312 nm)	8.165202 !	ppm	0.017206	0.21	6090.918209 !	8.165202 !
As (193.696 nm)	3.996294 !	ppm	0.005252	0.13	2137.646047 !	3.996294 !
Ba (493.408 nm)	4.036862 !	ppm	0.006987	0.17	3460158.997880 !	4.036862 !
Be (313.042 nm)	1.621422 !	ppm	0.007066	0.44	1918987.770699 !	1.621422 !
Ca (317.933 nm)	41.060969 !	ppm	0.398729	0.97	1050103.561516 !	41.060969 !
Cd (214.439 nm)	1.972472 !	ppm	0.015853	0.80	21755.803121 !	1.972472 !
Co (230.786 nm)	3.999786 !	ppm	0.027883	0.70	23370.497321 !	3.999786 !
Cr (267.716 nm)	3.977067 !	ppm	0.028316	0.71	78575.554075 !	3.977067 !
Cu (327.395 nm)	4.081264 !	ppm	0.021280	0.52	77086.711794 !	4.081264 !
Fe (238.204 nm)	8.311149 !	ppm	0.095365	1.15	100375.684831 !	8.311149 !
K (766.491 nm)	19.455564 !	ppm	0.083067	0.43	423411.624514 !	19.455564 !
Mg (279.800 nm)	40.988541 !	ppm	0.344703	0.84	42697.130167 !	40.988541 !
Mn (257.610 nm)	4.017198 !	ppm	0.027973	0.70	732140.875655 !	4.017198 !
Mo (202.032 nm)	3.946004 !	ppm	0.027724	0.70	13607.576676 !	3.946004 !
Na (589.592 nm)	40.509883 !	ppm	0.121859	0.30	7043135.033887 !	40.509883 !
Ni (231.604 nm)	4.012392 !	ppm	0.030378	0.76	7544.996167 !	4.012392 !
Pb (220.353 nm)	4.003234 !	ppm	0.033277	0.83	5867.496419 !	4.003234 !
Sb (217.582 nm)	4.054628 !	ppm	0.031038	0.77	1656.814491 !	4.054628 !
Se (196.026 nm)	4.063943 !	ppm	0.010858	0.27	1891.088599 !	4.063943 !
Tl (351.923 nm)	3.921678 !	ppm	0.011919	0.30	3795.246830 !	3.921678 !
V (292.401 nm)	3.980224 !	ppm	0.025744	0.65	80500.443752 !	3.980224 !
Zn (213.857 nm)	4.002703 !	ppm	0.045234	1.13	70718.834225 !	4.002703 !

Solution Name: SEQ-ICB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-ICB1	4/2/2024 11:46:25 AM	S1:3	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000161 u	ppm	0.000082	51.02	5.074067	-0.000161 u
Al (237.312 nm)	0.014360	ppm	0.003685	25.66	4.808376	0.014360
As (193.696 nm)	-0.006672 u	ppm	0.001103	16.53	1.161326	-0.006672 u
Ba (493.408 nm)	-0.000038 u	ppm	0.000024	61.93	622.390826	-0.000038 u
Be (313.042 nm)	-0.000051 u	ppm	0.000001	1.58	7.851592	-0.000051 u
Ca (317.933 nm)	-0.000841 u	ppm	0.000568	67.58	6798.663595	-0.000841 u
Cd (214.439 nm)	0.000005 u	ppm	0.000053	> 100.00	1.585328	0.000005 u
Co (230.786 nm)	-0.000923 u	ppm	0.000108	11.74	2.534829	-0.000923 u
Cr (267.716 nm)	0.000136	ppm	0.000054	39.90	6.403602	0.000136
Cu (327.395 nm)	-0.000126 u	ppm	0.000216	> 100.00	16.528805	-0.000126 u
Fe (238.204 nm)	0.000451 u	ppm	0.001770	> 100.00	26.131151	0.000451 u
K (766.491 nm)	-0.001396 u	ppm	0.000352	25.23	18.059564	-0.001396 u
Mg (279.800 nm)	-0.005933 u	ppm	0.001569	26.44	4.411230	-0.005933 u
Mn (257.610 nm)	-0.000102 u	ppm	0.000040	38.99	21.894700	-0.000102 u
Mo (202.032 nm)	0.000661 u	ppm	0.001093	> 100.00	7.609051	0.000661 u
Na (589.592 nm)	-0.006299 u	ppm	0.000341	5.41	1033.535196	-0.006299 u
Ni (231.604 nm)	-0.001213 u	ppm	0.000254	20.94	0.412148	-0.001213 u
Pb (220.353 nm)	-0.001293 u	ppm	0.000973	75.27	1.950442	-0.001293 u
Sb (217.582 nm)	-0.004526 u	ppm	0.001755	38.77	1.617518	-0.004526 u
Se (196.026 nm)	-0.005634 u	ppm	0.001927	34.21	2.842488	-0.005634 u
Tl (351.923 nm)	-0.001006 u	ppm	0.002983	> 100.00	6.815477	-0.001006 u
V (292.401 nm)	-0.001040 u	ppm	0.000209	20.05	19.337297	-0.001040 u
Zn (213.857 nm)	-0.000374 u	ppm	0.000060	16.14	27.863034	-0.000374 u

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 11:49:38 AM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000114 u	ppm	0.000067	59.00	6.186236	-0.000114 u
Al (237.312 nm)	0.016971	ppm	0.007398	43.59	6.757625	0.016971
As (193.696 nm)	-0.001973 u	ppm	0.001830	92.74	3.669102	-0.001973 u
Ba (493.408 nm)	0.000195	ppm	0.000022	11.49	822.392658	0.000195
Be (313.042 nm)	0.000022	ppm	0.000003	14.72	94.381132	0.000022
Ca (317.933 nm)	-0.004786 u	ppm	0.000419	8.75	6698.426785	-0.004786 u
Cd (214.439 nm)	0.000253	ppm	0.000108	42.81	4.318504	0.000253
Co (230.786 nm)	0.000325 u	ppm	0.000406	> 100.00	9.820795	0.000325 u
Cr (267.716 nm)	0.000426	ppm	0.000111	25.99	12.138407	0.000426
Cu (327.395 nm)	0.000117 u	ppm	0.000124	> 100.00	21.109004	0.000117 u
Fe (238.204 nm)	-0.000435 u	ppm	0.000276	63.49	15.440722	-0.000435 u
K (766.491 nm)	0.000464 u	ppm	0.000474	> 100.00	58.534957	0.000464 u
Mg (279.800 nm)	-0.001531 u	ppm	0.002015	> 100.00	8.995566	-0.001531 u
Mn (257.610 nm)	0.000228	ppm	0.000024	10.58	82.076013	0.000228
Mo (202.032 nm)	0.000938 u	ppm	0.000817	87.16	8.560889	0.000938 u
Na (589.592 nm)	0.004998	ppm	0.000158	3.16	2996.966923	0.004998
Ni (231.604 nm)	0.000744 u	ppm	0.000905	> 100.00	4.091049	0.000744 u
Pb (220.353 nm)	0.002008 u	ppm	0.002655	> 100.00	6.785357	0.002008 u
Sb (217.582 nm)	0.002576 u	ppm	0.002757	> 100.00	4.513568	0.002576 u
Se (196.026 nm)	-0.000302 u	ppm	0.001540	> 100.00	5.316678	-0.000302 u
Tl (351.923 nm)	0.000673 u	ppm	0.003654	> 100.00	8.436519	0.000673 u
V (292.401 nm)	0.000193 u	ppm	0.000324	> 100.00	44.273093	0.000193 u
Zn (213.857 nm)	0.000211	ppm	0.000225	> 100.00	38.182493	0.000211

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 11:52:52 AM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.510628	ppm	0.001470	0.29	12124.716545	0.510628
Al (237.312 nm)	10.246469	ppm	0.045612	0.45	7644.969470	10.246469
As (193.696 nm)	5.130200	ppm	0.017645	0.34	2742.840382	5.130200
Ba (493.408 nm)	5.156996	ppm	0.028470	0.55	4420089.921356	5.156996
Be (313.042 nm)	2.069765	ppm	0.007861	0.38	2449592.781203	2.069765
Ca (317.933 nm)	50.761601	ppm	0.421918	0.83	1296578.737159	50.761601
Cd (214.439 nm)	2.468835	ppm	0.016175	0.66	27230.167289	2.468835
Co (230.786 nm)	5.035954	ppm	0.023484	0.47	29422.708188	5.035954
Cr (267.716 nm)	5.040672	ppm	0.019964	0.40	99588.384555	5.040672
Cu (327.395 nm)	5.279452	ppm	0.032231	0.61	99712.474495	5.279452
Fe (238.204 nm)	10.287959	ppm	0.073315	0.71	124245.164737	10.287959
K (766.491 nm)	24.842322	ppm	0.297584	1.20	540630.276369	24.842322
Mg (279.800 nm)	51.005300	ppm	0.235248	0.46	53128.844699	51.005300
Mn (257.610 nm)	5.087630	ppm	0.022573	0.44	927218.079404	5.087630
Mo (202.032 nm)	5.097105	ppm	0.019975	0.39	17575.531679	5.097105
Na (589.592 nm)	51.068299	ppm	0.206143	0.40	8878289.025210	51.068299
Ni (231.604 nm)	5.057370	ppm	0.018930	0.37	9509.295659	5.057370
Pb (220.353 nm)	4.990780	ppm	0.023971	0.48	7313.982623	4.990780
Sb (217.582 nm)	5.125434	ppm	0.035255	0.69	2093.456229	5.125434
Se (196.026 nm)	5.123209	ppm	0.016559	0.32	2382.578027	5.123209
Tl (351.923 nm)	5.029554	ppm	0.019234	0.38	4865.205897	5.029554
V (292.401 nm)	5.083301	ppm	0.019405	0.38	102799.090103	5.083301
Zn (213.857 nm)	5.057387	ppm	0.029256	0.58	89343.666281	5.057387

Solution Name: SEQ-LCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-LCV1	4/2/2024 12:01:37 PM	S1:6	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.010492	ppm	0.000266	2.53	257.834616	0.010492
Al (237.312 nm)	0.238298	ppm	0.007498	3.15	172.019462	0.238298
As (193.696 nm)	0.108917	ppm	0.002137	1.96	62.854278	0.108917
Ba (493.408 nm)	0.109707	ppm	0.001796	1.64	94671.965110	0.109707
Be (313.042 nm)	0.044092	ppm	0.000556	1.26	52250.701706	0.044092
Ca (317.933 nm)	1.120905	ppm	0.008890	0.79	35300.155408	1.120905
Cd (214.439 nm)	0.057001	ppm	0.000541	0.95	630.192378	0.057001
Co (230.786 nm)	0.110204	ppm	0.001499	1.36	651.623358	0.110204
Cr (267.716 nm)	0.110227	ppm	0.001512	1.37	2181.397433	0.110227
Cu (327.395 nm)	0.106194	ppm	0.001745	1.64	2024.202348	0.106194
Fe (238.204 nm)	0.227214	ppm	0.002597	1.14	2764.246038	0.227214
K (766.491 nm)	0.496437	ppm	0.013377	2.69	10851.173286	0.496437
Mg (279.800 nm)	1.096575	ppm	0.011342	1.03	1152.592692	1.096575
Mn (257.610 nm)	0.111803	ppm	0.001275	1.14	20415.740916	0.111803
Mo (202.032 nm)	0.109606	ppm	0.001636	1.49	383.150253	0.109606
Na (589.592 nm)	0.994562	ppm	0.021016	2.11	174992.751394	0.994562
Ni (231.604 nm)	0.111718	ppm	0.001337	1.20	212.695847	0.111718
Pb (220.353 nm)	0.112411	ppm	0.002300	2.05	168.495935	0.112411
Sb (217.582 nm)	0.105775	ppm	0.003990	3.77	46.594620	0.105775
Se (196.026 nm)	0.116923	ppm	0.001331	1.14	59.707698	0.116923
Tl (351.923 nm)	0.107008	ppm	0.004571	4.27	111.132371	0.107008
V (292.401 nm)	0.108502	ppm	0.001402	1.29	2233.732844	0.108502
Zn (213.857 nm)	0.116246	ppm	0.001272	1.09	2087.267488	0.116246

Solution Name: SEQ-IFAB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-IFAB1	4/2/2024 12:04:50 PM	S1:34	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000211 u	ppm	0.000079	37.35	3.873043	-0.000211 u
Al (237.312 nm)	100.780459	ppm	0.245106	0.24	75245.329815	100.780459
As (193.696 nm)	0.000528 u	ppm	0.002190	> 100.00	5.004428	0.000528 u
Ba (493.408 nm)	0.001192	ppm	0.000052	4.37	1676.712921	0.001192
Be (313.042 nm)	0.000386	ppm	0.000003	0.74	524.957558	0.000386
Ca (317.933 nm)	99.431725	ppm	1.109037	1.12	2533196.907311	99.431725
Cd (214.439 nm)	0.002539	ppm	0.000276	10.87	29.539655	0.002539
Co (230.786 nm)	0.001292	ppm	0.000529	40.92	15.468959	0.001292
Cr (267.716 nm)	0.000847	ppm	0.000150	17.74	20.465850	0.000847
Cu (327.395 nm)	-0.000855 u	ppm	0.000079	9.21	2.763804	-0.000855 u
Fe (238.204 nm)	92.252004	ppm	0.746743	0.81	1113940.002054	92.252004
K (766.491 nm)	-0.000107 u	ppm	0.000624	> 100.00	46.121989	-0.000107 u
Mg (279.800 nm)	102.509397	ppm	0.764005	0.75	106766.560513	102.509397
Mn (257.610 nm)	0.001237	ppm	0.000018	1.46	265.917414	0.001237
Mo (202.032 nm)	0.000532 u	ppm	0.000652	> 100.00	7.162938	0.000532 u
Na (589.592 nm)	0.010918	ppm	0.000309	2.83	4026.033795	0.010918
Ni (231.604 nm)	-0.001181 u	ppm	0.000605	51.19	0.473164	-0.001181 u
Pb (220.353 nm)	0.001180 u	ppm	0.002552	> 100.00	5.572538	0.001180 u
Sb (217.582 nm)	-0.004050 u	ppm	0.007277	> 100.00	1.811445	-0.004050 u
Se (196.026 nm)	-0.003522 u	ppm	0.003050	86.59	3.822402	-0.003522 u
Tl (351.923 nm)	-0.007679 u	ppm	0.003418	44.50	0.370355	-0.007679 u
V (292.401 nm)	0.000745	ppm	0.000198	26.54	55.437443	0.000745
Zn (213.857 nm)	0.008812	ppm	0.000032	0.37	190.074104	0.008812

Solution Name: B414024-BLK1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-BLK1	4/2/2024 12:13:44 PM	1:1	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000187 u	ppm	0.000066	35.34	4.461267	-0.000187 u
Al (237.312 nm)	0.028204	ppm	0.007779	27.58	15.145363	0.028204
As (193.696 nm)	-0.000946 u	ppm	0.002965	> 100.00	4.217427	-0.000946 u
Ba (493.408 nm)	0.005254	ppm	0.000083	1.58	5157.342741	0.005254
Be (313.042 nm)	0.000103	ppm	0.000002	2.06	190.854810	0.000103
Ca (317.933 nm)	0.152977	ppm	0.000569	0.37	10706.900025	0.152977
Cd (214.439 nm)	0.000114 u	ppm	0.000170	> 100.00	2.788137	0.000114 u
Co (230.786 nm)	-0.000017 u	ppm	0.000288	> 100.00	7.826858	-0.000017 u
Cr (267.716 nm)	0.001369	ppm	0.000110	8.01	30.773748	0.001369
Cu (327.395 nm)	0.000441	ppm	0.000251	56.77	27.240770	0.000441
Fe (238.204 nm)	0.044793	ppm	0.000527	1.18	561.549647	0.044793
K (766.491 nm)	0.009210	ppm	0.000595	6.46	248.848573	0.009210
Mg (279.800 nm)	0.007321	ppm	0.001436	19.62	18.214739	0.007321
Mn (257.610 nm)	0.000875	ppm	0.000015	1.66	200.024403	0.000875
Mo (202.032 nm)	-0.000520 u	ppm	0.000534	> 100.00	3.538393	-0.000520 u
Na (589.592 nm)	0.019978	ppm	0.000773	3.87	5600.666268	0.019978
Ni (231.604 nm)	-0.000780 u	ppm	0.000274	35.17	1.227729	-0.000780 u
Pb (220.353 nm)	0.030295	ppm	0.001709	5.64	48.218269	0.030295
Sb (217.582 nm)	-0.001895 u	ppm	0.002694	> 100.00	2.690324	-0.001895 u
Se (196.026 nm)	0.007259	ppm	0.004003	55.14	8.825065	0.007259
Tl (351.923 nm)	-0.003161 u	ppm	0.006373	> 100.00	4.734328	-0.003161 u
V (292.401 nm)	-0.000097 u	ppm	0.000117	> 100.00	38.408492	-0.000097 u
Zn (213.857 nm)	0.010174	ppm	0.000232	2.28	214.123771	0.010174

Solution Name: B414024-BLK2

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-BLK2	4/2/2024 12:16:57 PM	1:2	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000162 u	ppm	0.000138	85.24	5.056383	-0.000162 u
Al (237.312 nm)	0.027912	ppm	0.007398	26.51	14.926921	0.027912
As (193.696 nm)	0.001007 u	ppm	0.001104	> 100.00	5.259760	0.001007 u
Ba (493.408 nm)	0.006872	ppm	0.000073	1.07	6544.358293	0.006872
Be (313.042 nm)	0.000100	ppm	0.000001	1.30	186.194930	0.000100
Ca (317.933 nm)	0.101856	ppm	0.001182	1.16	9407.995201	0.101856
Cd (214.439 nm)	0.000154 u	ppm	0.000161	> 100.00	3.226523	0.000154 u
Co (230.786 nm)	-0.000101 u	ppm	0.000229	> 100.00	7.333678	-0.000101 u
Cr (267.716 nm)	0.001327	ppm	0.000126	9.50	29.944686	0.001327
Cu (327.395 nm)	0.003875	ppm	0.000568	14.66	92.072453	0.003875
Fe (238.204 nm)	0.075590	ppm	0.000673	0.89	933.418957	0.075590
K (766.491 nm)	0.005497	ppm	0.001158	21.07	168.055780	0.005497
Mg (279.800 nm)	0.006771	ppm	0.000908	13.40	17.641923	0.006771
Mn (257.610 nm)	0.000931	ppm	0.000017	1.81	210.221536	0.000931
Mo (202.032 nm)	0.000951	ppm	0.000361	38.02	8.606397	0.000951
Na (589.592 nm)	0.022368	ppm	0.000391	1.75	6016.193489	0.022368
Ni (231.604 nm)	0.000125 u	ppm	0.000878	> 100.00	2.927974	0.000125 u
Pb (220.353 nm)	0.010265	ppm	0.000494	4.81	18.879306	0.010265
Sb (217.582 nm)	-0.005260 u	ppm	0.002082	39.58	1.317996	-0.005260 u
Se (196.026 nm)	0.002115 u	ppm	0.003830	> 100.00	6.438224	0.002115 u
Tl (351.923 nm)	0.000524 u	ppm	0.006744	> 100.00	8.292950	0.000524 u
V (292.401 nm)	0.000029 u	ppm	0.000137	> 100.00	40.954953	0.000029 u
Zn (213.857 nm)	0.040249	ppm	0.000054	0.14	745.221852	0.040249

Solution Name: B414024-BS1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-BS1	4/2/2024 12:20:09 PM	1:3	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.456360	ppm	0.006799	1.49	10837.085545	0.456360
Al (237.312 nm)	6.977131	ppm	0.109305	1.57	5203.803892	6.977131
As (193.696 nm)	1.752652	ppm	0.023501	1.34	940.157510	1.752652
Ba (493.408 nm)	1.860367	ppm	0.029718	1.60	1594949.766640	1.860367
Be (313.042 nm)	1.825262	ppm	0.026192	1.43	2160228.979021	1.825262
Ca (317.933 nm)	18.947225	ppm	0.242239	1.28	488234.098086	18.947225
Cd (214.439 nm)	1.803924	ppm	0.023836	1.32	19896.895950	1.803924
Co (230.786 nm)	1.814056	ppm	0.026690	1.47	10603.746506	1.814056
Cr (267.716 nm)	1.827400	ppm	0.027611	1.51	36106.243622	1.827400
Cu (327.395 nm)	1.830812	ppm	0.042086	2.30	34590.710786	1.830812
Fe (238.204 nm)	7.461945	ppm	0.117492	1.57	90121.761106	7.461945
K (766.491 nm)	6.318484	ppm	0.119805	1.90	137541.935436	6.318484
Mg (279.800 nm)	17.519575	ppm	0.260741	1.49	18255.934443	17.519575
Mn (257.610 nm)	1.839661	ppm	0.026877	1.46	335303.196105	1.839661
Mo (202.032 nm)	1.813656	ppm	0.027558	1.52	6257.172792	1.813656
Na (589.592 nm)	7.364912	ppm	0.117715	1.60	1282220.756404	7.364912
Ni (231.604 nm)	1.805937	ppm	0.026693	1.48	3397.406301	1.805937
Pb (220.353 nm)	1.757558	ppm	0.026168	1.49	2578.189898	1.757558
Sb (217.582 nm)	1.735113	ppm	0.025863	1.49	710.988327	1.735113
Se (196.026 nm)	1.639267	ppm	0.023656	1.44	766.061378	1.639267
Tl (351.923 nm)	1.718802	ppm	0.027609	1.61	1667.763722	1.718802
V (292.401 nm)	1.839559	ppm	0.028643	1.56	37226.985892	1.839559
Zn (213.857 nm)	1.762170	ppm	0.027617	1.57	31152.901495	1.762170

Solution Name: B414024-MRL1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-MRL1	4/2/2024 12:23:22 PM	1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.010572	ppm	0.000210	1.99	259.742095	0.010572
Al (237.312 nm)	0.546807	ppm	0.008575	1.57	402.378029	0.546807
As (193.696 nm)	0.037785	ppm	0.000688	1.82	24.888988	0.037785
Ba (493.408 nm)	0.046793	ppm	0.000537	1.15	40755.463373	0.046793
Be (313.042 nm)	0.044918	ppm	0.000413	0.92	53228.351713	0.044918
Ca (317.933 nm)	1.910993	ppm	0.013938	0.73	55374.846659	1.910993
Cd (214.439 nm)	0.044922	ppm	0.000398	0.88	496.977019	0.044922
Co (230.786 nm)	0.044135	ppm	0.001025	2.32	265.714297	0.044135
Cr (267.716 nm)	0.046410	ppm	0.000548	1.18	920.619355	0.046410
Cu (327.395 nm)	0.044378	ppm	0.000839	1.89	856.903269	0.044378
Fe (238.204 nm)	0.638315	ppm	0.004889	0.77	7728.177648	0.638315
K (766.491 nm)	0.441271	ppm	0.008305	1.88	9650.719393	0.441271
Mg (279.800 nm)	0.440450	ppm	0.003001	0.68	469.286045	0.440450
Mn (257.610 nm)	0.047350	ppm	0.000408	0.86	8669.760901	0.047350
Mo (202.032 nm)	0.045142	ppm	0.000871	1.93	160.939199	0.045142
Na (589.592 nm)	0.998910	ppm	0.012452	1.25	175748.512326	0.998910
Ni (231.604 nm)	0.043441	ppm	0.001357	3.12	84.351614	0.043441
Pb (220.353 nm)	0.046808	ppm	0.001657	3.54	72.405649	0.046808
Sb (217.582 nm)	0.038528	ppm	0.000930	2.41	19.173770	0.038528
Se (196.026 nm)	0.044230	ppm	0.004019	9.09	25.979063	0.044230
Tl (351.923 nm)	0.040900	ppm	0.007361	18.00	47.287421	0.040900
V (292.401 nm)	0.045344	ppm	0.000554	1.22	956.990291	0.045344
Zn (213.857 nm)	0.049607	ppm	0.000478	0.96	910.476364	0.049607

Solution Name: B414024-SRM1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-SRM1	4/2/2024 12:26:36 PM	1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.368460	ppm	0.002940	0.80	8751.459122	0.368460
Al (237.312 nm)	37.885275	ppm	0.360022	0.95	28282.447388	37.885275
As (193.696 nm)	0.594400	ppm	0.004172	0.70	321.968610	0.594400
Ba (493.408 nm)	1.539812	ppm	0.014256	0.93	1320240.893137	1.539812
Be (313.042 nm)	0.504941	ppm	0.004066	0.81	597655.193093	0.504941
Ca (317.933 nm)	22.943517	ppm	0.181389	0.79	589772.495001	22.943517
Cd (214.439 nm)	0.533304	ppm	0.003896	0.73	5883.304745	0.533304
Co (230.786 nm)	0.674097	ppm	0.006557	0.97	3945.294205	0.674097
Cr (267.716 nm)	0.672095	ppm	0.005665	0.84	13281.783036	0.672095
Cu (327.395 nm)	1.100178	ppm	0.010690	0.97	20793.917791	1.100178
Fe (238.204 nm)	37.685680	ppm	0.308284	0.82	455065.619968	37.685680
K (766.491 nm)	7.431612	ppm	0.094503	1.27	161764.179441	7.431612
Mg (279.800 nm)	9.737505	ppm	0.082539	0.85	10151.483010	9.737505
Mn (257.610 nm)	1.912680	ppm	0.014679	0.77	348610.350346	1.912680
Mo (202.032 nm)	0.548341	ppm	0.004531	0.83	1895.511089	0.548341
Na (589.592 nm)	2.336067	ppm	0.026686	1.14	408159.178062	2.336067
Ni (231.604 nm)	0.773158	ppm	0.006724	0.87	1456.037761	0.773158
Pb (220.353 nm)	0.964250	ppm	0.009940	1.03	1416.209413	0.964250
Sb (217.582 nm)	0.531349	ppm	0.006052	1.14	220.130550	0.531349
Se (196.026 nm)	0.669932	ppm	0.001961	0.29	316.298899	0.669932
Tl (351.923 nm)	0.390917	ppm	0.003434	0.88	385.325162	0.390917
V (292.401 nm)	0.752288	ppm	0.006168	0.82	15247.846077	0.752288
Zn (213.857 nm)	0.902157	ppm	0.006325	0.70	15965.795827	0.902157

Solution Name: 4032817-01

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
4032817-01	4/2/2024 12:36:15 PM	1:8	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000341 u	ppm	0.000186	54.65	0.805236	-0.000341 u
Al (237.312 nm)	155.093267	ppm	2.127410	1.37	115799.882404	155.093267
As (193.696 nm)	0.084915	ppm	0.005083	5.99	50.043784	0.084915
Ba (493.408 nm)	0.708796	ppm	0.009329	1.32	608077.711358	0.708796
Be (313.042 nm)	0.004467	ppm	0.000059	1.32	5355.491734	0.004467
Ca (317.933 nm)	101.330941	ppm	1.272029	1.26	2581452.469788	101.330941
Cd (214.439 nm)	0.008014	ppm	0.000275	3.43	89.913559	0.008014
Co (230.786 nm)	0.065578	ppm	0.000975	1.49	390.959652	0.065578
Cr (267.716 nm)	0.247666	ppm	0.002993	1.21	4896.676738	0.247666
Cu (327.395 nm)	0.302526	ppm	0.004040	1.34	5731.606727	0.302526
Fe (238.204 nm)	165.112389 o	ppm	2.240955	1.36	1993710.490488	165.112389 o
K (766.491 nm)	16.231741	ppm	0.206391	1.27	353259.568443	16.231741
Mg (279.800 nm)	45.644983	ppm	0.580456	1.27	47546.470860	45.644983
Mn (257.610 nm)	2.960045	ppm	0.039233	1.33	539483.777818	2.960045
Mo (202.032 nm)	0.007931	ppm	0.000485	6.12	32.669772	0.007931
Na (589.592 nm)	1.673990	ppm	0.020846	1.25	293083.938652	1.673990
Ni (231.604 nm)	0.140415	ppm	0.001676	1.19	266.637981	0.140415
Pb (220.353 nm)	0.506906	ppm	0.006862	1.35	746.324539	0.506906
Sb (217.582 nm)	0.000158 u	ppm	0.006837	> 100.00	3.527672	0.000158 u
Se (196.026 nm)	0.004738 u	ppm	0.006266	> 100.00	7.654919	0.004738 u
Tl (351.923 nm)	0.015778	ppm	0.006771	42.92	23.024362	0.015778
V (292.401 nm)	0.406308	ppm	0.005451	1.34	8253.863787	0.406308
Zn (213.857 nm)	0.876824	ppm	0.010355	1.18	15518.435714	0.876824

Solution Name: 4032817-02

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
4032817-02	4/2/2024 12:39:28 PM	1:9	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000133 u	ppm	0.000097	72.83	5.725801	-0.000133 u
Al (237.312 nm)	168.973735	ppm	2.015799	1.19	126164.217717	168.973735
As (193.696 nm)	0.053580	ppm	0.007139	13.33	33.319188	0.053580
Ba (493.408 nm)	0.926060	ppm	0.011406	1.23	794268.810965	0.926060
Be (313.042 nm)	0.005474	ppm	0.000062	1.14	6547.079042	0.005474
Ca (317.933 nm)	139.317258	ppm	1.252056	0.90	3546614.775484	139.317258
Cd (214.439 nm)	0.009995	ppm	0.000084	0.84	111.766255	0.009995
Co (230.786 nm)	0.099840	ppm	0.001409	1.41	591.086739	0.099840
Cr (267.716 nm)	0.285560	ppm	0.003574	1.25	5645.309927	0.285560
Cu (327.395 nm)	0.507824	ppm	0.006860	1.35	9608.312730	0.507824
Fe (238.204 nm)	192.970960 o	ppm	2.435965	1.26	2330095.599677	192.970960 o
K (766.491 nm)	24.970544	ppm	0.282443	1.13	543420.457828	24.970544
Mg (279.800 nm)	58.878244	ppm	0.651133	1.11	61327.935240	58.878244
Mn (257.610 nm)	4.239397	ppm	0.044933	1.06	772634.887193	4.239397
Mo (202.032 nm)	0.007652	ppm	0.000816	10.67	31.706106	0.007652
Na (589.592 nm)	4.683655	ppm	0.050332	1.07	816192.616567	4.683655
Ni (231.604 nm)	0.206545	ppm	0.003362	1.63	390.946966	0.206545
Pb (220.353 nm)	0.814146	ppm	0.006334	0.78	1196.346666	0.814146
Sb (217.582 nm)	-0.000360 u	ppm	0.006628	> 100.00	3.316291	-0.000360 u
Se (196.026 nm)	0.000089 u	ppm	0.004717	> 100.00	5.497986	0.000089 u
Tl (351.923 nm)	0.014661	ppm	0.001676	11.43	21.946109	0.014661
V (292.401 nm)	0.572731	ppm	0.006510	1.14	11618.097288	0.572731
Zn (213.857 nm)	1.068996	ppm	0.010961	1.03	18912.040993	1.068996

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 12:45:54 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.498308	ppm	0.001492	0.30	11832.391076	0.498308
Al (237.312 nm)	9.936856	ppm	0.053659	0.54	7413.785428	9.936856
As (193.696 nm)	5.042462	ppm	0.015619	0.31	2696.012514	5.042462
Ba (493.408 nm)	5.027799	ppm	0.024588	0.49	4309370.823477	5.027799
Be (313.042 nm)	2.038276	ppm	0.008589	0.42	2412326.059634	2.038276
Ca (317.933 nm)	50.709565	ppm	0.260360	0.51	1295256.616652	50.709565
Cd (214.439 nm)	2.438093	ppm	0.011343	0.47	26891.113361	2.438093
Co (230.786 nm)	4.951211	ppm	0.021403	0.43	28927.727280	4.951211
Cr (267.716 nm)	4.953096	ppm	0.019495	0.39	97858.216318	4.953096
Cu (327.395 nm)	5.126124	ppm	0.049420	0.96	96817.134126	5.126124
Fe (238.204 nm)	10.103339	ppm	0.059321	0.59	122015.924169	10.103339
K (766.491 nm)	23.909715	ppm	0.170735	0.71	520336.268728	23.909715
Mg (279.800 nm)	50.271830	ppm	0.237745	0.47	52364.990714	50.271830
Mn (257.610 nm)	5.001094	ppm	0.021724	0.43	911447.698679	5.001094
Mo (202.032 nm)	5.022497	ppm	0.018095	0.36	17318.348207	5.022497
Na (589.592 nm)	49.666541	ppm	0.196522	0.40	8634650.041989	49.666541
Ni (231.604 nm)	4.976843	ppm	0.016159	0.32	9357.924967	4.976843
Pb (220.353 nm)	4.904680	ppm	0.025272	0.52	7187.869533	4.904680
Sb (217.582 nm)	4.993198	ppm	0.026033	0.52	2039.534310	4.993198
Se (196.026 nm)	5.004417	ppm	0.028472	0.57	2327.459439	5.004417
Tl (351.923 nm)	4.894171	ppm	0.018598	0.38	4734.456156	4.894171
V (292.401 nm)	4.992972	ppm	0.017747	0.36	100973.093143	4.992972
Zn (213.857 nm)	4.974618	ppm	0.018169	0.37	87882.042735	4.974618

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 12:49:08 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.000014 u	ppm	0.000152	> 100.00	9.230527	0.000014 u
Al (237.312 nm)	0.017330	ppm	0.006306	36.39	7.025777	0.017330
As (193.696 nm)	-0.001613 u	ppm	0.001834	> 100.00	3.861506	-0.001613 u
Ba (493.408 nm)	0.000451	ppm	0.000030	6.60	1041.638319	0.000451
Be (313.042 nm)	0.000164	ppm	0.000013	7.81	262.286509	0.000164
Ca (317.933 nm)	0.002090	ppm	0.000905	43.28	6873.134689	0.002090
Cd (214.439 nm)	0.000380	ppm	0.000097	25.66	5.718980	0.000380
Co (230.786 nm)	0.000437	ppm	0.000266	60.96	10.473433	0.000437
Cr (267.716 nm)	0.000538	ppm	0.000265	49.27	14.348455	0.000538
Cu (327.395 nm)	-0.000029 u	ppm	0.000291	> 100.00	18.354147	-0.000029 u
Fe (238.204 nm)	0.000004 u	ppm	0.000301	> 100.00	20.738229	0.000004 u
K (766.491 nm)	0.000902	ppm	0.000351	38.91	68.076609	0.000902
Mg (279.800 nm)	0.003450 u	ppm	0.004098	> 100.00	14.183667	0.003450 u
Mn (257.610 nm)	0.000462	ppm	0.000045	9.66	124.809306	0.000462
Mo (202.032 nm)	0.000919	ppm	0.000058	6.30	8.497962	0.000919
Na (589.592 nm)	0.007064	ppm	0.000436	6.17	3356.046506	0.007064
Ni (231.604 nm)	0.000415 u	ppm	0.000645	> 100.00	3.472764	0.000415 u
Pb (220.353 nm)	-0.000572 u	ppm	0.001822	> 100.00	3.006739	-0.000572 u
Sb (217.582 nm)	0.007583	ppm	0.002714	35.79	6.554990	0.007583
Se (196.026 nm)	-0.002999 u	ppm	0.009287	> 100.00	4.065168	-0.002999 u
Tl (351.923 nm)	-0.006600 u	ppm	0.001720	26.06	1.412998	-0.006600 u
V (292.401 nm)	0.000309 u	ppm	0.000433	> 100.00	46.624421	0.000309 u
Zn (213.857 nm)	0.000763	ppm	0.000133	17.42	47.943866	0.000763

Solution Name: B414024-MS1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-MS1	4/2/2024 12:52:21 PM	1:11	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.426654	ppm	0.006868	1.61	10132.242311	0.426654
Al (237.312 nm)	178.527630	ppm	3.106183	1.74	133297.966650	178.527630
As (193.696 nm)	1.617467	ppm	0.033805	2.09	868.005432	1.617467
Ba (493.408 nm)	2.649339	ppm	0.050558	1.91	2271081.975741	2.649339
Be (313.042 nm)	1.631054	ppm	0.028482	1.75	1930386.958844	1.631054
Ca (317.933 nm)	158.299244	ppm	2.267247	1.43	4028912.045171	158.299244
Cd (214.439 nm)	1.573843	ppm	0.020716	1.32	17359.351332	1.573843
Co (230.786 nm)	1.657056	ppm	0.027613	1.67	9686.716566	1.657056
Cr (267.716 nm)	1.883760	ppm	0.031260	1.66	37219.705673	1.883760
Cu (327.395 nm)	2.151550	ppm	0.037409	1.74	40647.301118	2.151550
Fe (238.204 nm)	200.314786 o	ppm	3.118359	1.56	2418770.419442	200.314786 o
K (766.491 nm)	28.993863	ppm	0.576204	1.99	630969.962402	28.993863
Mg (279.800 nm)	75.636591	ppm	1.198356	1.58	78780.516153	75.636591
Mn (257.610 nm)	5.988477	ppm	0.099829	1.67	1091389.871659	5.988477
Mo (202.032 nm)	1.587193	ppm	0.024941	1.57	5476.533172	1.587193
Na (589.592 nm)	10.087860	ppm	0.184641	1.83	1755495.308822	10.087860
Ni (231.604 nm)	1.748280	ppm	0.031375	1.79	3289.026432	1.748280
Pb (220.353 nm)	2.309239	ppm	0.029964	1.30	3386.252158	2.309239
Sb (217.582 nm)	1.020310	ppm	0.027911	2.74	419.513660	1.020310
Se (196.026 nm)	1.490898	ppm	0.026561	1.78	697.219669	1.490898
Tl (351.923 nm)	1.621129	ppm	0.032411	2.00	1573.432927	1.621129
V (292.401 nm)	2.065956	ppm	0.034928	1.69	41803.588767	2.065956
Zn (213.857 nm)	2.657960	ppm	0.043087	1.62	46971.800825	2.657960

Solution Name: B414024-mSD1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-mSD1	4/2/2024 12:55:35 PM	1:12	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.424114	ppm	0.005749	1.36	10071.974284	0.424114
Al (237.312 nm)	155.330344	ppm	2.657891	1.71	115976.904162	155.330344
As (193.696 nm)	1.602196	ppm	0.030404	1.90	859.855046	1.602196
Ba (493.408 nm)	2.531830	ppm	0.044547	1.76	2170379.064006	2.531830
Be (313.042 nm)	1.633252	ppm	0.022292	1.36	1932988.211145	1.633252
Ca (317.933 nm)	126.289835	ppm	1.360395	1.08	3215611.966218	126.289835
Cd (214.439 nm)	1.591630	ppm	0.019691	1.24	17555.523723	1.591630
Co (230.786 nm)	1.667780	ppm	0.023895	1.43	9749.353863	1.667780
Cr (267.716 nm)	1.863201	ppm	0.026843	1.44	36813.538386	1.863201
Cu (327.395 nm)	2.075610	ppm	0.037583	1.81	39213.318530	2.075610
Fe (238.204 nm)	179.031206 o	ppm	2.058097	1.15	2161776.639783	179.031206 o
K (766.491 nm)	26.425910	ppm	0.520222	1.97	575089.965163	26.425910
Mg (279.800 nm)	63.107238	ppm	0.784297	1.24	65732.120202	63.107238
Mn (257.610 nm)	5.570339	ppm	0.069775	1.25	1015187.742909	5.570339
Mo (202.032 nm)	1.590268	ppm	0.022807	1.43	5487.134197	1.590268
Na (589.592 nm)	9.571905	ppm	0.173693	1.81	1665817.334002	9.571905
Ni (231.604 nm)	1.749488	ppm	0.023810	1.36	3291.296273	1.749488
Pb (220.353 nm)	2.353729	ppm	0.027206	1.16	3451.418645	2.353729
Sb (217.582 nm)	1.049271	ppm	0.009177	0.87	431.323222	1.049271
Se (196.026 nm)	1.480776	ppm	0.018799	1.27	692.523165	1.480776
Tl (351.923 nm)	1.607456	ppm	0.027622	1.72	1560.228296	1.607456
V (292.401 nm)	2.016455	ppm	0.030331	1.50	40802.918047	2.016455
Zn (213.857 nm)	2.547479	ppm	0.029675	1.16	45020.794322	2.547479

Solution Name: 4032817-02@10

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
4032817-02@10	4/2/2024 1:05:23 PM	1:13	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000159 u	ppm	0.000116	72.86	5.104889	-0.000159 u
Al (237.312 nm)	20.508384	ppm	0.192038	0.94	15307.385615	20.508384
As (193.696 nm)	0.002421 u	ppm	0.002137	88.27	6.014646	0.002421 u
Ba (493.408 nm)	0.107763	ppm	0.001025	0.95	93005.286638	0.107763
Be (313.042 nm)	0.000514	ppm	0.000007	1.33	676.727765	0.000514
Ca (317.933 nm)	17.092255	ppm	0.080366	0.47	441102.715635	17.092255
Cd (214.439 nm)	0.001114	ppm	0.000133	11.93	13.819698	0.001114
Co (230.786 nm)	0.011934	ppm	0.000608	5.10	77.630176	0.011934
Cr (267.716 nm)	0.033571	ppm	0.000336	1.00	666.968165	0.033571
Cu (327.395 nm)	0.054974	ppm	0.000430	0.78	1056.997548	0.054974
Fe (238.204 nm)	31.007616	ppm	0.215969	0.70	374429.715419	31.007616
K (766.491 nm)	2.999527	ppm	0.027325	0.91	65319.704908	2.999527
Mg (279.800 nm)	7.054625	ppm	0.038226	0.54	7357.461416	7.054625
Mn (257.610 nm)	0.508047	ppm	0.003306	0.65	92627.755748	0.508047
Mo (202.032 nm)	0.000769	ppm	0.000517	67.15	7.981644	0.000769
Na (589.592 nm)	0.467524	ppm	0.004273	0.91	83388.451585	0.467524
Ni (231.604 nm)	0.022780	ppm	0.002030	8.91	45.513478	0.022780
Pb (220.353 nm)	0.098829	ppm	0.001075	1.09	148.601934	0.098829
Sb (217.582 nm)	-0.001207 u	ppm	0.002244	> 100.00	2.970741	-0.001207 u
Se (196.026 nm)	-0.002975 u	ppm	0.003490	> 100.00	4.076278	-0.002975 u
Tl (351.923 nm)	0.003099 u	ppm	0.004738	> 100.00	10.779547	0.003099 u
V (292.401 nm)	0.066433	ppm	0.000540	0.81	1383.315923	0.066433
Zn (213.857 nm)	0.132894	ppm	0.000712	0.54	2381.258330	0.132894

Solution Name: B414024-MS1@10

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-MS1@10	4/2/2024 1:08:36 PM	1:14	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.055808	ppm	0.000304	0.55	1333.062138	0.055808
Al (237.312 nm)	24.963463	ppm	0.181050	0.73	18633.926201	24.963463
As (193.696 nm)	0.218126	ppm	0.005213	2.39	121.141793	0.218126
Ba (493.408 nm)	0.355534	ppm	0.002842	0.80	305340.292887	0.355534
Be (313.042 nm)	0.218312	ppm	0.000898	0.41	258436.625364	0.218312
Ca (317.933 nm)	22.311638	ppm	0.009541	0.04	573717.610726	22.311638
Cd (214.439 nm)	0.223029	ppm	0.000214	0.10	2461.301777	0.223029
Co (230.786 nm)	0.232233	ppm	0.001383	0.60	1364.384454	0.232233
Cr (267.716 nm)	0.255149	ppm	0.000941	0.37	5044.513127	0.255149
Cu (327.395 nm)	0.270973	ppm	0.002032	0.75	5135.770763	0.270973
Fe (238.204 nm)	36.302291	ppm	0.090770	0.25	438361.552365	36.302291
K (766.491 nm)	4.041309	ppm	0.038351	0.95	87989.425359	4.041309
Mg (279.800 nm)	10.384339	ppm	0.030464	0.29	10825.112458	10.384339
Mn (257.610 nm)	0.829794	ppm	0.002587	0.31	151263.513779	0.829794
Mo (202.032 nm)	0.212013	ppm	0.000659	0.31	736.157417	0.212013
Na (589.592 nm)	1.166145	ppm	0.009740	0.84	204815.519849	1.166145
Ni (231.604 nm)	0.244307	ppm	0.002008	0.82	461.929106	0.244307
Pb (220.353 nm)	0.328028	ppm	0.003193	0.97	484.315712	0.328028
Sb (217.582 nm)	0.137336	ppm	0.003181	2.32	59.464615	0.137336
Se (196.026 nm)	0.217533	ppm	0.004172	1.92	106.390171	0.217533
Tl (351.923 nm)	0.209522	ppm	0.006294	3.00	210.138276	0.209522
V (292.401 nm)	0.277159	ppm	0.001330	0.48	5643.129537	0.277159
Zn (213.857 nm)	0.376500	ppm	0.001165	0.31	6683.137684	0.376500

Solution Name: B414024-mSD1@10

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B414024-mSD1@10	4/2/2024 1:11:49 PM	1:15	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.059720	ppm	0.000338	0.57	1425.872659	0.059720
Al (237.312 nm)	23.347888	ppm	0.110518	0.47	17427.600151	23.347888
As (193.696 nm)	0.232462	ppm	0.004701	2.02	128.793464	0.232462
Ba (493.408 nm)	0.364798	ppm	0.001660	0.45	313278.837188	0.364798
Be (313.042 nm)	0.233256	ppm	0.000446	0.19	276122.450133	0.233256
Ca (317.933 nm)	18.822112	ppm	0.094774	0.50	485055.209681	18.822112
Cd (214.439 nm)	0.240196	ppm	0.001370	0.57	2650.642133	0.240196
Co (230.786 nm)	0.248026	ppm	0.001302	0.52	1456.631908	0.248026
Cr (267.716 nm)	0.269078	ppm	0.001159	0.43	5319.698334	0.269078
Cu (327.395 nm)	0.281679	ppm	0.001793	0.64	5337.936341	0.281679
Fe (238.204 nm)	33.074649	ppm	0.155902	0.47	399388.610163	33.074649
K (766.491 nm)	3.990546	ppm	0.034468	0.86	86884.796262	3.990546
Mg (279.800 nm)	9.264708	ppm	0.023561	0.25	9659.100234	9.264708
Mn (257.610 nm)	0.821524	ppm	0.002198	0.27	149756.312668	0.821524
Mo (202.032 nm)	0.229287	ppm	0.000499	0.22	795.704102	0.229287
Na (589.592 nm)	1.191410	ppm	0.007965	0.67	209206.822452	1.191410
Ni (231.604 nm)	0.260473	ppm	0.003227	1.24	492.318452	0.260473
Pb (220.353 nm)	0.354428	ppm	0.002176	0.61	522.985103	0.354428
Sb (217.582 nm)	0.156221	ppm	0.009238	5.91	67.165090	0.156221
Se (196.026 nm)	0.234298	ppm	0.004745	2.03	114.168873	0.234298
Tl (351.923 nm)	0.224684	ppm	0.012844	5.72	224.781484	0.224684
V (292.401 nm)	0.288604	ppm	0.000789	0.27	5874.485975	0.288604
Zn (213.857 nm)	0.385952	ppm	0.001089	0.28	6850.053300	0.385952

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 2:47:41 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.519481 !	ppm	0.005195	1.00	12334.758653 !	0.519481 !
Al (237.312 nm)	10.507401 !	ppm	0.103579	0.99	7839.803157 !	10.507401 !
As (193.696 nm)	5.209969 !	ppm	0.053714	1.03	2785.415166 !	5.209969 !
Ba (493.408 nm)	5.331992 !	ppm	0.053441	1.00	4570057.148070 !	5.331992 !
Be (313.042 nm)	2.091752 !	ppm	0.024518	1.17	2475613.594791 !	2.091752 !
Ca (317.933 nm)	51.038961 !	ppm	0.564729	1.11	1303625.961949 !	51.038961 !
Cd (214.439 nm)	2.477708 !	ppm	0.031386	1.27	27328.027235 !	2.477708 !
Co (230.786 nm)	5.092827 !	ppm	0.052498	1.03	29754.899926 !	5.092827 !
Cr (267.716 nm)	5.068952 !	ppm	0.058396	1.15	100147.090185 !	5.068952 !
Cu (327.395 nm)	5.384916 !	ppm	0.068272	1.27	101703.990725 !	5.384916 !
Fe (238.204 nm)	10.383503 !	ppm	0.134731	1.30	125398.827158 !	10.383503 !
K (766.491 nm)	26.415998 !	ppm	0.182091	0.69	574874.291797 !	26.415998 !
Mg (279.800 nm)	51.227874 !	ppm	0.622635	1.22	53360.639021 !	51.227874 !
Mn (257.610 nm)	5.148018 !	ppm	0.050496	0.98	938223.322274 !	5.148018 !
Mo (202.032 nm)	5.176426 !	ppm	0.056978	1.10	17848.957965 !	5.176426 !
Na (589.592 nm)	52.389605 !	ppm	0.523017	1.00	9107944.682671 !	52.389605 !
Ni (231.604 nm)	5.105199 !	ppm	0.057457	1.13	9599.202804 !	5.105199 !
Pb (220.353 nm)	5.044741 !	ppm	0.057776	1.15	7393.020670 !	5.044741 !
Sb (217.582 nm)	5.221057 !	ppm	0.051024	0.98	2132.448389 !	5.221057 !
Se (196.026 nm)	5.176642 !	ppm	0.050890	0.98	2407.370281 !	5.176642 !
Tl (351.923 nm)	5.130947 !	ppm	0.043750	0.85	4963.128198 !	5.130947 !
V (292.401 nm)	5.159317 !	ppm	0.059613	1.16	104335.752361 !	5.159317 !
Zn (213.857 nm)	5.109817 !	ppm	0.060899	1.19	90269.542284 !	5.109817 !

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 2:50:54 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000002 !u	ppm	0.000063	> 100.00	8.837197 !	-0.000002 !u
Al (237.312 nm)	0.038451 !	ppm	0.006229	16.20	22.796454 !	0.038451 !
As (193.696 nm)	-0.004130 !u	ppm	0.001463	35.42	2.518127 !	-0.004130 !u
Ba (493.408 nm)	0.000119 !	ppm	0.000021	17.85	757.184959 !	0.000119 !
Be (313.042 nm)	0.000009 !	ppm	0.000003	37.37	79.425068 !	0.000009 !
Ca (317.933 nm)	-0.010865 !u	ppm	0.000388	3.57	6543.960695 !	-0.010865 !u
Cd (214.439 nm)	0.000080 !u	ppm	0.000183	> 100.00	2.416882 !	0.000080 !u
Co (230.786 nm)	0.000108 !u	ppm	0.000465	> 100.00	8.553935 !	0.000108 !u
Cr (267.716 nm)	0.000336 !u	ppm	0.000319	95.14	10.352098 !	0.000336 !u
Cu (327.395 nm)	-0.000298 !u	ppm	0.000140	47.08	13.278041 !	-0.000298 !u
Fe (238.204 nm)	-0.000312 !u	ppm	0.000179	57.48	16.921736 !	-0.000312 !u
K (766.491 nm)	-0.000213 !u	ppm	0.000295	> 100.00	43.808210 !	-0.000213 !u
Mg (279.800 nm)	0.033682 !	ppm	0.004640	13.78	45.667593 !	0.033682 !
Mn (257.610 nm)	-0.000037 !u	ppm	0.000023	62.91	33.884905 !	-0.000037 !u
Mo (202.032 nm)	0.000661 !u	ppm	0.000906	> 100.00	7.609380 !	0.000661 !u
Na (589.592 nm)	-0.002696 !u	ppm	0.000092	3.43	1659.748240 !	-0.002696 !u
Ni (231.604 nm)	-0.000317 !u	ppm	0.000874	> 100.00	2.097340 !	-0.000317 !u
Pb (220.353 nm)	0.000676 !u	ppm	0.002060	> 100.00	4.835014 !	0.000676 !u
Sb (217.582 nm)	0.002494 !u	ppm	0.004366	> 100.00	4.479891 !	0.002494 !u
Se (196.026 nm)	-0.001552 !u	ppm	0.002521	> 100.00	4.736410 !	-0.001552 !u
Tl (351.923 nm)	0.002240 !u	ppm	0.002582	> 100.00	9.950297 !	0.002240 !u
V (292.401 nm)	-0.000369 !u	ppm	0.000083	22.34	32.901692 !	-0.000369 !u
Zn (213.857 nm)	0.003523 !	ppm	0.000724	20.56	96.682334 !	0.003523 !

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 4:11:04 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.512301	ppm	0.009022	1.76	12164.396279	0.512301
Al (237.312 nm)	10.093905	ppm	0.175552	1.74	7531.052073	10.093905
As (193.696 nm)	5.072855	ppm	0.096605	1.90	2712.234122	5.072855
Ba (493.408 nm)	5.319583	ppm	0.081089	1.52	4559423.188754	5.319583
Be (313.042 nm)	2.034627	ppm	0.037703	1.85	2408007.998890	2.034627
Ca (317.933 nm)	49.236281	ppm	0.975434	1.98	1257823.170529	49.236281
Cd (214.439 nm)	2.364912	ppm	0.047393	2.00	26083.999431	2.364912
Co (230.786 nm)	4.947870	ppm	0.094503	1.91	28908.211907	4.947870
Cr (267.716 nm)	4.937979	ppm	0.098490	1.99	97559.555785	4.937979
Cu (327.395 nm)	5.360093	ppm	0.099657	1.86	101235.244779	5.360093
Fe (238.204 nm)	9.849069	ppm	0.200708	2.04	118945.676422	9.849069
K (766.491 nm)	26.392359	ppm	0.346662	1.31	574359.894359	26.392359
Mg (279.800 nm)	49.493462	ppm	0.971262	1.96	51554.377882	49.493462
Mn (257.610 nm)	5.031614	ppm	0.099778	1.98	917009.760427	5.031614
Mo (202.032 nm)	5.054420	ppm	0.096601	1.91	17428.392794	5.054420
Na (589.592 nm)	52.009404	ppm	0.778323	1.50	9041862.138205	52.009404
Ni (231.604 nm)	4.956313	ppm	0.096917	1.96	9319.333875	4.956313
Pb (220.353 nm)	4.875130	ppm	0.094669	1.94	7144.586719	4.875130
Sb (217.582 nm)	5.077397	ppm	0.088739	1.75	2073.868235	5.077397
Se (196.026 nm)	5.035557	ppm	0.074744	1.48	2341.908140	5.035557
Tl (351.923 nm)	5.085215	ppm	0.077826	1.53	4918.961513	5.085215
V (292.401 nm)	5.053605	ppm	0.099187	1.96	102198.795841	5.053605
Zn (213.857 nm)	4.960083	ppm	0.096651	1.95	87625.369320	4.960083

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 4:13:40 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.000037 u	ppm	0.000196	> 100.00	9.774173	0.000037 u
Al (237.312 nm)	0.016158	ppm	0.001192	7.38	6.150658	0.016158
As (193.696 nm)	-0.002276 u	ppm	0.003504	> 100.00	3.507383	-0.002276 u
Ba (493.408 nm)	0.000095	ppm	0.000017	18.04	736.122328	0.000095
Be (313.042 nm)	0.000113	ppm	0.000009	7.59	202.107053	0.000113
Ca (317.933 nm)	-0.013077 u	ppm	0.000252	1.93	6487.754133	-0.013077 u
Cd (214.439 nm)	0.000003 u	ppm	0.000133	> 100.00	1.567509	0.000003 u
Co (230.786 nm)	0.000323	ppm	0.000167	51.77	9.808924	0.000323
Cr (267.716 nm)	0.000321	ppm	0.000151	47.17	10.061507	0.000321
Cu (327.395 nm)	-0.000252 u	ppm	0.000280	> 100.00	14.143360	-0.000252 u
Fe (238.204 nm)	-0.000162 u	ppm	0.000119	73.28	18.733294	-0.000162 u
K (766.491 nm)	0.000001 u	ppm	0.000743	> 100.00	48.470066	0.000001 u
Mg (279.800 nm)	-0.002518 u	ppm	0.000536	21.27	7.968463	-0.002518 u
Mn (257.610 nm)	0.000008 u	ppm	0.000018	> 100.00	41.944884	0.000008 u
Mo (202.032 nm)	0.001426	ppm	0.000518	36.30	10.243439	0.001426
Na (589.592 nm)	-0.002709 u	ppm	0.000140	5.17	1657.452839	-0.002709 u
Ni (231.604 nm)	-0.000136 u	ppm	0.000872	> 100.00	2.438275	-0.000136 u
Pb (220.353 nm)	0.000625 u	ppm	0.000951	> 100.00	4.760083	0.000625 u
Sb (217.582 nm)	0.004644	ppm	0.002641	56.88	5.356737	0.004644
Se (196.026 nm)	-0.002287 u	ppm	0.003382	> 100.00	4.395801	-0.002287 u
Tl (351.923 nm)	-0.001684 u	ppm	0.004823	> 100.00	6.160285	-0.001684 u
V (292.401 nm)	-0.000366 u	ppm	0.000186	50.66	32.966417	-0.000366 u
Zn (213.857 nm)	-0.000268 u	ppm	0.000124	46.23	29.735585	-0.000268 u

Solution Name: B413198-BLK1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B413198-BLK1	4/2/2024 4:30:06 PM	1:43	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.000084 !u	ppm	0.000291	> 100.00	10.873857 !	0.000084 !u
Al (237.312 nm)	0.024341 !	ppm	0.001816	7.46	12.261128 !	0.024341 !
As (193.696 nm)	-0.001857 !u	ppm	0.001448	77.95	3.730970 !	-0.001857 !u
Ba (493.408 nm)	0.000180 !	ppm	0.000024	13.22	809.043321 !	0.000180 !
Be (313.042 nm)	0.000085 !	ppm	0.000002	2.04	169.069852 !	0.000085 !
Ca (317.933 nm)	0.004317 !u	ppm	0.004069	94.25	6929.720773 !	0.004317 !u
Cd (214.439 nm)	0.000058 !u	ppm	0.000059	> 100.00	2.173462 !	0.000058 !u
Co (230.786 nm)	0.000049 !u	ppm	0.000665	> 100.00	8.209664 !	0.000049 !u
Cr (267.716 nm)	0.000185 !	ppm	0.000150	80.91	7.374496 !	0.000185 !
Cu (327.395 nm)	0.000439 !u	ppm	0.000478	> 100.00	27.196214 !	0.000439 !u
Fe (238.204 nm)	0.010474 !	ppm	0.003715	35.47	147.166271 !	0.010474 !
K (766.491 nm)	0.000487 !u	ppm	0.000793	> 100.00	59.035491 !	0.000487 !u
Mg (279.800 nm)	-0.003020 !u	ppm	0.002585	85.58	7.444844 !	-0.003020 !u
Mn (257.610 nm)	0.000929 !	ppm	0.000065	7.01	209.846631 !	0.000929 !
Mo (202.032 nm)	-0.000423 !u	ppm	0.000123	29.01	3.871779 !	-0.000423 !u
Na (589.592 nm)	0.005094 !	ppm	0.000501	9.84	3013.669856 !	0.005094 !
Ni (231.604 nm)	0.000129 !u	ppm	0.000717	> 100.00	2.935460 !	0.000129 !u
Pb (220.353 nm)	0.001256 !u	ppm	0.001998	> 100.00	5.683777 !	0.001256 !u
Sb (217.582 nm)	-0.002243 !u	ppm	0.004153	> 100.00	2.548568 !	-0.002243 !u
Se (196.026 nm)	0.001885 !u	ppm	0.002173	> 100.00	6.331203 !	0.001885 !u
Tl (351.923 nm)	0.002091 !u	ppm	0.005271	> 100.00	9.805793 !	0.002091 !u
V (292.401 nm)	-0.000368 !u	ppm	0.000301	81.58	32.922870 !	-0.000368 !u
Zn (213.857 nm)	0.000698 !	ppm	0.000143	20.48	46.787456 !	0.000698 !

Solution Name: B413198-BS1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B413198-BS1	4/2/2024 4:32:42 PM	1:44	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.515639	ppm	0.014898	2.89	12243.618797	0.515639
Al (237.312 nm)	7.619512	ppm	0.212249	2.79	5683.460177	7.619512
As (193.696 nm)	1.972728	ppm	0.053512	2.71	1057.617287	1.972728
Ba (493.408 nm)	2.121726	ppm	0.057102	2.69	1818928.231334	2.121726
Be (313.042 nm)	1.979497	ppm	0.057786	2.92	2342762.349194	1.979497
Ca (317.933 nm)	19.611899	ppm	0.637302	3.25	505122.221763	19.611899
Cd (214.439 nm)	1.899298	ppm	0.057327	3.02	20948.775058	1.899298
Co (230.786 nm)	1.950438	ppm	0.059865	3.07	11400.343698	1.950438
Cr (267.716 nm)	1.929368	ppm	0.058482	3.03	38120.759093	1.929368
Cu (327.395 nm)	2.031383	ppm	0.054579	2.69	38378.153161	2.031383
Fe (238.204 nm)	7.725421	ppm	0.232054	3.00	93303.172308	7.725421
K (766.491 nm)	8.185343	ppm	0.170010	2.08	178165.766052	8.185343
Mg (279.800 nm)	19.178606	ppm	0.579860	3.02	19983.692889	19.178606
Mn (257.610 nm)	1.973298	ppm	0.059145	3.00	359657.363414	1.973298
Mo (202.032 nm)	1.929253	ppm	0.057464	2.98	6655.645252	1.929253
Na (589.592 nm)	8.667788	ppm	0.210289	2.43	1508673.152948	8.667788
Ni (231.604 nm)	1.945091	ppm	0.058399	3.00	3658.982169	1.945091
Pb (220.353 nm)	1.897448	ppm	0.057362	3.02	2783.089979	1.897448
Sb (217.582 nm)	1.966402	ppm	0.057572	2.93	805.300672	1.966402
Se (196.026 nm)	1.940470	ppm	0.060982	3.14	905.816864	1.940470
Tl (351.923 nm)	1.989659	ppm	0.055958	2.81	1929.350661	1.989659
V (292.401 nm)	1.966357	ppm	0.056709	2.88	39790.191544	1.966357
Zn (213.857 nm)	1.943346	ppm	0.058129	2.99	34352.329218	1.943346

Solution Name: B413198-SRM1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B413198-SRM1	4/2/2024 4:35:18 PM	1:45	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.025833	ppm	0.000864	3.34	621.825095	0.025833
Al (237.312 nm)	0.425557	ppm	0.019682	4.62	311.843047	0.425557
As (193.696 nm)	0.095635	ppm	0.003803	3.98	55.765147	0.095635
Ba (493.408 nm)	0.108661	ppm	0.003606	3.32	93774.806820	0.108661
Be (313.042 nm)	0.100799	ppm	0.003222	3.20	119361.362927	0.100799
Ca (317.933 nm)	0.993593	ppm	0.030396	3.06	32065.388110	0.993593
Cd (214.439 nm)	0.098633	ppm	0.003465	3.51	1089.350147	0.098633
Co (230.786 nm)	0.099530	ppm	0.003253	3.27	589.272425	0.099530
Cr (267.716 nm)	0.099380	ppm	0.003090	3.11	1967.101977	0.099380
Cu (327.395 nm)	0.101038	ppm	0.003514	3.48	1926.848128	0.101038
Fe (238.204 nm)	0.377287	ppm	0.012117	3.21	4576.330057	0.377287
K (766.491 nm)	0.398038	ppm	0.010052	2.53	8709.944841	0.398038
Mg (279.800 nm)	0.964745	ppm	0.027554	2.86	1015.300787	0.964745
Mn (257.610 nm)	0.101771	ppm	0.003208	3.15	18587.412689	0.101771
Mo (202.032 nm)	0.098047	ppm	0.002948	3.01	343.306746	0.098047
Na (589.592 nm)	0.415979	ppm	0.011696	2.81	74429.419512	0.415979
Ni (231.604 nm)	0.097882	ppm	0.002979	3.04	186.687201	0.097882
Pb (220.353 nm)	0.097969	ppm	0.005009	5.11	147.342121	0.097969
Sb (217.582 nm)	0.097381	ppm	0.003356	3.45	43.171976	0.097381
Se (196.026 nm)	0.100243	ppm	0.005992	5.98	51.968620	0.100243
Tl (351.923 nm)	0.097677	ppm	0.006687	6.85	102.120817	0.097677
V (292.401 nm)	0.099203	ppm	0.002864	2.89	2045.754095	0.099203
Zn (213.857 nm)	0.101507	ppm	0.003303	3.25	1826.995569	0.101507

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 4:50:55 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.495204	ppm	0.012530	2.53	11758.747362	0.495204
Al (237.312 nm)	9.178894	ppm	0.237064	2.58	6847.826745	9.178894
As (193.696 nm)	4.907811	ppm	0.127920	2.61	2624.145606	4.907811
Ba (493.408 nm)	5.135242	ppm	0.120680	2.35	4401447.030286	5.135242
Be (313.042 nm)	1.970706	ppm	0.051792	2.63	2332358.482933	1.970706
Ca (317.933 nm)	47.821606	ppm	1.385638	2.90	1221878.898726	47.821606
Cd (214.439 nm)	2.295818	ppm	0.062576	2.73	25321.969376	2.295818
Co (230.786 nm)	4.790184	ppm	0.127613	2.66	27987.175891	4.790184
Cr (267.716 nm)	4.773263	ppm	0.129289	2.71	94305.391712	4.773263
Cu (327.395 nm)	5.147095	ppm	0.116993	2.27	97213.133209	5.147095
Fe (238.204 nm)	9.517178	ppm	0.252628	2.65	114938.176548	9.517178
K (766.491 nm)	25.480827	ppm	0.468089	1.84	554524.468709	25.480827
Mg (279.800 nm)	47.931026	ppm	1.286489	2.68	49927.215207	47.931026
Mn (257.610 nm)	4.867372	ppm	0.128013	2.63	887078.086064	4.867372
Mo (202.032 nm)	4.894413	ppm	0.135252	2.76	16876.833788	4.894413
Na (589.592 nm)	50.320210	ppm	1.147654	2.28	8748264.006009	50.320210
Ni (231.604 nm)	4.803362	ppm	0.127850	2.66	9031.824059	4.803362
Pb (220.353 nm)	4.714202	ppm	0.130555	2.77	6908.871566	4.714202
Sb (217.582 nm)	4.898422	ppm	0.118421	2.42	2000.887837	4.898422
Se (196.026 nm)	4.875322	ppm	0.120689	2.48	2267.560865	4.875322
Tl (351.923 nm)	4.915453	ppm	0.117739	2.40	4755.009428	4.915453
V (292.401 nm)	4.886803	ppm	0.127765	2.61	98826.893983	4.886803
Zn (213.857 nm)	4.799077	ppm	0.120266	2.51	84782.125285	4.799077

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 4:53:31 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000014 u	ppm	0.000102	> 100.00	8.562900	-0.000014 u
Al (237.312 nm)	0.017111	ppm	0.004670	27.29	6.862455	0.017111
As (193.696 nm)	-0.003306 u	ppm	0.001679	50.79	2.957694	-0.003306 u
Ba (493.408 nm)	0.000657	ppm	0.000227	34.48	1218.121522	0.000657
Be (313.042 nm)	0.000264	ppm	0.000060	22.59	381.106143	0.000264
Ca (317.933 nm)	-0.009241 u	ppm	0.002025	21.91	6585.216785	-0.009241 u
Cd (214.439 nm)	0.000373	ppm	0.000215	57.79	5.643447	0.000373
Co (230.786 nm)	0.000372 u	ppm	0.000745	> 100.00	10.097881	0.000372 u
Cr (267.716 nm)	0.000580	ppm	0.000264	45.49	15.179627	0.000580
Cu (327.395 nm)	0.000322	ppm	0.000243	75.43	24.980830	0.000322
Fe (238.204 nm)	-0.000403 u	ppm	0.000306	75.84	15.819484	-0.000403 u
K (766.491 nm)	0.001698	ppm	0.001203	70.86	85.382925	0.001698
Mg (279.800 nm)	0.001403	ppm	0.001300	92.66	12.051429	0.001403
Mn (257.610 nm)	0.000497	ppm	0.000156	31.40	131.114550	0.000497
Mo (202.032 nm)	0.001362	ppm	0.000642	47.15	10.024358	0.001362
Na (589.592 nm)	0.004646	ppm	0.002433	52.36	2935.850807	0.004646
Ni (231.604 nm)	-0.000410 u	ppm	0.000812	> 100.00	1.923088	-0.000410 u
Pb (220.353 nm)	0.000929 u	ppm	0.001196	> 100.00	5.204818	0.000929 u
Sb (217.582 nm)	0.003028	ppm	0.001969	65.03	4.697771	0.003028
Se (196.026 nm)	-0.000714 u	ppm	0.002506	> 100.00	5.125434	-0.000714 u
Tl (351.923 nm)	0.002490 u	ppm	0.006982	> 100.00	10.191954	0.002490 u
V (292.401 nm)	0.000232 u	ppm	0.000463	> 100.00	45.064795	0.000232 u
Zn (213.857 nm)	0.000157	ppm	0.000045	28.87	37.236085	0.000157

Solution Name: 4032817-10

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
4032817-10	4/2/2024 5:02:59 PM	1:53	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000168 !u	ppm	0.000056	33.56	4.910195 !	-0.000168 !u
Al (237.312 nm)	0.115685 !	ppm	0.004903	4.24	80.466071 !	0.115685 !
As (193.696 nm)	-0.003455 !u	ppm	0.003764	> 100.00	2.878460 !	-0.003455 !u
Ba (493.408 nm)	0.000456 !	ppm	0.000017	3.75	1045.618241 !	0.000456 !
Be (313.042 nm)	0.000125 !	ppm	0.000003	2.65	215.857831 !	0.000125 !
Ca (317.933 nm)	0.009681 !	ppm	0.001496	15.46	7065.992051 !	0.009681 !
Cd (214.439 nm)	-0.000093 !u	ppm	0.000123	> 100.00	0.505346 !	-0.000093 !u
Co (230.786 nm)	-0.000515 !u	ppm	0.000290	56.21	4.914438 !	-0.000515 !u
Cr (267.716 nm)	0.000594 !	ppm	0.000181	30.57	15.451523 !	0.000594 !
Cu (327.395 nm)	-0.000323 !u	ppm	0.000217	67.17	12.807245 !	-0.000323 !u
Fe (238.204 nm)	0.005140 !	ppm	0.000645	12.54	82.757782 !	0.005140 !
K (766.491 nm)	-0.000068 !u	ppm	0.000570	> 100.00	46.949823 !	-0.000068 !u
Mg (279.800 nm)	-0.001065 !u	ppm	0.004063	> 100.00	9.480865 !	-0.001065 !u
Mn (257.610 nm)	0.000426 !	ppm	0.000012	2.75	118.237986 !	0.000426 !
Mo (202.032 nm)	-0.000228 !u	ppm	0.000759	> 100.00	4.544624 !	-0.000228 !u
Na (589.592 nm)	0.020910 !	ppm	0.000944	4.51	5762.762324 !	0.020910 !
Ni (231.604 nm)	-0.001060 !u	ppm	0.000230	21.66	0.701524 !	-0.001060 !u
Pb (220.353 nm)	0.001060 !u	ppm	0.001076	> 100.00	5.396925 !	0.001060 !u
Sb (217.582 nm)	-0.004548 !u	ppm	0.003010	66.19	1.608572 !	-0.004548 !u
Se (196.026 nm)	-0.002434 !u	ppm	0.004448	> 100.00	4.327465 !	-0.002434 !u
Tl (351.923 nm)	-0.000226 !u	ppm	0.004776	> 100.00	7.568306 !	-0.000226 !u
V (292.401 nm)	-0.000420 !u	ppm	0.000104	24.80	31.874373 !	-0.000420 !u
Zn (213.857 nm)	0.000766 !	ppm	0.000091	11.93	47.992320 !	0.000766 !

Solution Name: B413198-MS1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B413198-MS1	4/2/2024 5:05:35 PM	1:54	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.513648	ppm	0.012896	2.51	12196.361422	0.513648
Al (237.312 nm)	7.825291	ppm	0.202705	2.59	5837.112101	7.825291
As (193.696 nm)	1.969999	ppm	0.052610	2.67	1056.160791	1.969999
Ba (493.408 nm)	2.124283	ppm	0.053843	2.53	1821119.936174	2.124283
Be (313.042 nm)	1.979083	ppm	0.059101	2.99	2342272.080872	1.979083
Ca (317.933 nm)	19.629398	ppm	0.626604	3.19	505566.854103	19.629398
Cd (214.439 nm)	1.895012	ppm	0.056226	2.97	20901.503428	1.895012
Co (230.786 nm)	1.950104	ppm	0.055302	2.84	11398.393206	1.950104
Cr (267.716 nm)	1.926894	ppm	0.056475	2.93	38071.868928	1.926894
Cu (327.395 nm)	2.019477	ppm	0.052521	2.60	38153.327197	2.019477
Fe (238.204 nm)	7.625430	ppm	0.224039	2.94	92095.799414	7.625430
K (766.491 nm)	8.117474	ppm	0.144876	1.78	176688.885919	8.117474
Mg (279.800 nm)	19.146965	ppm	0.552729	2.89	19950.740742	19.146965
Mn (257.610 nm)	1.972926	ppm	0.055828	2.83	359589.562607	1.972926
Mo (202.032 nm)	1.931028	ppm	0.054237	2.81	6661.764129	1.931028
Na (589.592 nm)	8.620785	ppm	0.190085	2.20	1500503.546991	8.620785
Ni (231.604 nm)	1.944650	ppm	0.057362	2.95	3658.152355	1.944650
Pb (220.353 nm)	1.892108	ppm	0.054081	2.86	2775.269098	1.892108
Sb (217.582 nm)	1.949249	ppm	0.051790	2.66	798.306353	1.949249
Se (196.026 nm)	1.936512	ppm	0.046569	2.40	903.980224	1.936512
Tl (351.923 nm)	1.983229	ppm	0.044893	2.26	1923.139898	1.983229
V (292.401 nm)	1.965173	ppm	0.054982	2.80	39766.270938	1.965173
Zn (213.857 nm)	1.934701	ppm	0.055243	2.86	34199.650395	1.934701

Solution Name: B413198-MSD1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
B413198-MSD1	4/2/2024 5:08:10 PM	1:55	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.504989	ppm	0.017484	3.46	11990.909158	0.504989
Al (237.312 nm)	7.171533	ppm	0.259812	3.62	5348.961206	7.171533
As (193.696 nm)	1.934087	ppm	0.069252	3.58	1036.993938	1.934087
Ba (493.408 nm)	2.090829	ppm	0.070896	3.39	1792450.152948	2.090829
Be (313.042 nm)	1.949619	ppm	0.070114	3.60	2307402.041124	1.949619
Ca (317.933 nm)	19.293357	ppm	0.745280	3.86	497028.653849	19.293357
Cd (214.439 nm)	1.862512	ppm	0.068236	3.66	20543.060427	1.862512
Co (230.786 nm)	1.914976	ppm	0.070076	3.66	11193.214762	1.914976
Cr (267.716 nm)	1.893794	ppm	0.070360	3.72	37417.949879	1.893794
Cu (327.395 nm)	1.979862	ppm	0.071238	3.60	37405.268088	1.979862
Fe (238.204 nm)	7.458705	ppm	0.276747	3.71	90082.639527	7.458705
K (766.491 nm)	7.977351	ppm	0.210246	2.64	173639.732571	7.977351
Mg (279.800 nm)	18.809775	ppm	0.694598	3.69	19599.582841	18.809775
Mn (257.610 nm)	1.940620	ppm	0.070456	3.63	353702.068588	1.940620
Mo (202.032 nm)	1.899076	ppm	0.070288	3.70	6551.624045	1.899076
Na (589.592 nm)	8.482101	ppm	0.258916	3.05	1476398.961170	8.482101
Ni (231.604 nm)	1.910802	ppm	0.070476	3.69	3594.528135	1.910802
Pb (220.353 nm)	1.858882	ppm	0.064121	3.45	2726.602387	1.858882
Sb (217.582 nm)	1.917253	ppm	0.069687	3.63	785.259445	1.917253
Se (196.026 nm)	1.905052	ppm	0.059908	3.14	889.383314	1.905052
Tl (351.923 nm)	1.948098	ppm	0.065686	3.37	1889.211585	1.948098
V (292.401 nm)	1.932741	ppm	0.068504	3.54	39110.645972	1.932741
Zn (213.857 nm)	1.901412	ppm	0.071575	3.76	33611.793698	1.901412

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/2/2024 5:17:20 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.497051	ppm	0.014501	2.92	11802.569327	0.497051
Al (237.312 nm)	9.389904	ppm	0.265495	2.83	7005.384666	9.389904
As (193.696 nm)	4.916214	ppm	0.142502	2.90	2628.630749	4.916214
Ba (493.408 nm)	5.192665	ppm	0.141987	2.73	4450656.868809	5.192665
Be (313.042 nm)	1.989418	ppm	0.064439	3.24	2354504.177448	1.989418
Ca (317.933 nm)	48.087062	ppm	1.687107	3.51	1228623.643320	48.087062
Cd (214.439 nm)	2.302097	ppm	0.077559	3.37	25391.222364	2.302097
Co (230.786 nm)	4.804345	ppm	0.152453	3.17	28069.889633	4.804345
Cr (267.716 nm)	4.788977	ppm	0.155013	3.24	94615.837781	4.788977
Cu (327.395 nm)	5.180380	ppm	0.127659	2.46	97841.670454	5.180380
Fe (238.204 nm)	9.268534	ppm	0.310139	3.35	111935.858417	9.268534
K (766.491 nm)	25.378779	ppm	0.486809	1.92	552303.860955	25.378779
Mg (279.800 nm)	48.132538	ppm	1.584131	3.29	50137.076010	48.132538
Mn (257.610 nm)	4.892934	ppm	0.155244	3.17	891736.385724	4.892934
Mo (202.032 nm)	4.918917	ppm	0.155137	3.15	16961.299241	4.918917
Na (589.592 nm)	50.660256	ppm	1.283671	2.53	8807367.271592	50.660256
Ni (231.604 nm)	4.825982	ppm	0.150768	3.12	9074.343450	4.825982
Pb (220.353 nm)	4.718703	ppm	0.151990	3.22	6915.463338	4.718703
Sb (217.582 nm)	4.885023	ppm	0.140602	2.88	1995.423847	4.885023
Se (196.026 nm)	4.887885	ppm	0.135948	2.78	2273.389969	4.887885
Tl (351.923 nm)	4.951231	ppm	0.135101	2.73	4789.563198	4.951231
V (292.401 nm)	4.903811	ppm	0.149611	3.05	99170.716133	4.903811
Zn (213.857 nm)	4.799095	ppm	0.161537	3.37	84782.450246	4.799095

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/2/2024 5:19:56 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000158 u	ppm	0.000091	57.15	5.129944	-0.000158 u
Al (237.312 nm)	0.013773	ppm	0.003906	28.36	4.369721	0.013773
As (193.696 nm)	-0.003475 u	ppm	0.002886	83.06	2.867652	-0.003475 u
Ba (493.408 nm)	0.000215	ppm	0.000020	9.38	839.611063	0.000215
Be (313.042 nm)	-0.000788 u	ppm	0.000023	2.91	-864.724306	-0.000788 u
Ca (317.933 nm)	-0.018169 u	ppm	0.000202	1.11	6358.383229	-0.018169 u
Cd (214.439 nm)	0.000119	ppm	0.000069	57.91	2.842657	0.000119
Co (230.786 nm)	-0.000054 u	ppm	0.000436	> 100.00	7.606227	-0.000054 u
Cr (267.716 nm)	0.000273	ppm	0.000143	52.39	9.107507	0.000273
Cu (327.395 nm)	-0.000037 u	ppm	0.000298	> 100.00	18.201690	-0.000037 u
Fe (238.204 nm)	-0.000835 u	ppm	0.000305	36.53	10.602787	-0.000835 u
K (766.491 nm)	0.000501 u	ppm	0.000493	98.34	59.340628	0.000501 u
Mg (279.800 nm)	-0.001986 u	ppm	0.002068	> 100.00	8.521946	-0.001986 u
Mn (257.610 nm)	0.000091	ppm	0.000028	31.05	57.213728	0.000091
Mo (202.032 nm)	0.001671	ppm	0.000364	21.77	11.087883	0.001671
Na (589.592 nm)	-0.001642 u	ppm	0.000213	12.95	1842.958904	-0.001642 u
Ni (231.604 nm)	-0.000079 u	ppm	0.000275	> 100.00	2.543837	-0.000079 u
Pb (220.353 nm)	-0.000060 u	ppm	0.000712	> 100.00	3.755818	-0.000060 u
Sb (217.582 nm)	-0.000209 u	ppm	0.002885	> 100.00	3.377899	-0.000209 u
Se (196.026 nm)	-0.001465 u	ppm	0.002076	> 100.00	4.777116	-0.001465 u
Tl (351.923 nm)	0.004813 u	ppm	0.005195	> 100.00	12.434766	0.004813 u
V (292.401 nm)	-0.000027 u	ppm	0.000101	> 100.00	39.829066	-0.000027 u
Zn (213.857 nm)	-0.000214 u	ppm	0.000083	38.68	30.688656	-0.000214 u

Solution Name: SEQ-CCV1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCV1	4/3/2024 4:19:19 PM	S1:5	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.550048 Q	ppm	0.002553	0.46	8435.376969 Q	0.550048 Q
Al (237.312 nm)	9.521342	ppm	0.052802	0.55	12118.644788	9.521342
As (193.696 nm)	5.333910	ppm	0.026325	0.49	2419.325741	5.333910
Ba (493.408 nm)	4.809241	ppm	0.017001	0.35	3801768.861302	4.809241
Be (313.042 nm)	2.180426	ppm	0.012106	0.56	2245022.108190	2.180426
Ca (317.933 nm)	51.620171	ppm	0.401281	0.78	1211735.505328	51.620171
Cd (214.439 nm)	2.694386	ppm	0.021177	0.79	25554.634608	2.694386
Co (230.786 nm)	5.273529	ppm	0.037256	0.71	26381.367434	5.273529
Cr (267.716 nm)	4.968812	ppm	0.034812	0.70	88040.475817	4.968812
Cu (327.395 nm)	4.662349	ppm	0.023868	0.51	79196.978174	4.662349
Fe (238.204 nm)	10.613429	ppm	0.051355	0.48	190379.684213	10.613429
K (766.491 nm)	24.106364	ppm	0.040240	0.17	967783.732480	24.106364
Mg (279.800 nm)	62.620348 Q	ppm	0.438334	0.70	19940.434601 Q	62.620348 Q
Mn (257.610 nm)	5.118564	ppm	0.037671	0.74	825305.498055	5.118564
Mo (202.032 nm)	5.114011	ppm	0.034560	0.68	15692.133787	5.114011
Na (589.592 nm)	47.463186	ppm	0.252589	0.53	7609544.970694	47.463186
Ni (231.604 nm)	5.306501	ppm	0.038928	0.73	8736.514449	5.306501
Pb (220.353 nm)	5.099979	ppm	0.038630	0.76	6435.390415	5.099979
Sb (217.582 nm)	5.111973	ppm	0.036076	0.71	2013.715010	5.111973
Se (196.026 nm)	5.230728	ppm	0.032900	0.63	2036.393241	5.230728
Tl (351.923 nm)	4.898933	ppm	0.015094	0.31	4180.593156	4.898933
V (292.401 nm)	5.003582	ppm	0.034233	0.68	90269.882653	5.003582
Zn (213.857 nm)	4.931831	ppm	0.030910	0.63	73823.727460	4.931831

Solution Name: SEQ-CCB1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-CCB1	4/3/2024 4:27:04 PM	S1:4	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	-0.000113 u	ppm	0.000410	> 100.00	10.311219	-0.000113 u
Al (237.312 nm)	-0.000568 u	ppm	0.002155	> 100.00	4.218899	-0.000568 u
As (193.696 nm)	0.002376 u	ppm	0.001846	77.66	3.142996	0.002376 u
Ba (493.408 nm)	-0.000018 u	ppm	0.000020	> 100.00	794.148153	-0.000018 u
Be (313.042 nm)	0.000040	ppm	0.000004	10.32	65.049396	0.000040
Ca (317.933 nm)	-0.024803 u	ppm	0.000519	2.09	7010.792436	-0.024803 u
Cd (214.439 nm)	0.000154 u	ppm	0.000148	95.78	4.537275	0.000154 u
Co (230.786 nm)	-0.001019 u	ppm	0.000495	48.54	4.703896	-0.001019 u
Cr (267.716 nm)	0.000437	ppm	0.000132	30.24	9.914979	0.000437
Cu (327.395 nm)	-0.000239 u	ppm	0.000358	> 100.00	15.274936	-0.000239 u
Fe (238.204 nm)	0.000381	ppm	0.000142	37.21	29.419122	0.000381
K (766.491 nm)	0.000833	ppm	0.000691	83.02	239.952181	0.000833
Mg (279.800 nm)	-0.002559 u	ppm	0.012947	> 100.00	7.920640	-0.002559 u
Mn (257.610 nm)	0.000046	ppm	0.000028	60.57	39.554189	0.000046
Mo (202.032 nm)	0.000489	ppm	0.000282	57.63	5.245764	0.000489
Na (589.592 nm)	0.005271	ppm	0.000482	9.14	3974.559983	0.005271
Ni (231.604 nm)	-0.000278 u	ppm	0.000749	> 100.00	2.120308	-0.000278 u
Pb (220.353 nm)	0.002070	ppm	0.000863	41.67	7.069444	0.002070
Sb (217.582 nm)	-0.003535 u	ppm	0.004599	> 100.00	3.802721	-0.003535 u
Se (196.026 nm)	0.001375 u	ppm	0.004293	> 100.00	5.228669	0.001375 u
Tl (351.923 nm)	0.001979 u	ppm	0.008984	> 100.00	5.094723	0.001979 u
V (292.401 nm)	-0.000222 u	ppm	0.000492	> 100.00	40.312859	-0.000222 u
Zn (213.857 nm)	0.000599	ppm	0.000180	30.00	57.522322	0.000599

Solution Name: SEQ-BLK1

Solution Name	Date	Rack:Tube	Weight (g)	Volume (mL)	Dilution
SEQ-BLK1	4/2/2024 11:01:17 AM	S1:24	1	1	1

Label	Solution Concentration	Unit	Conc SD	Conc %RSD	Intensity (c/s)	Adjusted Concentration
Ag (328.068 nm)	0.000000	ppm	N/A	N/A	8.888409	0.000000
Al (237.312 nm)	0.000000	ppm	N/A	N/A	105.321603	0.000000
As (193.696 nm)	0.000000	ppm	N/A	N/A	4.722358	0.000000
Ba (493.408 nm)	0.000000	ppm	N/A	N/A	655.013551	0.000000
Be (313.042 nm)	0.000000	ppm	N/A	N/A	68.387412	0.000000
Ca (317.933 nm)	0.000000	ppm	N/A	N/A	6820.024160	0.000000
Cd (214.439 nm)	0.000000	ppm	N/A	N/A	1.532047	0.000000
Co (230.786 nm)	0.000000	ppm	N/A	N/A	7.923825	0.000000
Cr (267.716 nm)	0.000000	ppm	N/A	N/A	3.723840	0.000000
Cu (327.395 nm)	0.000000	ppm	N/A	N/A	18.907787	0.000000
Fe (238.204 nm)	0.000000	ppm	N/A	N/A	20.690359	0.000000
K (766.491 nm)	0.000000	ppm	N/A	N/A	48.440190	0.000000
Mg (279.800 nm)	0.000000	ppm	N/A	N/A	10.590309	0.000000
Mn (257.610 nm)	0.000000	ppm	N/A	N/A	40.545126	0.000000
Mo (202.032 nm)	0.000000	ppm	N/A	N/A	5.329232	0.000000
Na (589.592 nm)	0.000000	ppm	N/A	N/A	2128.336772	0.000000
Ni (231.604 nm)	0.000000	ppm	N/A	N/A	2.693175	0.000000
Pb (220.353 nm)	0.000000	ppm	N/A	N/A	3.844250	0.000000
Sb (217.582 nm)	0.000000	ppm	N/A	N/A	3.463047	0.000000
Se (196.026 nm)	0.000000	ppm	N/A	N/A	5.456726	0.000000
Tl (351.923 nm)	0.000000	ppm	N/A	N/A	7.786819	0.000000
V (292.401 nm)	0.000000	ppm	N/A	N/A	40.370225	0.000000
Zn (213.857 nm)	0.000000	ppm	N/A	N/A	34.462551	0.000000

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

CN- Spectrophotometer Analysis

Title: pH Log Book
Document#: P-017
Effective Date: 12/29/2023
Version:9

General Information

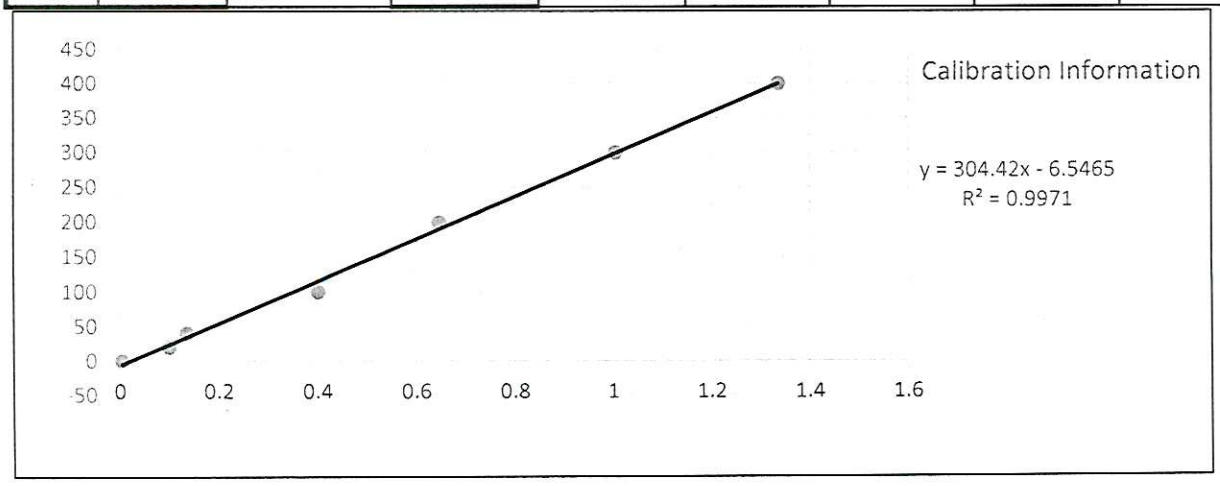
Batch:	B413222	Spec ID:	UV-1600PC	Correlation	0.999016
Matrix:	SW	Analysis Date:	3/30/2024	Calibration Date:	3/4/2024
Initials:	JM	CCV Element ID:	2401661	ICV Element ID:	2401287

Batch QC and Sample Information

Sample Element ID #:		Absorbance from Spec	Conc. of Extract, ppb	Distillation		Colometric Analysis		Limit/ MDL	Total CN-, ppm
				Initial Vol.	Final Vol.	Initial Vol.	Final Vol.		
IBL	IBL	0	0	50	50	25	50	0.003	0.003
CCV1	CCV1	0.1571	47.82393	50	50	25	50	PASS	0.09565
BLK1	BLK1	0.0015	0.456626	50	250	25	50	0.003	0.00457
BS1	BS1	0.1118	34.03383	50	250	25	50	0.003	0.34034
MS1	MS1	0.0957	29.13272	50	250	25	50	0.003	0.29133
MSD1	MSD1	0.1041	31.68982	50	250	25	50	0.003	0.3169
1	4032817-02	0.0256	7.793078	50	250	25	50	0.003	0.07793
2	4032817-01	0.017	5.175091	50	250	25	50	0.003	0.05175
3	4032912-01	0.0158	4.80979	50	250	25	50	0.003	0.0481
4			0	50	250	25	50	0.003	0.003
5			0	50	250	25	50	0.003	0.003
6			0	50	250	25	50	0.003	0.003
7			0	50	250	25	50	0.003	0.003
8			0	50	250	25	50	0.003	0.003
CCV2	CCV2	0.1574	47.91525	50	50	25	50	PASS	0.09583

Calibration Information

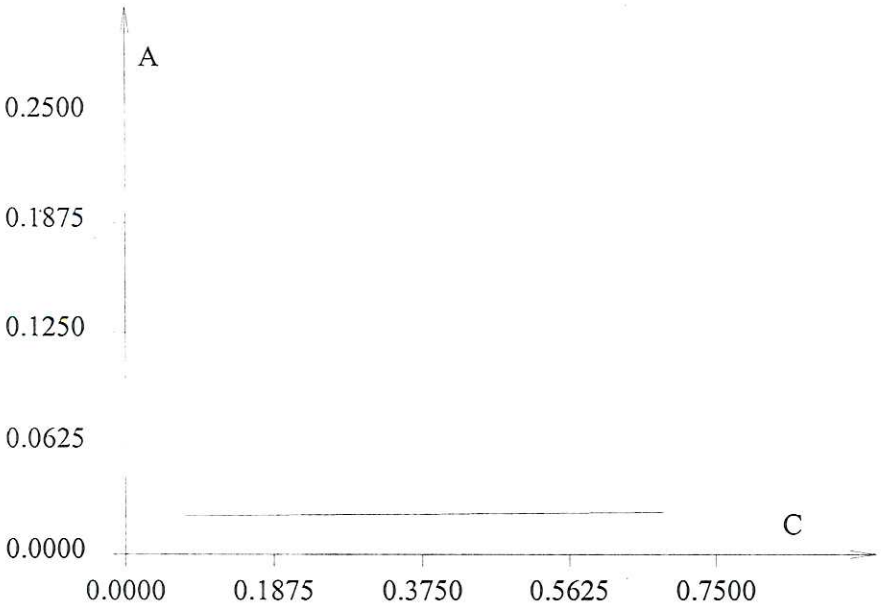
Cal0	True Conc. ppb (in flask)	True Conc. ppb (in cuvette)	Absorbance from Spec	Conc. of Extract, ppb	Colometric Analysis		Total CN-, ppm	Percent Recovery	Recovery P/F
					Initial Vol.	Final Vol.			
Cal0	0	0	0.0046	1.400319	25	50	0.700159	N/A	
Cal1	40	20	0.1006	30.62436	25	50	61.24872	153.1218	
Cal2	80	40	0.1358	41.33984	25	50	82.67968	103.3496	
Cal3	200	100	0.4017	122.2843	25	50	244.5687	122.2843	
Cal4	400	200	0.6473	197.0492	25	50	394.0984	98.52459	
Cal5	600	300	1.006	306.2436	25	50	612.4872	102.0812	
Cal6	800	400	1.3366	406.8839	25	50	813.7678	101.721	
ICV	400	200	0.7141	217.3843	25	50	434.7685	108.6921	
LDR1	880	440		0	25	50	0	0	
LDR2	960	480		0	25	50	0	0	



SLOPE 304.4171004

Quantitative Analysis Report

Method: 1 Wavelength, A=A0
Wavelength: ?=578.0 nm
Equation: C=304.4171 *A -6.5465 r=0.998556
Date&Time: 03-30-2024, 10:53:09



Standard Sample

ID	Abs.	Conc. (ppb)
1	0.0046	0.000
2	0.1006	20.000
3	0.1358	40.000
4	0.4017	100.000
5	0.6473	200.000
6	1.0060	300.000
7	1.3366	400.000

ID	Sample Name	Abs.	Conc. (ppb)
1	ICV	0.7141	210.838
2	IBL	-0.0002	0.000
3	CCV1	0.1571	41.277
4	BLK1	0.0015	0.000
5	BS1	0.1118	27.487
6	MS1	0.0957	22.586
7	MSD1	0.1041	25.143
8	4032817-02	0.0256	1.247
9	4032817-01	0.0170	0.000
10	4032912-01	0.0158	0.000
11	CCV2	0.1574	41.369
12	BLK2	0.0048	0.000

PREPARATION BENCH SHEET

B413189

Long Island Analytical Laboratories, Inc.

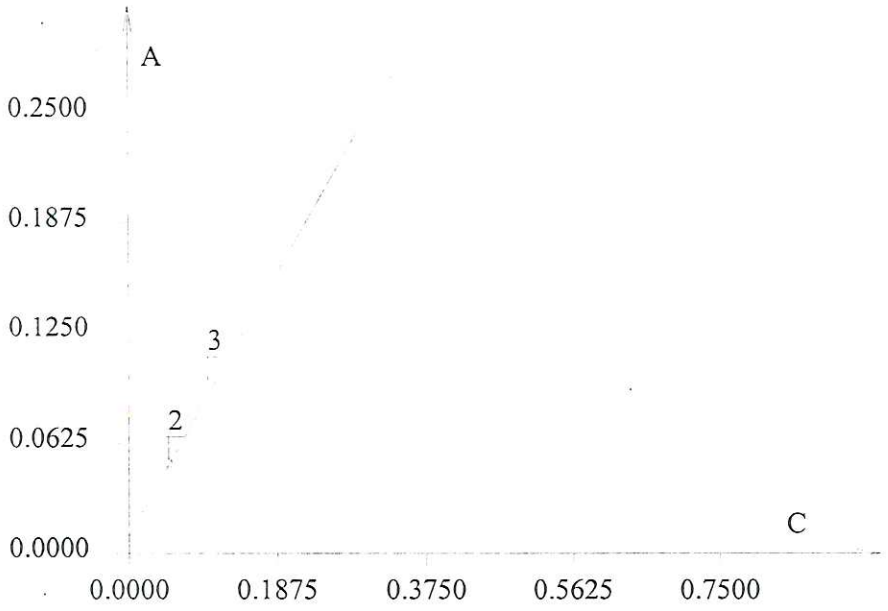
Matrix: Soil **Prepared using: Metals - EPA 3060A** **rinted: 4/11/2024 11:24:35AM**

Lab Number	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	Comments	
4032817-01 *Hexavalent Chromium*	03/29/2024 08:58	5	50	Let It Grow Inc			48 Hr Rush - Cat B!!!	48 Hr Rush - Cat B!!!
4032817-02 *Hexavalent Chromium*	03/29/2024 08:58	5	50	Let It Grow Inc			Use this as MS/MSD 48 Hr Rush - CUse this as MS/MSD 48 Hr Rush - Cat B!!!	
B413189-BLK1	03/29/2024 08:58	5	50					
B413189-BS1	03/29/2024 08:58	5	50	2401208		500		
B413189-CCV1	03/29/2024 08:58	5	50	2401420		500		
B413189-CCV2	03/29/2024 08:58	5	50	2401420		500		
B413189-DUP1	03/29/2024 08:58	5	50		4032817-02			
B413189-MS1	03/29/2024 08:58	5	50	2401420	4032817-02	500		
B413189-MS2	03/29/2024 08:58	5	50	2301127	4032817-02	0.1		
B413189-PS1	03/29/2024 08:58	5	50	2401420	4032817-02	500		

Balance #12 & #13
Hotblock #4 11/17/22
Time: 11:09 @ 91.7*C
Off: 12:12 @ 93.1*C
pH meter #1
Spectrophotometer ID# UV-1600PC

Quantitative Analysis Report

Method: 1 Wavelength, A=A0
Wavelength: ?=540.0 nm
Equation: C=1.2624 *A -0.0126 r=0.999593
Date&Time: 03-29-2024, 11:21:25



Standard Sample

ID	Abs.	Conc. (ppb)
1	-0.0006	0.000
2	0.0511	0.050
3	0.0963	0.100
4	0.2523	0.300
5	0.4110	0.500
6	0.4803	0.600
7	0.5615	0.700

ID	Sample Name	Abs.	Conc. (ppb)
1	CCV1	0.4179	0.515
2	BLK	0.0033	0.000
3	BS	0.4034	0.497
4	DUP	0.0212	0.014
5	MS1	0.4086	0.503
6	MS2	0.3608	0.443
7	PS	0.4064	0.500
8	4032817-01	0.0311	0.027
9	4032817-02	0.0200	0.013
10	CCV2	0.3976	0.489

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

PCBs
EPA 608.3

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QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	HP ECD HA

	DCB (34.8% -	DCB (70% - 130%)	DCB[2] (32.2% -	DCB[2] (70% - 130%)	TCMX (45.7% -	TCMX (70% - 130%)	TCMX[2] (59% - 130%)	TCMX[2] (70% - 130%)
4032817-10	103				69			
B414054-BLK1	106		87		78		88	
B414054-BS1		97		79		71		80
B414054-BSD1		104		85		76		85

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 608.3
Batch:	B414054	Laboratory ID:	B414054-BS1
Column:	1	Initial/Final:	1000 mL / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
Aroclor-1016	1.00	0.775	78	53.4 - 124
Aroclor-1016 (1)	1.00	0.754	75	54.4 - 130
Aroclor-1016 (2)	1.00	0.740	74	44.2 - 127
Aroclor-1016 (3)	1.00	0.771	77	51.3 - 129
Aroclor-1016 (4)	1.00	0.781	78	52.8 - 125
Aroclor-1016 (5)	1.00	0.831	83	50 - 125
Aroclor-1260	1.00	0.912	91	49.7 - 131
Aroclor-1260 (1)	1.00	0.856	86	48.7 - 127
Aroclor-1260 (2)	1.00	0.887	89	52.8 - 130
Aroclor-1260 (3)	1.00	0.960	96	42 - 127
Aroclor-1260 (4)	1.00	0.922	92	44.9 - 129
Aroclor-1260 (5)	1.00	0.935	93	46.8 - 133

ANALYTE	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	1.00	0.841	84	8	20	53.4 - 124
Aroclor-1016 (1)	1.00	0.799	80	6	20	54.4 - 130
Aroclor-1016 (2)	1.00	0.875	87	17	20	44.2 - 127
Aroclor-1016 (3)	1.00	0.853	85	10	20	51.3 - 129
Aroclor-1016 (4)	1.00	0.824	82	5	20	52.8 - 125
Aroclor-1016 (5)	1.00	0.854	85	3	20	50 - 125
Aroclor-1260	1.00	0.962	96	5	20	49.7 - 131
Aroclor-1260 (1)	1.00	0.926	93	8	20	48.7 - 127
Aroclor-1260 (2)	1.00	0.957	96	8	20	52.8 - 130
Aroclor-1260 (3)	1.00	0.945	95	2	20	42 - 127
Aroclor-1260 (4)	1.00	0.994	99	7	20	44.9 - 129
Aroclor-1260 (5)	1.00	0.989	99	6	20	46.8 - 133

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 608.3
Batch:	B414054	Laboratory ID:	B414054-BS1
Column:	2	Initial/Final:	1000 mL / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	1.00	0.842	84	56.5 - 122
Aroclor-1016 (1) [2C]	1.00	0.844	84	55.8 - 125
Aroclor-1016 (2) [2C]	1.00	0.830	83	56.6 - 118
Aroclor-1016 (3) [2C]	1.00	0.849	85	52.8 - 117
Aroclor-1016 (4) [2C]	1.00	0.836	84	55.2 - 125
Aroclor-1016 (5) [2C]	1.00	0.848	85	55.1 - 123
Aroclor-1260 [2C]	1.00	0.847	85	49.5 - 131
Aroclor-1260 (1) [2C]	1.00	0.851	85	57.9 - 131
Aroclor-1260 (2) [2C]	1.00	0.822	82	56.4 - 133
Aroclor-1260 (3) [2C]	1.00	0.893	89	47.6 - 128
Aroclor-1260 (4) [2C]	1.00	0.837	84	45.7 - 132
Aroclor-1260 (5) [2C]	1.00	0.833	83	47.4 - 129

ANALYTE	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	1.00	0.910	91	8	20	56.5 - 122
Aroclor-1016 (1) [2C]	1.00	0.928	93	10	20	55.8 - 125
Aroclor-1016 (2) [2C]	1.00	0.894	89	7	20	56.6 - 118
Aroclor-1016 (3) [2C]	1.00	0.908	91	7	20	52.8 - 117
Aroclor-1016 (4) [2C]	1.00	0.904	90	8	20	55.2 - 125
Aroclor-1016 (5) [2C]	1.00	0.914	91	7	20	55.1 - 123
Aroclor-1260 [2C]	1.00	0.913	91	8	20	49.5 - 131
Aroclor-1260 (1) [2C]	1.00	0.919	92	8	20	57.9 - 131
Aroclor-1260 (2) [2C]	1.00	0.894	89	8	20	56.4 - 133
Aroclor-1260 (3) [2C]	1.00	0.950	95	6	20	47.6 - 128
Aroclor-1260 (4) [2C]	1.00	0.911	91	8	20	45.7 - 132
Aroclor-1260 (5) [2C]	1.00	0.894	89	7	20	47.4 - 129

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4 - FORM IV
METHOD BLANK SUMMARY

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414054-BLK1	Batch:	B414054

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B414054-BSD1	B414054-BSD1.D	22:49
LCS	B414054-BS1	B414054-BS1.D	22:26
Equipment Blank	4032817-10	4032817-10.D	23:12

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414028	Instrument:	HP ECD HA
		Calibration:	L411002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414028-IBL1)			*Lab File ID: SEQ-IBL2.D*			*Analyzed: 04/02/24 18:11*			
1-Bromo-2-Nitrobenzene	58233580	3.422				50 - 200	3.4220	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40836850	3.83				50 - 200	3.8300	+/-0.50	
Calibration Check (S414028-CCV1)			*Lab File ID: SEQ-CCV2.D*			*Analyzed: 04/02/24 18:34*			
1-Bromo-2-Nitrobenzene	60167540	3.422				50 - 200	3.4220	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40844830	3.83				50 - 200	3.8300	+/-0.50	
Blank (B414054-BLK1)			*Lab File ID: B414054-BLK1.D*			*Analyzed: 04/02/24 22:03*			
1-Bromo-2-Nitrobenzene	55825780	3.428	60167540	3.422	93	50 - 200	0.0060	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40031970	3.827	40844830	3.83	98	50 - 200	-0.0030	+/-0.50	
LCS (B414054-BS1)			*Lab File ID: B414054-BS1.D*			*Analyzed: 04/02/24 22:26*			
1-Bromo-2-Nitrobenzene	59202300	3.427	60167540	3.422	98	50 - 200	0.0050	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42356770	3.827	40844830	3.83	104	50 - 200	-0.0030	+/-0.50	
LCS Dup (B414054-BSD1)			*Lab File ID: B414054-BSD1.D*			*Analyzed: 04/02/24 22:49*			
1-Bromo-2-Nitrobenzene	55536030	3.427	60167540	3.422	92	50 - 200	0.0050	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	39598760	3.827	40844830	3.83	97	50 - 200	-0.0030	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 04/02/24 23:12*			
1-Bromo-2-Nitrobenzene	62736590	3.428	60167540	3.422	104	50 - 200	0.0060	+/-0.50	
Calibration Check (S414028-CCV2)			*Lab File ID: SEQ-CCV3.D*			*Analyzed: 04/02/24 23:36*			
1-Bromo-2-Nitrobenzene	59185000	3.428	60167540	3.422	98	50 - 200	0.0060	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42530730	3.827	40844830	3.83	104	50 - 200	-0.0030	+/-0.50	

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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
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SAMPLE DATA

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	4032817-10.D
Sampled:	03/28/24 00:00	Prepared:	04/02/24 09:10	Analyzed:	04/02/24 23:12
Solids:		Preparation:	EPA 608.3	Dilution:	1
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Instrument:	HP ECD HA				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016	0.500	U
11096-82-5	Aroclor-1260	0.500	U
11104-28-2	Aroclor-1221	0.500	U
11141-16-5	Aroclor-1232	0.500	U
53469-21-9	Aroclor-1242	0.500	U
12672-29-6	Aroclor-1248	0.500	U
11097-69-1	Aroclor-1254	0.500	U

* Values outside of QC limits

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

CALIBRATION DATA

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Tetrachloro-m-xylene	82.38313	78.5235	88.48546	83.17795	85.71726	80.43394
Decachlorobiphenyl	75.78227	65.21694	72.12631	67.58637	69.48208	65.93805
Tetrachloro-m-xylene [2C]	81.45578	77.26536	88.12919	81.96729	85.08817	79.85544
Decachlorobiphenyl [2C]	90.00826	76.86854	82.67499	75.64484	76.29159	71.09932
Aroclor-1016	4.240995	3.64989	3.555258	3.269995	3.375525	3.026024
Aroclor-1016 (1)	4.427583	4.05898	3.828555	3.611678	3.685964	3.203898
Aroclor-1016 (2)	3.027121	2.598737	2.389611	2.183263	2.292667	2.062703
Aroclor-1016 (3)	5.326906	4.196031	4.673619	4.146325	4.350449	3.883867
Aroclor-1016 (4)	3.192481	3.356091	2.956866	2.977435	3.07353	2.839935
Aroclor-1016 (5)	5.230885	4.039611	3.92764	3.431273	3.475012	3.139716
Aroclor-1016 [2C]	5.458433	4.855708	4.884167	4.54283	4.606793	3.978193
Aroclor-1016 (1) [2C]	4.144709	3.850727	4.091202	3.827223	3.918703	3.439027
Aroclor-1016 (2) [2C]	3.979355	3.162726	3.115981	2.891647	2.885282	2.518548
Aroclor-1016 (3) [2C]	9.827066	8.751561	8.899334	8.2271	8.433046	7.124572
Aroclor-1016 (4) [2C]	4.417985	3.989811	3.805828	3.660744	3.608468	3.146729
Aroclor-1016 (5) [2C]	4.923051	4.523716	4.508489	4.107435	4.188461	3.66209
Aroclor-1260	9.007302	8.198072	8.217988	7.666407	7.7323	6.895226
Aroclor-1260 (1)	4.386704	3.828193	4.123744	3.724997	3.857579	3.298848
Aroclor-1260 (2)	10.23192	8.955475	8.710232	8.21155	8.280819	7.23057
Aroclor-1260 (3)	8.590995	7.534778	7.153488	6.585688	6.571559	5.914572
Aroclor-1260 (4)	10.69973	10.21418	10.52313	9.673156	9.86255	8.890932
Aroclor-1260 (5)	11.12716	10.45773	10.57934	10.13664	10.08899	9.141214
Aroclor-1260 [2C]	9.191976	8.889614	8.902501	8.223462	8.161641	7.021397
Aroclor-1260 (1) [2C]	6.531531	6.221488	6.119582	5.625691	5.519034	4.637994
Aroclor-1260 (2) [2C]	6.991138	6.3466	6.573406	5.892948	5.938087	5.026108
Aroclor-1260 (3) [2C]	6.060163	6.216034	6.1781	5.825001	5.519169	4.980539
Aroclor-1260 (4) [2C]	12.67852	12.28856	12.28804	11.3125	11.24703	9.55201
Aroclor-1260 (5) [2C]	13.69852	13.37539	13.35339	12.46117	12.58489	10.91033

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Tetrachloro-m-xylene	82.6252					
Decachlorobiphenyl	67.28512					
Tetrachloro-m-xylene [2C]	82.7652					
Decachlorobiphenyl [2C]	72.8275					
Aroclor-1016	3.048842					
Aroclor-1016 (1)	3.259617					
Aroclor-1016 (2)	2.165076					
Aroclor-1016 (3)	3.890415					
Aroclor-1016 (4)	2.784736					
Aroclor-1016 (5)	3.144366					
Aroclor-1016 [2C]	3.957444					
Aroclor-1016 (1) [2C]	3.373351					
Aroclor-1016 (2) [2C]	2.585996					
Aroclor-1016 (3) [2C]	7.024616					
Aroclor-1016 (4) [2C]	3.126455					
Aroclor-1016 (5) [2C]	3.6768					
Aroclor-1260	7.027628					
Aroclor-1260 (1)	3.300114					
Aroclor-1260 (2)	7.249408					
Aroclor-1260 (3)	6.034613					
Aroclor-1260 (4)	9.065066					
Aroclor-1260 (5)	9.488944					
Aroclor-1260 [2C]	6.920954					
Aroclor-1260 (1) [2C]	4.577436					
Aroclor-1260 (2) [2C]	4.886755					
Aroclor-1260 (3) [2C]	4.927698					
Aroclor-1260 (4) [2C]	9.410961					
Aroclor-1260 (5) [2C]	10.80193					

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Tetrachloro-m-xylene	83.04949	3.951971	0.9959906		0.99	
Decachlorobiphenyl	69.05959	5.43755	0.9970257		0.99	
Tetrachloro-m-xylene [2C]	82.36092	4.266635	0.9956873		0.99	
Decachlorobiphenyl [2C]	77.91643	8.286547	0.9952242		0.99	
Aroclor-1016	3.452361	12.14776	0.9994335		0.99	
Aroclor-1016 (1)	3.725182	11.5897	0.9989696		0.99	
Aroclor-1016 (2)	2.388454	13.87982	0.9989345		0.99	
Aroclor-1016 (3)	4.352516	11.68773	0.9992521		0.99	
Aroclor-1016 (4)	3.025868	6.594531	0.9994779		0.99	
Aroclor-1016 (5)	3.769786	19.43931	0.9996027		0.99	
Aroclor-1016 [2C]	4.611938	11.49016	0.9987781		0.99	
Aroclor-1016 (1) [2C]	3.80642	7.830685	0.9987285		0.99	
Aroclor-1016 (2) [2C]	3.019934	16.13393	0.9989999		0.99	
Aroclor-1016 (3) [2C]	8.326757	11.93043	0.9981682		0.99	
Aroclor-1016 (4) [2C]	3.679431	12.41851	0.9989968		0.99	
Aroclor-1016 (5) [2C]	4.227149	10.96651	0.9990573		0.99	
Aroclor-1260	7.820703	9.374904	0.9992871		0.99	
Aroclor-1260 (1)	3.788597	10.55193	0.9985145		0.99	
Aroclor-1260 (2)	8.409996	12.37726	0.9990672		0.99	
Aroclor-1260 (3)	6.912242	13.53561	0.9994306		0.99	
Aroclor-1260 (4)	9.846963	7.029874	0.9993747		0.99	
Aroclor-1260 (5)	10.14572	6.602399	0.9992357		0.99	
Aroclor-1260 [2C]	8.187364	11.12638	0.9985712		0.99	
Aroclor-1260 (1) [2C]	5.604679	13.63136	0.998138		0.99	
Aroclor-1260 (2) [2C]	5.95072	13.04819	0.9980104		0.99	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
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NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Aroclor-1260 (3) [2C]	5.672386	9.6066	0.9993273		0.99	
Aroclor-1260 (4) [2C]	11.25395	11.73563	0.9982851		0.99	
Aroclor-1260 (5) [2C]	12.45509	9.463672	0.9987357		0.99	

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INITIAL CALIBRATION STANDARDS

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S411037	Instrument:	HP ECD HA
Calibration:	L411002		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2401521	8082 005 ppb Calibration	S411037-CAL1		
2401522	8082 010 ppb Calibration	S411037-CAL2		
2401523	8082 015 ppb Calibration	S411037-CAL3		
2401524	8082 025 ppb Calibration	S411037-CAL4		
2401525	8082 050 ppb Calibration	S411037-CAL5		
2401526	8082 100 ppb Calibration	S411037-CAL6		
2401527	8082 200 ppb Calibration	S411037-CAL7		

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NYSDOH ELAP# 11693
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV2.D	Calibration Date:	03/14/24 10:13
Sequence:	S414028	Injection Date:	04/02/24
Lab Sample ID:	S414028-CCV1	Injection Time:	18:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	L	100	93.0	3.452361	2.883684		-7.0	20
Aroclor-1016 (1)	L	100	82.4	3.725182	2.729458		-17.6	20
Aroclor-1016 (2)	L	100	81.0	2.388454	1.750965		-19.0	20
Aroclor-1016 (3)	L	100	98.6	4.352516	3.878161		-1.4	20
Aroclor-1016 (4)	L	100	111	3.025868	3.145875		11.5	20
Aroclor-1016 (5)	L	100	91.5	3.769786	2.913957		-8.5	20
Aroclor-1016 [2C]	L	100	101	4.611938	4.109803		1.1	20
Aroclor-1016 (1) [2C]	L	100	103	3.80642	3.537235		2.7	20
Aroclor-1016 (2) [2C]	L	100	98.5	3.019934	2.579907		-1.5	20
Aroclor-1016 (3) [2C]	L	100	104	8.326757	7.474611		3.8	20
Aroclor-1016 (4) [2C]	L	100	98.3	3.679431	3.140655		-1.7	20
Aroclor-1016 (5) [2C]	L	100	102	4.227149	3.816609		2.3	20
Aroclor-1260	L	100	103	7.820703	7.305574		3.2	20
Aroclor-1260 (1)	L	100	104	3.788597	3.486593		4.2	20
Aroclor-1260 (2)	L	100	106	8.409996	7.740918		5.9	20
Aroclor-1260 (3)	L	100	100	6.912242	6.126539		0.3	20
Aroclor-1260 (4)	L	100	107	9.846963	9.843082		7.5	20
Aroclor-1260 (5)	L	100	98.0	10.14572	9.330737		-2.0	20
Aroclor-1260 [2C]	L	100	102	8.187364	7.224339		2.1	20
Aroclor-1260 (1) [2C]	L	100	105	5.604679	4.937654		4.8	20
Aroclor-1260 (2) [2C]	L	100	102	5.95072	5.132699		2.0	20
Aroclor-1260 (3) [2C]	L	100	100	5.672386	5.062815		0.4	20
Aroclor-1260 (4) [2C]	L	100	102	11.25395	9.845834		1.8	20
Aroclor-1260 (5) [2C]	L	100	102	12.45509	11.1427		1.7	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV2.D	Calibration Date:	03/14/24 10:13
Sequence:	S414028	Injection Date:	04/02/24
Lab Sample ID:	S414028-CCV1	Injection Time:	18:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloro-m-xylene	L	100	90.8	83.04949	75.27206		-9.2	20
Decachlorobiphenyl	L	100	111	69.05959	74.74415		11.1	20
Tetrachloro-m-xylene [2C]	L	100	101	82.36092	83.45608		1.3	20
Decachlorobiphenyl [2C]	L	100	98.7	77.91643	73.20119		-1.3	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV3.D	Calibration Date:	03/14/24 10:13
Sequence:	S414028	Injection Date:	04/02/24
Lab Sample ID:	S414028-CCV2	Injection Time:	23:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	L	100	96.4	3.452361	2.976864		-3.6	20
Aroclor-1016 (1)	L	100	94.3	3.725182	3.109845		-5.7	20
Aroclor-1016 (2)	L	100	92.1	2.388454	1.987464		-7.9	20
Aroclor-1016 (3)	L	100	97.6	4.352516	3.841952		-2.4	20
Aroclor-1016 (4)	L	100	97.9	3.025868	2.771222		-2.1	20
Aroclor-1016 (5)	L	100	100	3.769786	3.173837		-0.04	20
Aroclor-1016 [2C]	L	100	106	4.611938	4.259008		5.5	20
Aroclor-1016 (1) [2C]	L	100	106	3.80642	3.645711		5.9	20
Aroclor-1016 (2) [2C]	L	100	105	3.019934	2.740603		4.8	20
Aroclor-1016 (3) [2C]	L	100	106	8.326757	7.599967		5.6	20
Aroclor-1016 (4) [2C]	L	100	105	3.679431	3.345924		5.0	20
Aroclor-1016 (5) [2C]	L	100	106	4.227149	3.96283		6.3	20
Aroclor-1260	L	100	114	7.820703	8.165386		14.3	20
Aroclor-1260 (1)	L	100	108	3.788597	3.626504		8.5	20
Aroclor-1260 (2)	L	100	114	8.409996	8.286338		13.6	20
Aroclor-1260 (3)	L	100	113	6.912242	6.886881		13.0	20
Aroclor-1260 (4)	L	100	119	9.846963	10.86998		18.9	20
Aroclor-1260 (5)	L	100	117	10.14572	11.15724		17.4	20
Aroclor-1260 [2C]	L	100	105	8.187364	7.417516		5.0	20
Aroclor-1260 (1) [2C]	L	100	106	5.604679	5.003323		6.2	20
Aroclor-1260 (2) [2C]	L	100	103	5.95072	5.162254		2.6	20
Aroclor-1260 (3) [2C]	L	100	107	5.672386	5.365691		6.6	20
Aroclor-1260 (4) [2C]	L	100	105	11.25395	10.0971		4.5	20
Aroclor-1260 (5) [2C]	L	100	105	12.45509	11.4592		4.7	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 608.3

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV3.D	Calibration Date:	03/14/24 10:13
Sequence:	S414028	Injection Date:	04/02/24
Lab Sample ID:	S414028-CCV2	Injection Time:	23:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloro-m-xylene	L	100	88.9	83.04949	73.73508		-11.1	20	
Decachlorobiphenyl	L	100	124	69.05959	83.09803		23.9	20	*
Tetrachloro-m-xylene [2C]	L	100	99.7	82.36092	82.18324		-0.3	20	
Decachlorobiphenyl [2C]	L	100	100	77.91643	74.36469		0.4	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BLK1	File ID:	B414054-BLK1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:03
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Column:	1				

Instrument: HP ECD HA

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016	0.500	U
11096-82-5	Aroclor-1260	0.500	U
11104-28-2	Aroclor-1221	0.500	U
11141-16-5	Aroclor-1232	0.500	U
53469-21-9	Aroclor-1242	0.500	U
12672-29-6	Aroclor-1248	0.500	U
11097-69-1	Aroclor-1254	0.500	U

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BLK1	File ID:	B414054-BLK1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:03
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016 [2C]	0.500	U
11096-82-5	Aroclor-1260 [2C]	0.500	U
11104-28-2	Aroclor-1221 [2C]	0.500	U
11141-16-5	Aroclor-1232 [2C]	0.500	U
53469-21-9	Aroclor-1242 [2C]	0.500	U
12672-29-6	Aroclor-1248 [2C]	0.500	U
11097-69-1	Aroclor-1254 [2C]	0.500	U

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BS1	File ID:	B414054-BS1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:26
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016	0.775	
NA	Aroclor-1016 (1)	0.754	
NA	Aroclor-1016 (2)	0.740	
NA	Aroclor-1016 (3)	0.771	
NA	Aroclor-1016 (4)	0.781	
NA	Aroclor-1016 (5)	0.831	
11096-82-5	Aroclor-1260	0.912	
NA	Aroclor-1260 (1)	0.856	
NA	Aroclor-1260 (2)	0.887	
NA	Aroclor-1260 (3)	0.960	
NA	Aroclor-1260 (4)	0.922	
NA	Aroclor-1260 (5)	0.935	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BS1	File ID:	B414054-BS1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:26
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016 [2C]	0.842	
NA	Aroclor-1016 (1) [2C]	0.844	
NA	Aroclor-1016 (2) [2C]	0.830	
NA	Aroclor-1016 (3) [2C]	0.849	
NA	Aroclor-1016 (4) [2C]	0.836	
NA	Aroclor-1016 (5) [2C]	0.848	
11096-82-5	Aroclor-1260 [2C]	0.847	
NA	Aroclor-1260 (1) [2C]	0.851	
NA	Aroclor-1260 (2) [2C]	0.822	
NA	Aroclor-1260 (3) [2C]	0.893	
NA	Aroclor-1260 (4) [2C]	0.837	
NA	Aroclor-1260 (5) [2C]	0.833	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BSD1	File ID:	B414054-BSD1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:49
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016	0.841	
NA	Aroclor-1016 (1)	0.799	
NA	Aroclor-1016 (2)	0.875	
NA	Aroclor-1016 (3)	0.853	
NA	Aroclor-1016 (4)	0.824	
NA	Aroclor-1016 (5)	0.854	
11096-82-5	Aroclor-1260	0.962	
NA	Aroclor-1260 (1)	0.926	
NA	Aroclor-1260 (2)	0.957	
NA	Aroclor-1260 (3)	0.945	
NA	Aroclor-1260 (4)	0.994	
NA	Aroclor-1260 (5)	0.989	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414054-BSD1	File ID:	B414054-BSD1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/02/24 22:49
Solids:		Preparation:	EPA 608.3	Dilution:	
Batch:	B414054	Sequence:	S414028	Calibration:	L411002
Column:	2				

Instrument: HP ECD HA

CAS NO.	COMPOUND	CONC. (ug/L)	Q
12674-11-2	Aroclor-1016 [2C]	0.910	
NA	Aroclor-1016 (1) [2C]	0.928	
NA	Aroclor-1016 (2) [2C]	0.894	
NA	Aroclor-1016 (3) [2C]	0.908	
NA	Aroclor-1016 (4) [2C]	0.904	
NA	Aroclor-1016 (5) [2C]	0.914	
11096-82-5	Aroclor-1260 [2C]	0.913	
NA	Aroclor-1260 (1) [2C]	0.919	
NA	Aroclor-1260 (2) [2C]	0.894	
NA	Aroclor-1260 (3) [2C]	0.950	
NA	Aroclor-1260 (4) [2C]	0.911	
NA	Aroclor-1260 (5) [2C]	0.894	

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NYSDOH ELAP# 11693
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AIHA# 164456
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PCBs
EPA 8082A

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QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	HP ECD HA

	DCB (47.4% -	DCB (70% - 130%)	DCB[2] (49% - 143%)	DCB[2] (70% - 130%)	TCMX (51.4% -	TCMX (70% - 130%)	TCMX[2] (49.8% -	TCMX[2] (70% - 130%)
4032817-01	86				64			
4032817-02	100				75			
B414015-BLK1	114		90		85		92	
B414015-BS1		99		80		75		83
B414015-MS1		58*		50*		55*		63*
B414015-MSD1		83		70		69*		77

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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8082A
Batch:	B414015	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414015-MS1
Column:	1	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016	254	ND	166	65	61.3 - 137
Aroclor-1260	254	ND	278	109	57 - 155

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD		QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	254	237	93	35	*	20	61.3 - 137
Aroclor-1260	254	354	140	24	*	20	57 - 155

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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8082A
Batch:	B414015	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414015-MS1
Column:	2	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	254	ND	220	87	56.7 - 148
Aroclor-1260 [2C]	254	ND	173	68	48.1 - 155

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD		QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	254	306	120	33	*	20	56.7 - 148
Aroclor-1260 [2C]	254	236	93	30	*	20	48.1 - 155

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414015	Laboratory ID:	B414015-BS1
Column:	1	Initial/Final:	15 g / 30 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
Aroclor-1016	200	213	107	56.7 - 147
Aroclor-1016 (1)	200	188	94	55.9 - 153
Aroclor-1016 (2)	200	221	111	51.8 - 152
Aroclor-1016 (3)	200	206	103	60.7 - 144
Aroclor-1016 (4)	200	214	107	57 - 146
Aroclor-1016 (5)	200	237	119	52.8 - 152
Aroclor-1260	200	241	121	65.4 - 152
Aroclor-1260 (1)	200	246	123	65.2 - 154
Aroclor-1260 (2)	200	236	118	57.7 - 162
Aroclor-1260 (3)	200	242	121	55.2 - 158
Aroclor-1260 (4)	200	239	120	59.1 - 150
Aroclor-1260 (5)	200	243	122	51.4 - 149

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414015	Laboratory ID:	B414015-BS1
Column:	2	Initial/Final:	15 g / 30 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	200	219	110	55.8 - 143
Aroclor-1016 (1) [2C]	200	224	112	55 - 148
Aroclor-1016 (2) [2C]	200	218	109	53.4 - 141
Aroclor-1016 (3) [2C]	200	218	109	48.8 - 154
Aroclor-1016 (4) [2C]	200	215	108	48.3 - 150
Aroclor-1016 (5) [2C]	200	222	111	57.5 - 150
Aroclor-1260 [2C]	200	217	108	60.4 - 147
Aroclor-1260 (1) [2C]	200	219	109	59.1 - 153
Aroclor-1260 (2) [2C]	200	216	108	56.2 - 151
Aroclor-1260 (3) [2C]	200	220	110	55.5 - 146
Aroclor-1260 (4) [2C]	200	219	110	63 - 148
Aroclor-1260 (5) [2C]	200	210	105	57.3 - 146

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AIHA# 164456
NJDEP# NY012
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4 - FORM IV
METHOD BLANK SUMMARY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414015-BLK1	Batch:	B414015

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414015-MSD1	B414015-MSD1.D	18:32
Matrix Spike	B414015-MS1	B414015-MS1.D	18:08
LCS	B414015-BS1	B414015-BS1.D	17:45
Stockpile B - Comp	4032817-02	4032817-02.D	19:18
Stockpile A - Comp	4032817-01	4032817-01.D	18:55

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S411039	Instrument:	HP ECD HA
		Calibration:	L411002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S411039-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/13/24 22:10*			
1-Bromo-2-Nitrobenzene	60672700	3.425				50 - 200	3.4250	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	41441540	3.825				50 - 200	3.8250	+/-0.50	
Instrument Blank (S414014-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/01/24 10:35*			
1-Bromo-2-Nitrobenzene	61736990	3.427				50 - 200	3.4270	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42274210	3.826				50 - 200	3.8260	+/-0.50	
Calibration Check (S414014-CCV1)			*Lab File ID: SEQ-CCV3.D*			*Analyzed: 04/01/24 14:46*			
1-Bromo-2-Nitrobenzene	55962390	3.433				50 - 200	3.4330	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40192860	3.832				50 - 200	3.8320	+/-0.50	
Blank (B414015-BLK1)			*Lab File ID: B414015-BLK1.D*			*Analyzed: 04/01/24 17:22*			
1-Bromo-2-Nitrobenzene	55466630	3.438	55962390	3.433	99	50 - 200	0.0050	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	41035160	3.813	40192860	3.832	102	50 - 200	-0.0190	+/-0.50	
LCS (B414015-BS1)			*Lab File ID: B414015-BS1.D*			*Analyzed: 04/01/24 17:45*			
1-Bromo-2-Nitrobenzene	57945290	3.421	55962390	3.433	104	50 - 200	-0.0120	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42923860	3.829	40192860	3.832	107	50 - 200	-0.0030	+/-0.50	
Matrix Spike (B414015-MS1)			*Lab File ID: B414015-MS1.D*			*Analyzed: 04/01/24 18:08*			
1-Bromo-2-Nitrobenzene	55855480	3.422	55962390	3.433	100	50 - 200	-0.0110	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40295360	3.829	40192860	3.832	100	50 - 200	-0.0030	+/-0.50	
Matrix Spike Dup (B414015-MSD1)			*Lab File ID: B414015-MSD1.D*			*Analyzed: 04/01/24 18:32*			
1-Bromo-2-Nitrobenzene	52673160	3.422	55962390	3.433	94	50 - 200	-0.0110	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	38422680	3.829	40192860	3.832	96	50 - 200	-0.0030	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S411039	Instrument:	HP ECD HA
		Calibration:	L411002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S411039-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/13/24 22:10*			
1-Bromo-2-Nitrobenzene	60672700	3.425				50 - 200	3.4250	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	41441540	3.825				50 - 200	3.8250	+/-0.50	
Instrument Blank (S414014-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/01/24 10:35*			
1-Bromo-2-Nitrobenzene	61736990	3.427				50 - 200	3.4270	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42274210	3.826				50 - 200	3.8260	+/-0.50	
Calibration Check (S414014-CCV1)			*Lab File ID: SEQ-CCV3.D*			*Analyzed: 04/01/24 14:46*			
1-Bromo-2-Nitrobenzene	55962390	3.433				50 - 200	3.4330	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40192860	3.832				50 - 200	3.8320	+/-0.50	
Blank (B414015-BLK1)			*Lab File ID: B414015-BLK1.D*			*Analyzed: 04/01/24 17:22*			
1-Bromo-2-Nitrobenzene	55466630	3.438	55962390	3.433	99	50 - 200	0.0050	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	41035160	3.813	40192860	3.832	102	50 - 200	-0.0190	+/-0.50	
LCS (B414015-BS1)			*Lab File ID: B414015-BS1.D*			*Analyzed: 04/01/24 17:45*			
1-Bromo-2-Nitrobenzene	57945290	3.421	55962390	3.433	104	50 - 200	-0.0120	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	42923860	3.829	40192860	3.832	107	50 - 200	-0.0030	+/-0.50	
Matrix Spike (B414015-MS1)			*Lab File ID: B414015-MS1.D*			*Analyzed: 04/01/24 18:08*			
1-Bromo-2-Nitrobenzene	55855480	3.422	55962390	3.433	100	50 - 200	-0.0110	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	40295360	3.829	40192860	3.832	100	50 - 200	-0.0030	+/-0.50	
Matrix Spike Dup (B414015-MSD1)			*Lab File ID: B414015-MSD1.D*			*Analyzed: 04/01/24 18:32*			
1-Bromo-2-Nitrobenzene	52673160	3.422	55962390	3.433	94	50 - 200	-0.0110	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	38422680	3.829	40192860	3.832	96	50 - 200	-0.0030	+/-0.50	

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

SAMPLE DATA

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	4032817-01.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:55
Solids:	80.89	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016	61.8	U
11096-82-5	Aroclor-1260	61.8	U
11104-28-2	Aroclor-1221	61.8	U
11141-16-5	Aroclor-1232	61.8	U
53469-21-9	Aroclor-1242	61.8	U
12672-29-6	Aroclor-1248	61.8	U
11097-69-1	Aroclor-1254	61.8	U
37324-23-5	Aroclor-1262	61.8	U
11100-14-4	Aroclor-1268	61.8	U

* Values outside of QC limits

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PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	4032817-02.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:10	Analyzed:	04/01/24 19:18
Solids:	78.76	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016	63.5	4.T, U
11096-82-5	Aroclor-1260	63.5	4.T, U
11104-28-2	Aroclor-1221	63.5	U
11141-16-5	Aroclor-1232	63.5	U
53469-21-9	Aroclor-1242	63.5	U
12672-29-6	Aroclor-1248	63.5	U
11097-69-1	Aroclor-1254	63.5	U
37324-23-5	Aroclor-1262	63.5	U
11100-14-4	Aroclor-1268	63.5	U

* Values outside of QC limits

110 Colin Drive • Holbrook, New York 11741
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LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

CALIBRATION DATA

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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Tetrachloro-m-xylene	82.38313	78.5235	88.48546	83.17795	85.71726	80.43394
Decachlorobiphenyl	75.78227	65.21694	72.12631	67.58637	69.48208	65.93805
Tetrachloro-m-xylene [2C]	81.45578	77.26536	88.12919	81.96729	85.08817	79.85544
Decachlorobiphenyl [2C]	90.00826	76.86854	82.67499	75.64484	76.29159	71.09932
Aroclor-1016	4.240995	3.64989	3.555258	3.269995	3.375525	3.026024
Aroclor-1016 (1)	4.427583	4.05898	3.828555	3.611678	3.685964	3.203898
Aroclor-1016 (2)	3.027121	2.598737	2.389611	2.183263	2.292667	2.062703
Aroclor-1016 (3)	5.326906	4.196031	4.673619	4.146325	4.350449	3.883867
Aroclor-1016 (4)	3.192481	3.356091	2.956866	2.977435	3.07353	2.839935
Aroclor-1016 (5)	5.230885	4.039611	3.92764	3.431273	3.475012	3.139716
Aroclor-1016 [2C]	5.458433	4.855708	4.884167	4.54283	4.606793	3.978193
Aroclor-1016 (1) [2C]	4.144709	3.850727	4.091202	3.827223	3.918703	3.439027
Aroclor-1016 (2) [2C]	3.979355	3.162726	3.115981	2.891647	2.885282	2.518548
Aroclor-1016 (3) [2C]	9.827066	8.751561	8.899334	8.2271	8.433046	7.124572
Aroclor-1016 (4) [2C]	4.417985	3.989811	3.805828	3.660744	3.608468	3.146729
Aroclor-1016 (5) [2C]	4.923051	4.523716	4.508489	4.107435	4.188461	3.66209
Aroclor-1260	9.007302	8.198072	8.217988	7.666407	7.7323	6.895226
Aroclor-1260 (1)	4.386704	3.828193	4.123744	3.724997	3.857579	3.298848
Aroclor-1260 (2)	10.23192	8.955475	8.710232	8.21155	8.280819	7.23057
Aroclor-1260 (3)	8.590995	7.534778	7.153488	6.585688	6.571559	5.914572
Aroclor-1260 (4)	10.69973	10.21418	10.52313	9.673156	9.86255	8.890932
Aroclor-1260 (5)	11.12716	10.45773	10.57934	10.13664	10.08899	9.141214
Aroclor-1260 [2C]	9.191976	8.889614	8.902501	8.223462	8.161641	7.021397
Aroclor-1260 (1) [2C]	6.531531	6.221488	6.119582	5.625691	5.519034	4.637994
Aroclor-1260 (2) [2C]	6.991138	6.3466	6.573406	5.892948	5.938087	5.026108
Aroclor-1260 (3) [2C]	6.060163	6.216034	6.1781	5.825001	5.519169	4.980539
Aroclor-1260 (4) [2C]	12.67852	12.28856	12.28804	11.3125	11.24703	9.55201
Aroclor-1260 (5) [2C]	13.69852	13.37539	13.35339	12.46117	12.58489	10.91033

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Tetrachloro-m-xylene	82.6252					
Decachlorobiphenyl	67.28512					
Tetrachloro-m-xylene [2C]	82.7652					
Decachlorobiphenyl [2C]	72.8275					
Aroclor-1016	3.048842					
Aroclor-1016 (1)	3.259617					
Aroclor-1016 (2)	2.165076					
Aroclor-1016 (3)	3.890415					
Aroclor-1016 (4)	2.784736					
Aroclor-1016 (5)	3.144366					
Aroclor-1016 [2C]	3.957444					
Aroclor-1016 (1) [2C]	3.373351					
Aroclor-1016 (2) [2C]	2.585996					
Aroclor-1016 (3) [2C]	7.024616					
Aroclor-1016 (4) [2C]	3.126455					
Aroclor-1016 (5) [2C]	3.6768					
Aroclor-1260	7.027628					
Aroclor-1260 (1)	3.300114					
Aroclor-1260 (2)	7.249408					
Aroclor-1260 (3)	6.034613					
Aroclor-1260 (4)	9.065066					
Aroclor-1260 (5)	9.488944					
Aroclor-1260 [2C]	6.920954					
Aroclor-1260 (1) [2C]	4.577436					
Aroclor-1260 (2) [2C]	4.886755					
Aroclor-1260 (3) [2C]	4.927698					
Aroclor-1260 (4) [2C]	9.410961					
Aroclor-1260 (5) [2C]	10.80193					

LONG ISLAND ANALYTICAL LABORATORIES INC.
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Tetrachloro-m-xylene	83.04949	3.951971	0.9959906		0.99	
Decachlorobiphenyl	69.05959	5.43755	0.9970257		0.99	
Tetrachloro-m-xylene [2C]	82.36092	4.266635	0.9956873		0.99	
Decachlorobiphenyl [2C]	77.91643	8.286547	0.9952242		0.99	
Aroclor-1016	3.452361	12.14776	0.9994335		0.99	
Aroclor-1016 (1)	3.725182	11.5897	0.9989696		0.99	
Aroclor-1016 (2)	2.388454	13.87982	0.9989345		0.99	
Aroclor-1016 (3)	4.352516	11.68773	0.9992521		0.99	
Aroclor-1016 (4)	3.025868	6.594531	0.9994779		0.99	
Aroclor-1016 (5)	3.769786	19.43931	0.9996027		0.99	
Aroclor-1016 [2C]	4.611938	11.49016	0.9987781		0.99	
Aroclor-1016 (1) [2C]	3.80642	7.830685	0.9987285		0.99	
Aroclor-1016 (2) [2C]	3.019934	16.13393	0.9989999		0.99	
Aroclor-1016 (3) [2C]	8.326757	11.93043	0.9981682		0.99	
Aroclor-1016 (4) [2C]	3.679431	12.41851	0.9989968		0.99	
Aroclor-1016 (5) [2C]	4.227149	10.96651	0.9990573		0.99	
Aroclor-1260	7.820703	9.374904	0.9992871		0.99	
Aroclor-1260 (1)	3.788597	10.55193	0.9985145		0.99	
Aroclor-1260 (2)	8.409996	12.37726	0.9990672		0.99	
Aroclor-1260 (3)	6.912242	13.53561	0.9994306		0.99	
Aroclor-1260 (4)	9.846963	7.029874	0.9993747		0.99	
Aroclor-1260 (5)	10.14572	6.602399	0.9992357		0.99	
Aroclor-1260 [2C]	8.187364	11.12638	0.9985712		0.99	
Aroclor-1260 (1) [2C]	5.604679	13.63136	0.998138		0.99	
Aroclor-1260 (2) [2C]	5.95072	13.04819	0.9980104		0.99	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411002	Instrument:	HP ECD HA
		Calibration Date:	3/14/2024 10:13:29AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Aroclor-1260 (3) [2C]	5.672386	9.6066	0.9993273		0.99	
Aroclor-1260 (4) [2C]	11.25395	11.73563	0.9982851		0.99	
Aroclor-1260 (5) [2C]	12.45509	9.463672	0.9987357		0.99	

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INITIAL CALIBRATION STANDARDS

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S411037	Instrument:	HP ECD HA
Calibration:	L411002		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2401521	8082 005 ppb Calibration	S411037-CAL1		
2401522	8082 010 ppb Calibration	S411037-CAL2		
2401523	8082 015 ppb Calibration	S411037-CAL3		
2401524	8082 025 ppb Calibration	S411037-CAL4		
2401525	8082 050 ppb Calibration	S411037-CAL5		
2401526	8082 100 ppb Calibration	S411037-CAL6		
2401527	8082 200 ppb Calibration	S411037-CAL7		

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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV3.D	Calibration Date:	03/14/24 10:13
Sequence:	S414014	Injection Date:	04/01/24
Lab Sample ID:	S414014-CCV1	Injection Time:	14:46

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	L	100	95.1	3.452361	2.940059		-4.9	20
Aroclor-1016 (1)	L	100	93.8	3.725182	3.093898		-6.2	20
Aroclor-1016 (2)	L	100	90.4	2.388454	1.950678		-9.6	20
Aroclor-1016 (3)	L	100	98.4	4.352516	3.87269		-1.6	20
Aroclor-1016 (4)	L	100	99.0	3.025868	2.802042		-1.0	20
Aroclor-1016 (5)	L	100	93.7	3.769786	2.980987		-6.3	20
Aroclor-1016 [2C]	L	100	108	4.611938	4.342699		7.7	20
Aroclor-1016 (1) [2C]	L	100	110	3.80642	3.791275		10.3	20
Aroclor-1016 (2) [2C]	L	100	109	3.019934	2.842423		8.8	20
Aroclor-1016 (3) [2C]	L	100	108	8.326757	7.738134		7.6	20
Aroclor-1016 (4) [2C]	L	100	102	3.679431	3.239426		1.5	20
Aroclor-1016 (5) [2C]	L	100	110	4.227149	4.102237		10.2	20
Aroclor-1260	L	100	108	7.820703	7.696759		8.3	20
Aroclor-1260 (1)	L	100	107	3.788597	3.583934		7.2	20
Aroclor-1260 (2)	L	100	107	8.409996	7.819476		7.0	20
Aroclor-1260 (3)	L	100	107	6.912242	6.523426		7.0	20
Aroclor-1260 (4)	L	100	113	9.846963	10.37854		13.4	20
Aroclor-1260 (5)	L	100	107	10.14572	10.17843		7.0	20
Aroclor-1260 [2C]	L	100	108	8.187364	7.546607		7.7	20
Aroclor-1260 (1) [2C]	L	100	107	5.604679	5.017104		6.6	20
Aroclor-1260 (2) [2C]	L	100	113	5.95072	5.665113		13.1	20
Aroclor-1260 (3) [2C]	L	100	110	5.672386	5.504516		9.5	20
Aroclor-1260 (4) [2C]	L	100	104	11.25395	10.07023		4.2	20
Aroclor-1260 (5) [2C]	L	100	105	12.45509	11.47607		4.9	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8082A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HA	Calibration:	L411002
Lab File ID:	SEQ-CCV3.D	Calibration Date:	03/14/24 10:13
Sequence:	S414014	Injection Date:	04/01/24
Lab Sample ID:	S414014-CCV1	Injection Time:	14:46

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Tetrachloro-m-xylene	L	100	87.8	83.04949	72.83312		-12.2	20
Decachlorobiphenyl	L	100	119	69.05959	79.88244		19.0	20
Tetrachloro-m-xylene [2C]	L	100	100	82.36092	82.68582		0.3	20
Decachlorobiphenyl [2C]	L	100	98.4	77.91643	73.00014		-1.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QC DATA

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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414015-BLK1	File ID:	B414015-BLK1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:22
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
12674-11-2	Aroclor-1016	50.0	U
11096-82-5	Aroclor-1260	50.0	U
11104-28-2	Aroclor-1221	50.0	U
11141-16-5	Aroclor-1232	50.0	U
53469-21-9	Aroclor-1242	50.0	U
12672-29-6	Aroclor-1248	50.0	U
11097-69-1	Aroclor-1254	50.0	U
37324-23-5	Aroclor-1262	50.0	U
11100-14-4	Aroclor-1268	50.0	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414015-BLK1	File ID:	B414015-BLK1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:22
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
12674-11-2	Aroclor-1016 [2C]	50.0	U
11096-82-5	Aroclor-1260 [2C]	50.0	U
11104-28-2	Aroclor-1221 [2C]	50.0	U
11141-16-5	Aroclor-1232 [2C]	50.0	U
53469-21-9	Aroclor-1242 [2C]	50.0	U
12672-29-6	Aroclor-1248 [2C]	50.0	U
11097-69-1	Aroclor-1254 [2C]	50.0	U
37324-23-5	Aroclor-1262 [2C]	50.0	U
11100-14-4	Aroclor-1268 [2C]	50.0	U

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USEPA# NY01273
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NJDEP# NY012
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-BS1	File ID:	B414015-BS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:45
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
12674-11-2	Aroclor-1016	213	
NA	Aroclor-1016 (1)	188	
NA	Aroclor-1016 (2)	221	
NA	Aroclor-1016 (3)	206	
NA	Aroclor-1016 (4)	214	
NA	Aroclor-1016 (5)	237	
11096-82-5	Aroclor-1260	241	
NA	Aroclor-1260 (1)	246	
NA	Aroclor-1260 (2)	236	
NA	Aroclor-1260 (3)	242	
NA	Aroclor-1260 (4)	239	
NA	Aroclor-1260 (5)	243	

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LONG ISLAND ANALYTICAL LABORATORIES INC.
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AIHA# 164456
NJDEP# NY012
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-BS1	File ID:	B414015-BS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:45
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
12674-11-2	Aroclor-1016 [2C]	219	
NA	Aroclor-1016 (1) [2C]	224	
NA	Aroclor-1016 (2) [2C]	218	
NA	Aroclor-1016 (3) [2C]	218	
NA	Aroclor-1016 (4) [2C]	215	
NA	Aroclor-1016 (5) [2C]	222	
11096-82-5	Aroclor-1260 [2C]	217	
NA	Aroclor-1260 (1) [2C]	219	
NA	Aroclor-1260 (2) [2C]	216	
NA	Aroclor-1260 (3) [2C]	220	
NA	Aroclor-1260 (4) [2C]	219	
NA	Aroclor-1260 (5) [2C]	210	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-MS1	File ID:	B414015-MS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:08
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Column:	1				

Instrument: HP ECD HA

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016	166	
NA	Aroclor-1016 (1)	175	
NA	Aroclor-1016 (2)	135	4.G
NA	Aroclor-1016 (3)	139	
NA	Aroclor-1016 (4)	132	4.G
NA	Aroclor-1016 (5)	248	
11096-82-5	Aroclor-1260	278	E
NA	Aroclor-1260 (1)	547	4.G, E
NA	Aroclor-1260 (2)	224	
NA	Aroclor-1260 (3)	214	
NA	Aroclor-1260 (4)	173	
NA	Aroclor-1260 (5)	231	

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-MS1	File ID:	B414015-MS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:08
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016 [2C]	220	
NA	Aroclor-1016 (1) [2C]	202	
NA	Aroclor-1016 (2) [2C]	187	
NA	Aroclor-1016 (3) [2C]	253	
NA	Aroclor-1016 (4) [2C]	198	
NA	Aroclor-1016 (5) [2C]	259	
11096-82-5	Aroclor-1260 [2C]	173	
NA	Aroclor-1260 (1) [2C]	153	
NA	Aroclor-1260 (2) [2C]	206	
NA	Aroclor-1260 (3) [2C]	161	
NA	Aroclor-1260 (4) [2C]	177	
NA	Aroclor-1260 (5) [2C]	170	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-MSD1	File ID:	B414015-MSD1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:32
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016	237	4.T
NA	Aroclor-1016 (1)	223	4.T
NA	Aroclor-1016 (2)	167	4.T
NA	Aroclor-1016 (3)	310	4.T
NA	Aroclor-1016 (4)	162	4.T
NA	Aroclor-1016 (5)	324	4.T
11096-82-5	Aroclor-1260	354	4.T, E
NA	Aroclor-1260 (1)	736	4.G, 4.T, E
NA	Aroclor-1260 (2)	298	4.T
NA	Aroclor-1260 (3)	267	4.T
NA	Aroclor-1260 (4)	214	4.T
NA	Aroclor-1260 (5)	258	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414015-MSD1	File ID:	B414015-MSD1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:32
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414015	Sequence:	S414014	Calibration:	L411002
Instrument:	HP ECD HA				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
12674-11-2	Aroclor-1016 [2C]	306	4.T
NA	Aroclor-1016 (1) [2C]	282	4.T
NA	Aroclor-1016 (2) [2C]	239	4.T
NA	Aroclor-1016 (3) [2C]	347	4.T
NA	Aroclor-1016 (4) [2C]	302	4.T
NA	Aroclor-1016 (5) [2C]	360	4.T
11096-82-5	Aroclor-1260 [2C]	236	4.T
NA	Aroclor-1260 (1) [2C]	196	4.T
NA	Aroclor-1260 (2) [2C]	279	4.T
NA	Aroclor-1260 (3) [2C]	228	4.T
NA	Aroclor-1260 (4) [2C]	250	4.T
NA	Aroclor-1260 (5) [2C]	225	4.T

PREPARATION BENCH SHEET

Printed: 4/2/2024 9:45:36AM

Analysis
NYC Part 375 PCB

B414015

Long Island Analytical Laboratories, Inc.

Prepared using: EPA 3545 A

Surrogate Solution
2401894 8080 Surrogate 100 ppm Working

Spiking Solution
2400927 8082 100 PPM spiking std

Matrix: Soil

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (g)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414015-BLK1	Blank			04/01/2024 09:07	15	30		30	
B414015-BS1	LCS			04/01/2024 09:07	15	30	30	30	
B414015-MS1	Matrix Spike [4032817-02]			04/01/2024 09:07	15	30	30	30	
B414015-MSD1	Matrix Spike Dup [4032817-02]			04/01/2024 09:07	15	30	30	30	
4032817-01	Stockpile A - Comp	04/03/202	04/11/202	04/01/2024 09:07	15	30		30	48 Hr Rush - Cat B!!!
4032817-02	Stockpile B - Comp	04/03/202	04/11/202	04/01/2024 09:07	15	30		30	Use this as MS/MSD 48 Hr Rush - Cat B!!!
4032912-01	Stockpile Comp 1-5	04/05/202	04/11/202	04/01/2024 09:07	15	30		30	

S414014

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2105149	Copper, Granular	123090BO
2201900	Silica Gel	22D0161005
2303425	Baked Blank Sand	N/A
2400249	Sodium Sulfate Anhydrous, Heated	21I0261021
2400532	Hexanes (95% n-hexane)	23I2762002
2400673	Baked Blank Sand	N/A
2401410	1:1 Hexane/Acetone	Hexane/Acetone

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 10:35 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 99 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 11:19:19 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) I 1-BROMO-2...	3.427	3.826	61736994	42274208	50.000	50.000
System Monitoring Compounds						
2) S 2,4,5,6-T...	0.000	0.000	0	0	N.D.	N.D.
13) S DECACHLOR...	0.000	0.000	0	0	N.D.	N.D.
Target Compounds						
3) PCB1016-A	0.000	0.000	0	0	N.D. d	N.D. d
4) PCB1016-B	0.000	0.000	0	0	N.D.	N.D.
5) PCB1016-C	0.000	0.000	0	0	N.D.	N.D.
6) PCB1016-D	0.000	0.000	0	0	N.D. d	N.D. d
7) PCB1016-E	0.000	0.000	0	0	N.D.	N.D.
8) PCB1260-A	0.000	0.000	0	0	N.D.	N.D.
9) PCB1260-B	0.000	9.918	0	119814	N.D.	N.D.
10) PCB1260-C	0.000	0.000	0	0	N.D.	N.D.
11) PCB1260-D	0.000	0.000	0	0	N.D.	N.D.
12) PCB1260-E	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

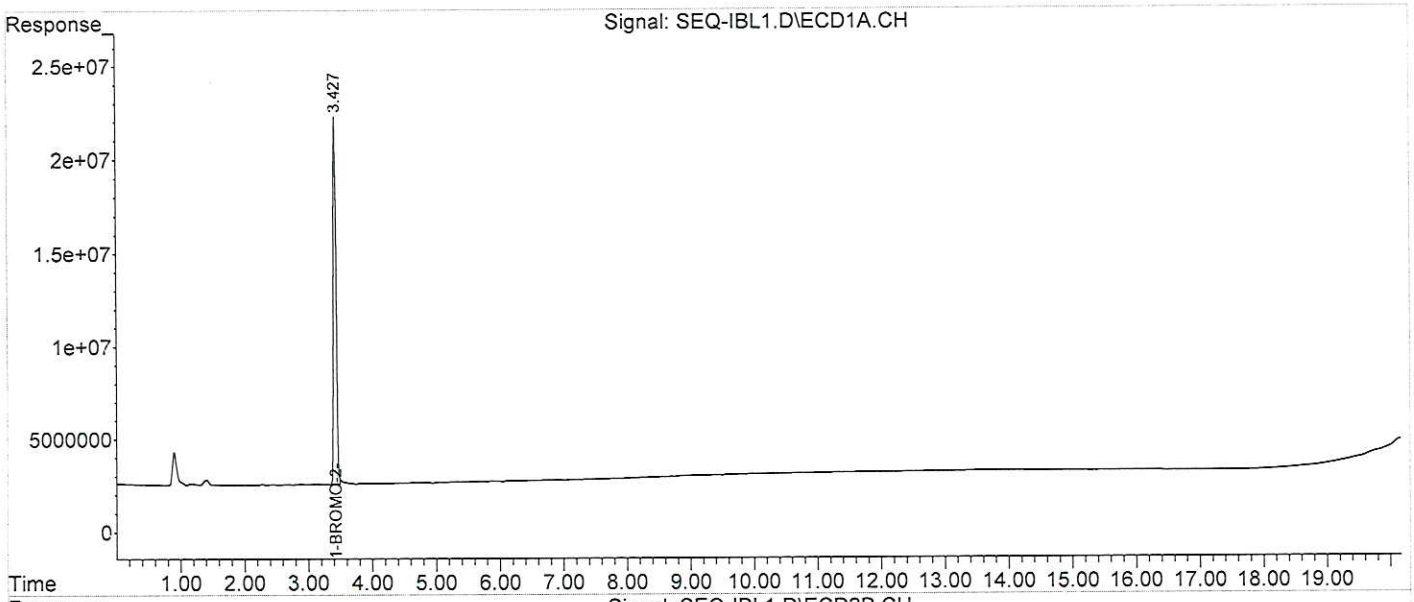
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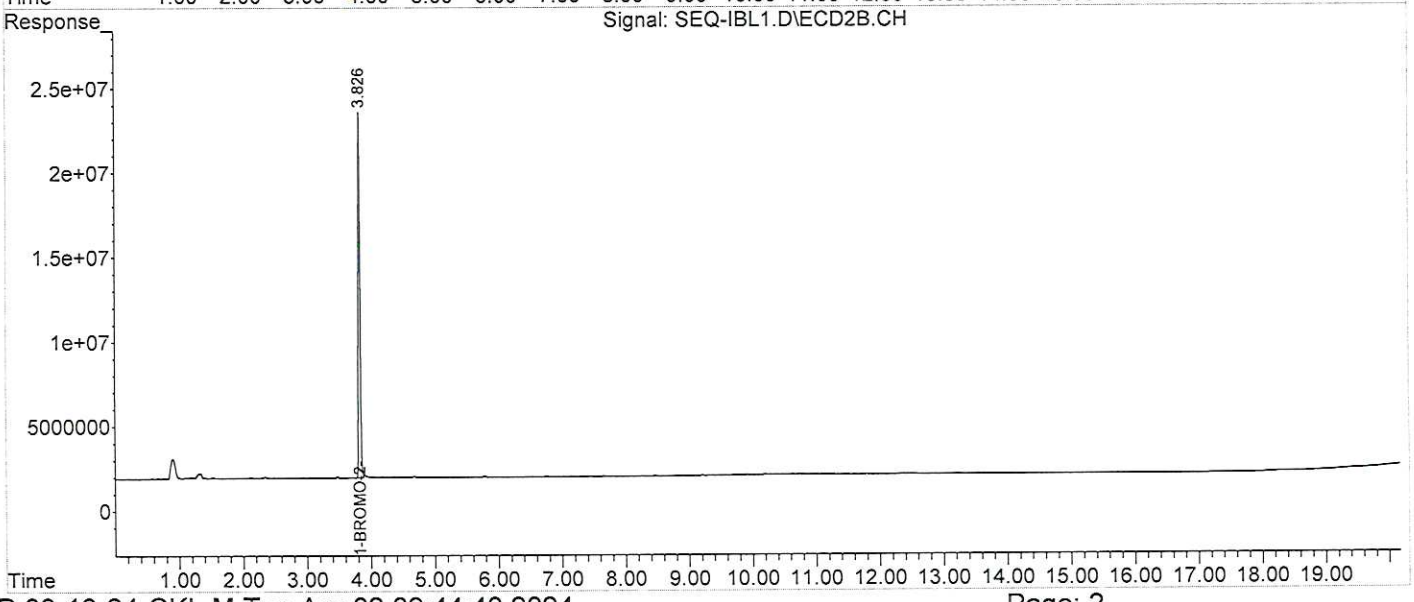
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 10:35 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 99 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 11:19:19 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-CCV3.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 2:46 pm
Operator : CKL
Sample : SEQ-CCV3
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:23:10 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.433	3.832	55962390	40192857	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.716	5.357	81518310	66467593	87.795	100.340
13) S	DECACHLOR...	12.716	16.182	89408248	58681688	118.992	98.388
	Target Compounds						
3)	PCB1016-A	5.833	6.724	3462838	3047644	93.839	110.300
4)	PCB1016-B	6.099	7.049	2183292	2284902	90.386	108.809m
5)	PCB1016-C	6.916	7.332	4334500	6220355	98.452	107.648
6)	PCB1016-D	7.199	7.507	3136179	2604036	98.987	101.515
7)	PCB1016-E	7.666	8.107	3336463	3297613	93.675m	110.183m
8)	PCB1260-A	8.683	9.640	4011310	4033035	107.162	106.550
9)	PCB1260-B	9.016	9.899	8751931	4553942	106.985m	113.144
10)	PCB1260-C	9.766	10.990	7301330	4424845	106.964m	109.510
11)	PCB1260-D	10.166	11.457	11616157	8095029	113.439	104.228
12)	PCB1260-E	10.566	12.240	11392175	9225119	106.968m	104.895m

SemiQuant Compounds - Not Calibrated on this Instrument

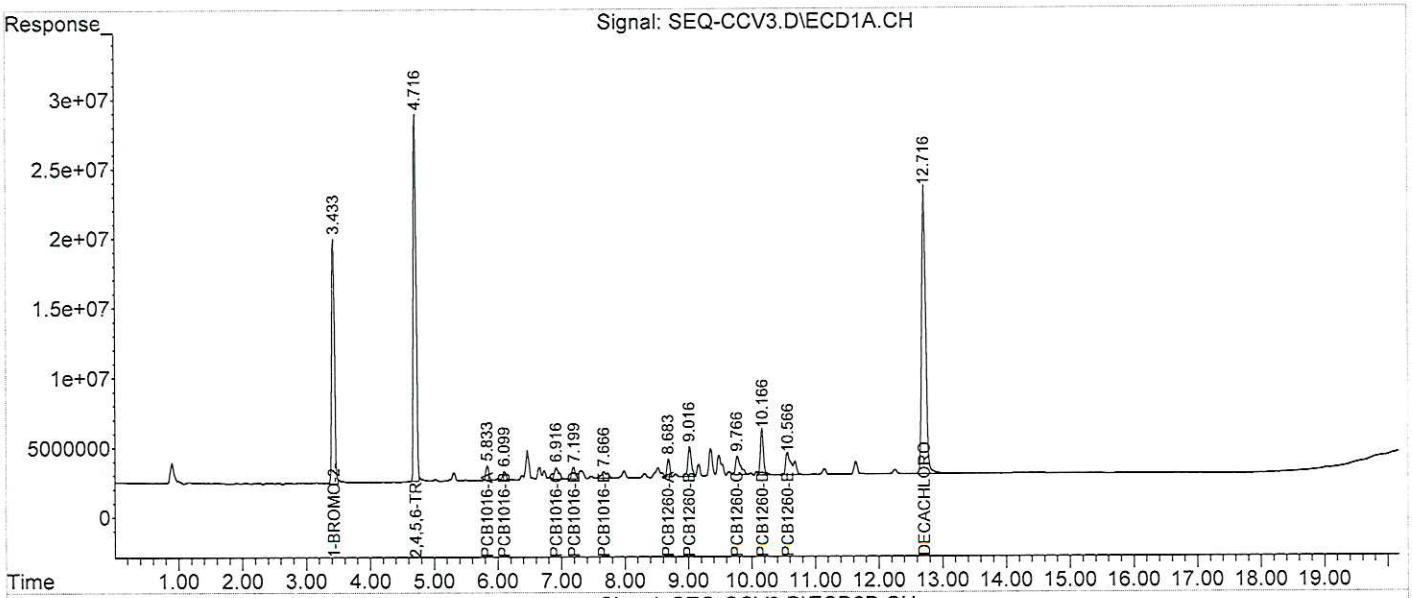
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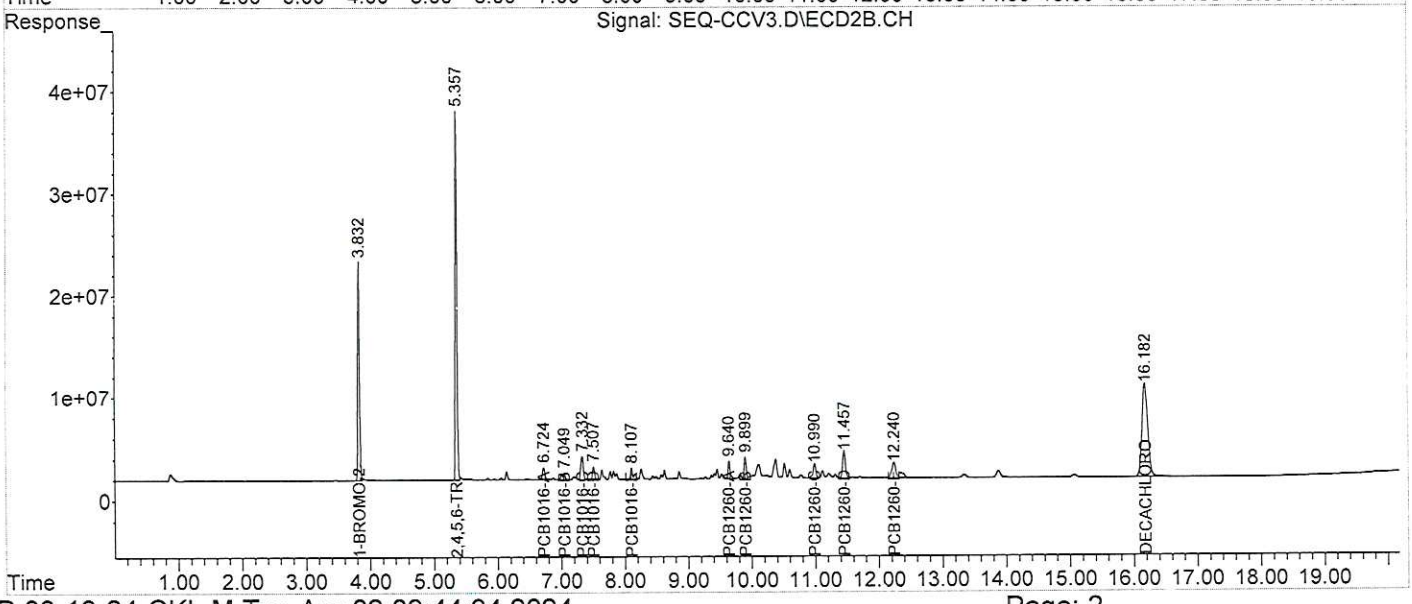
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-CCV3.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 2:46 pm
Operator : CKL
Sample : SEQ-CCV3
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:23:10 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 5:22 pm
Operator : CKL
Sample : B414015-BLK1
Misc :
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:24:30 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.438	3.813	55466631	41035162	50.000	50.000m
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.722	5.346	78313104	62060652	85.059	91.734
13) S	DECACHLOR...	12.738	16.171	85241799	55071535	114.344	89.849
	Target Compounds						
3)	PCB1016-A	0.000	0.000	0	0	N.D. d	N.D. d
4)	PCB1016-B	0.000	0.000	0	0	N.D. d	N.D. d
5)	PCB1016-C	0.000	0.000	0	0	N.D. d	N.D. d
6)	PCB1016-D	0.000	0.000	0	0	N.D.	N.D.
7)	PCB1016-E	0.000	0.000	0	0	N.D. d	N.D. d
8)	PCB1260-A	0.000	0.000	0	0	N.D. d	N.D. d
9)	PCB1260-B	0.000	9.913	0	164191	N.D.	N.D.
10)	PCB1260-C	0.000	0.000	0	0	N.D.	N.D.
11)	PCB1260-D	0.000	0.000	0	0	N.D.	N.D.
12)	PCB1260-E	0.000	0.000	0	0	N.D. d	N.D. d

SemiQuant Compounds - Not Calibrated on this Instrument

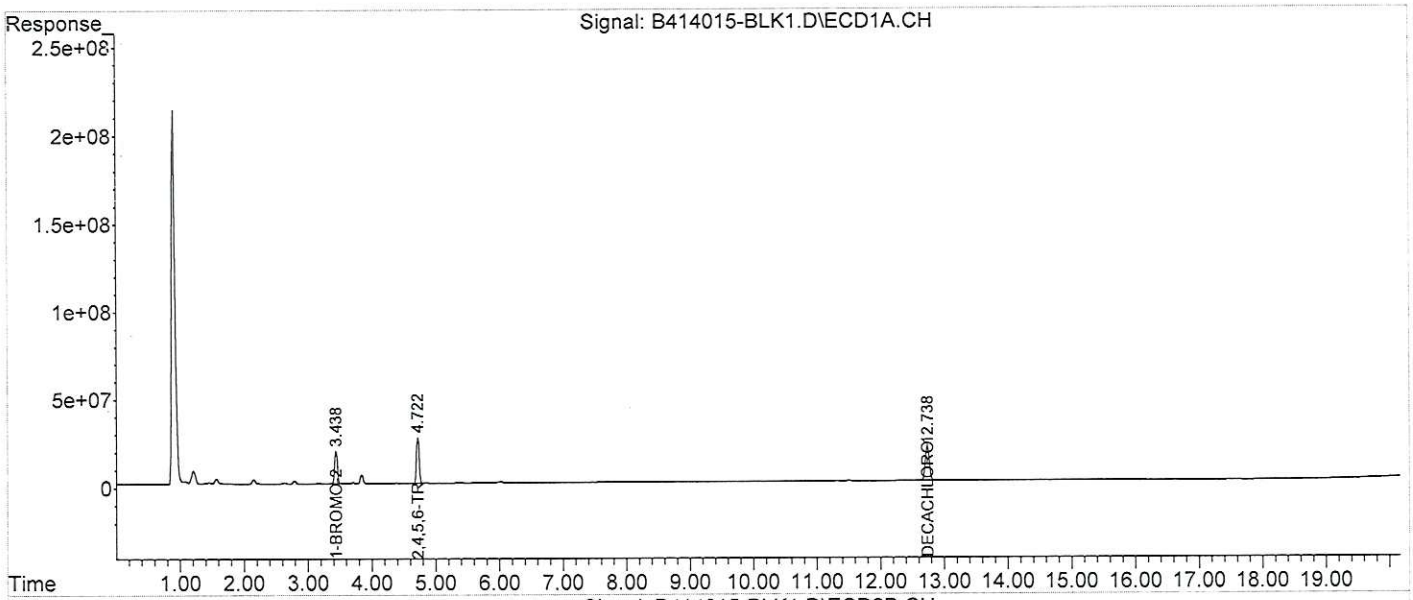
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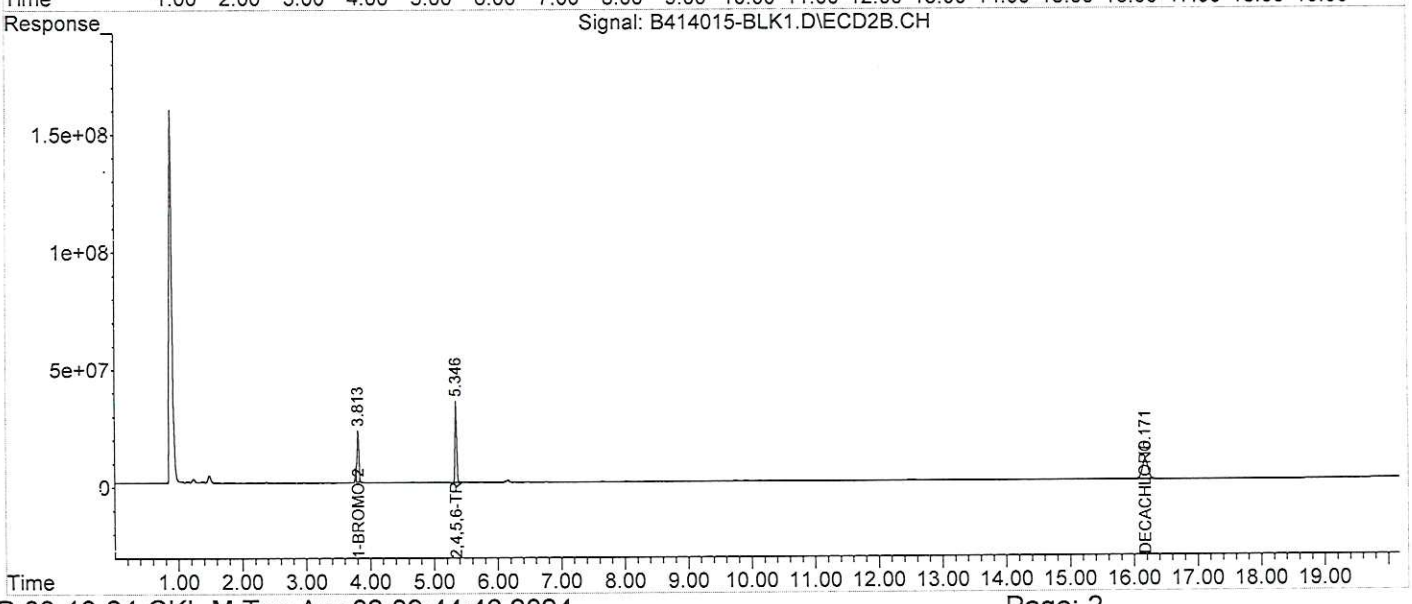
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 5:22 pm
Operator : CKL
Sample : B414015-BLK1
Misc :
ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:24:30 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 5:45 pm
Operator : CKL
Sample : B414015-BS1
Misc :
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:25:49 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.421	3.829	57945288	42923857	50.000	50.000m
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.704	5.362	72519476	58465144	75.256	82.582
13) S	DECACHLOR...	12.721	16.179	77729122	51747427	99.416	79.967
	Target Compounds						
3)	PCB1016-A	5.838	6.720	3588322	3306657	93.914	112.113
4)	PCB1016-B	6.104	7.045	2755923	2441524	110.561	108.871m
5)	PCB1016-C	6.921	7.329	4689877	6710224	103.007	108.782
6)	PCB1016-D	7.188	7.504	3497857	2943808	106.849	107.695
7)	PCB1016-E	7.671	8.104	4341267	3549747	118.624m	111.088m
8)	PCB1260-A	8.688	9.645	4746127	4414596	123.003	109.352
9)	PCB1260-B	9.021	9.895	9943804	4643860	117.789m	107.798
10)	PCB1260-C	9.771	10.995	8518684	4738120	120.785m	109.814
11)	PCB1260-D	10.154	11.454	12683929	9062408	119.740m	109.501
12)	PCB1260-E	10.554	12.237	13405035	9875850	121.728m	105.159m
	SemiQuant Compounds - Not Calibrated on this Instrument						

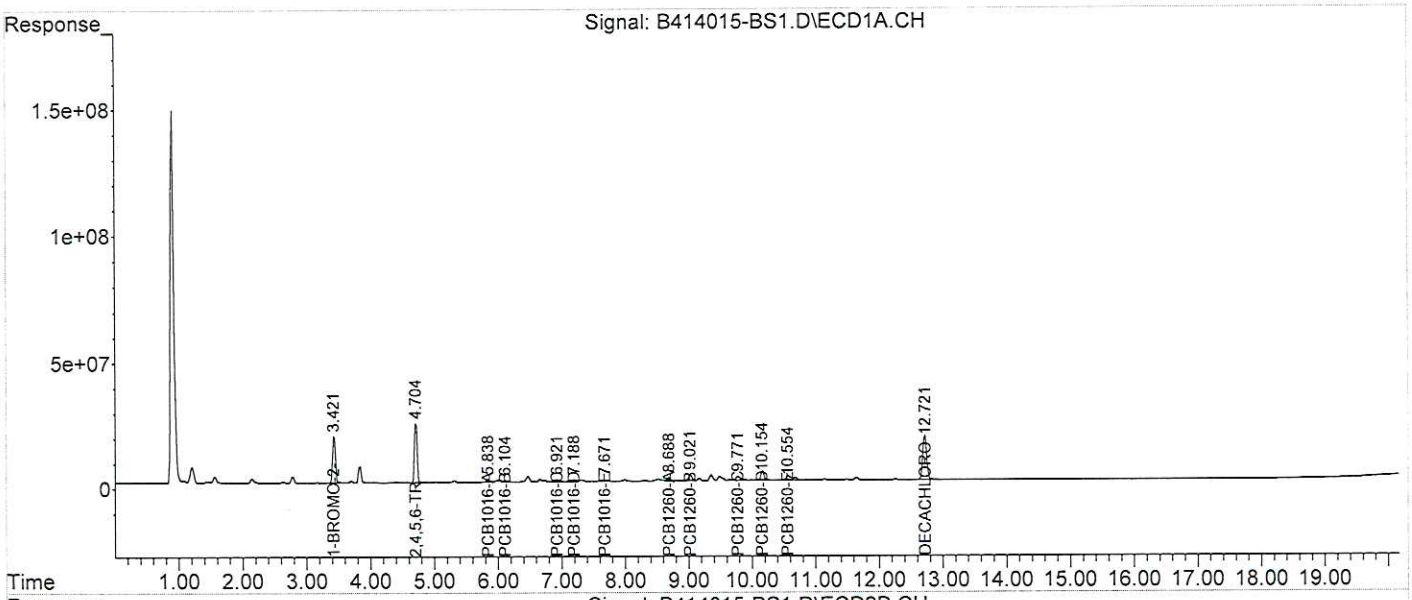
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

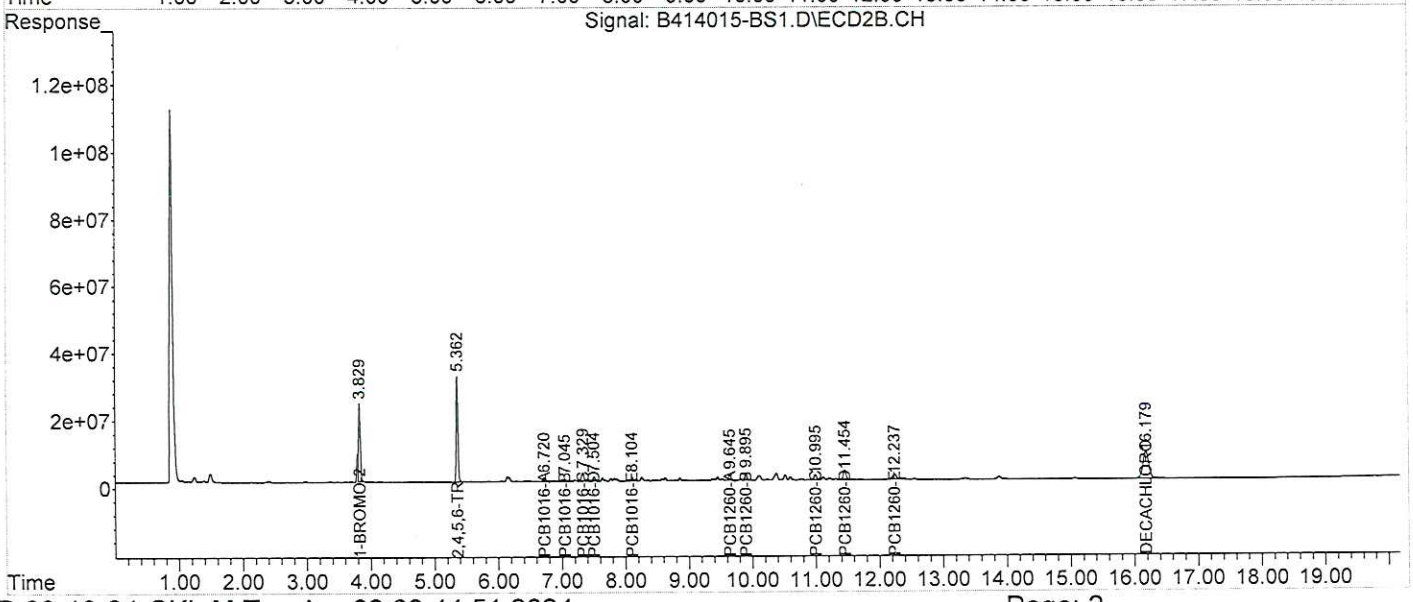
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 5:45 pm
Operator : CKL
Sample : B414015-BS1
Misc :
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:25:49 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-MS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:08 pm
Operator : CKL
Sample : B414015-MS1
Misc :
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:26:51 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.422	3.829	55855479	40295362	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.705	5.363	51653811	41944988	55.285	63.030
13) S	DECACHLOR...	12.722	16.180	44789314	31833414	58.195	49.879
	Target Compounds						
3)	PCB1016-A	5.838	6.721	2572922	2227351	69.011	79.499
4)	PCB1016-B	6.105	7.046	1302115	1567197	53.325	73.493m#
5)	PCB1016-C	6.922	7.330	2453716	5792248	54.609	99.665 #
6)	PCB1016-D	7.189	7.505	1686710	2028784	52.003	77.989 #
7)	PCB1016-E	7.655	8.104	3469297	3068839	97.739m	102.040m
8)	PCB1260-A	8.655	9.646	7901312	2377560	215.236	60.308 #
9)	PCB1260-B	9.039	9.896	7271422	3327476	88.400	81.025
10)	PCB1260-C	9.789	10.988	5775363	2635585	84.351	63.413
11)	PCB1260-D	10.155	11.454	7057495	5550350	68.243m	69.697
12)	PCB1260-E	10.555	12.238	9687255	6043022	90.952m	67.143m#

SemiQuant Compounds - Not Calibrated on this Instrument

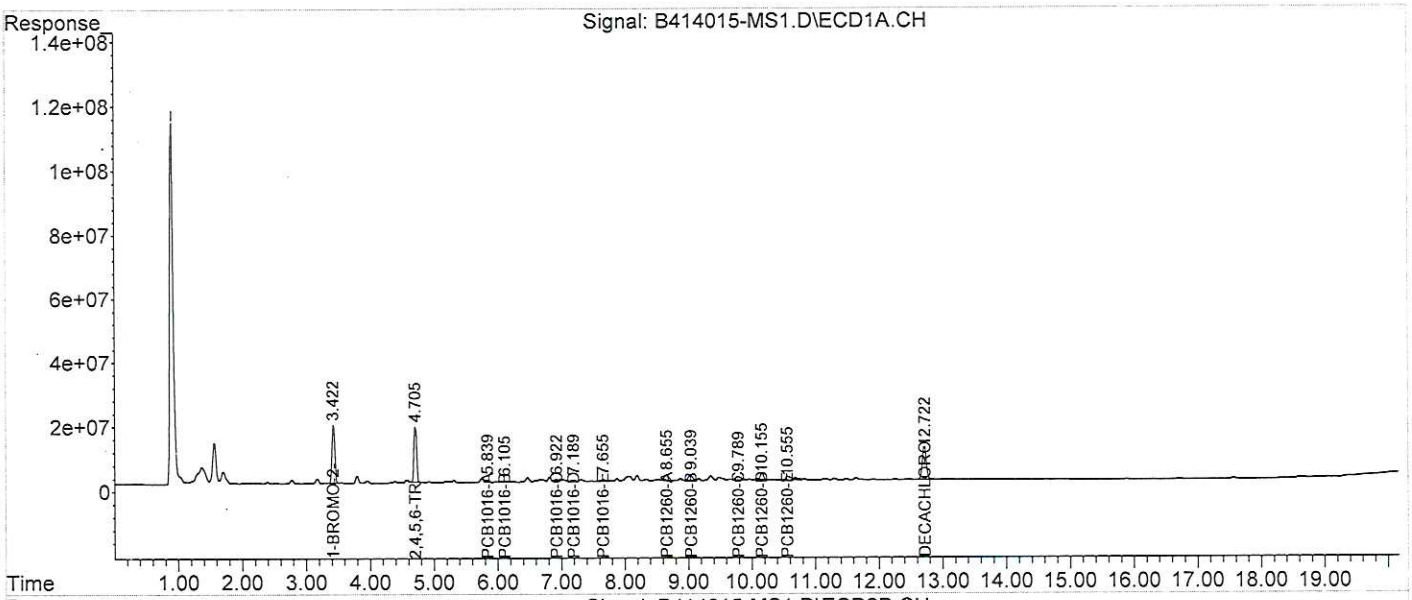
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

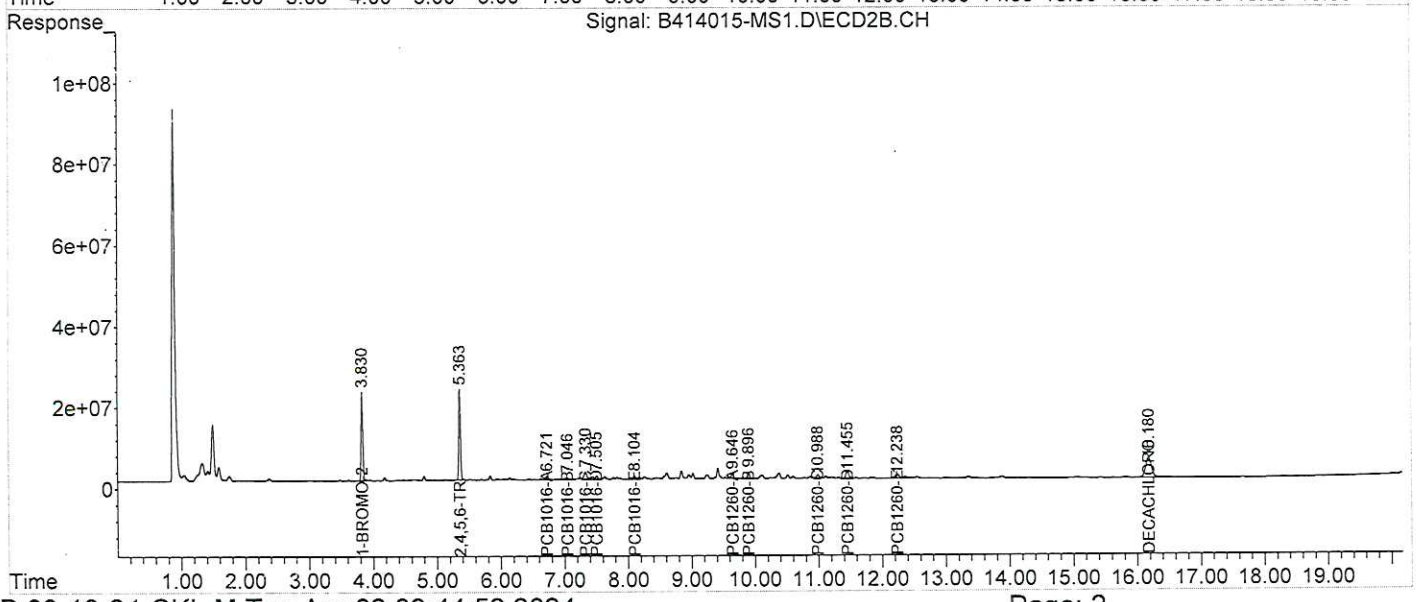
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-MS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:08 pm
Operator . CKL
Sample : B414015-MS1
Misc :
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:26:51 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-MSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:32 pm
Operator : CKL
Sample : B414015-MSD1
Misc :
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:27:41 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) I 1-BROMO-2...	3.422	3.829	52673163	38422685	50.000	50.000
System Monitoring Compounds						
2) S 2,4,5,6-T...	4.705	5.363	60708469	48887038	69.207	77.119
13) S DECACHLOR...	12.722	16.179	59629529	41015179	83.421	69.969
Target Compounds						
3) PCB1016-A	5.838	6.721	3057233	2928209	87.816	110.877 #
4) PCB1016-B	6.105	7.046	1506965	1897620	65.829	94.135m#
5) PCB1016-C	6.922	7.329	5033379	7482613	122.130m	136.616
6) PCB1016-D	7.188	7.504	1937325	2895665	63.970	118.742 #
7) PCB1016-E	7.655	8.104	4237428	4032384	127.637m	141.872m
8) PCB1260-A	8.655	9.646	9985234	2842747	289.746	77.068 #
9) PCB1260-B	9.022	9.896	8998390	4240170	117.240	110.064
10) PCB1260-C	9.788	10.988	6759541	3499908	105.178	89.909
11) PCB1260-D	10.155	11.454	8170475	7320090	84.249	98.321
12) PCB1260-E	10.555	12.238	10173341	7490320	101.426m	88.487m

SemiQuant Compounds - Not Calibrated on this Instrument

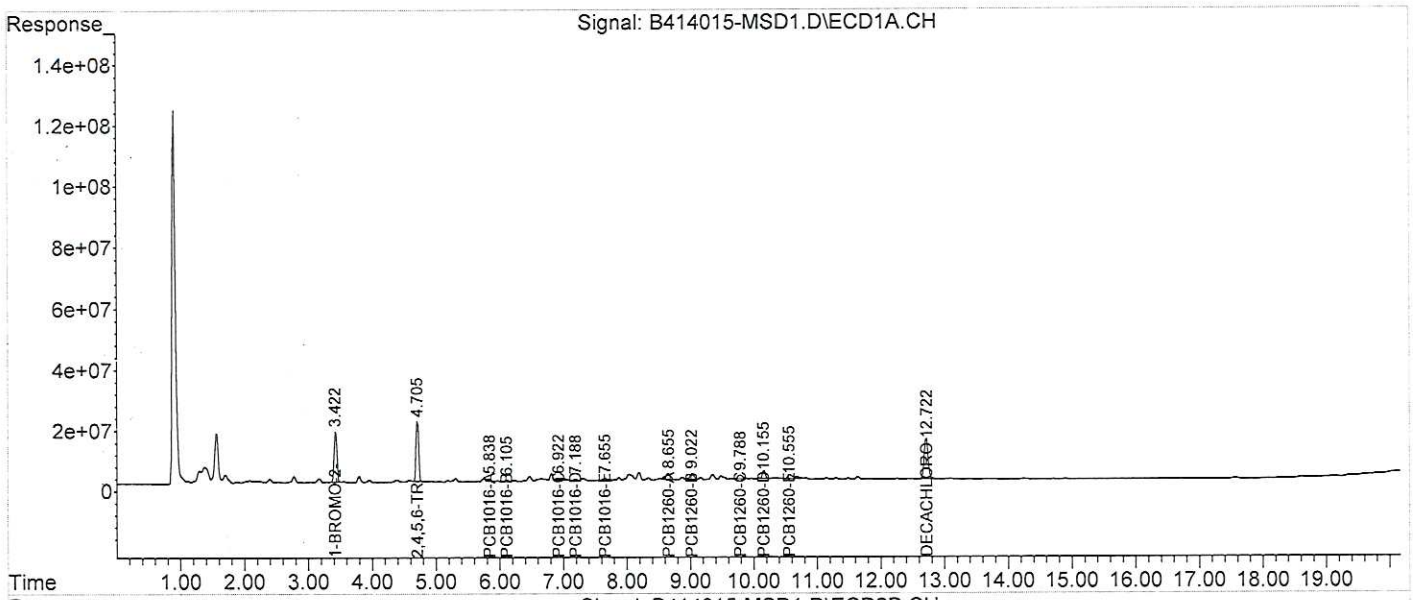
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

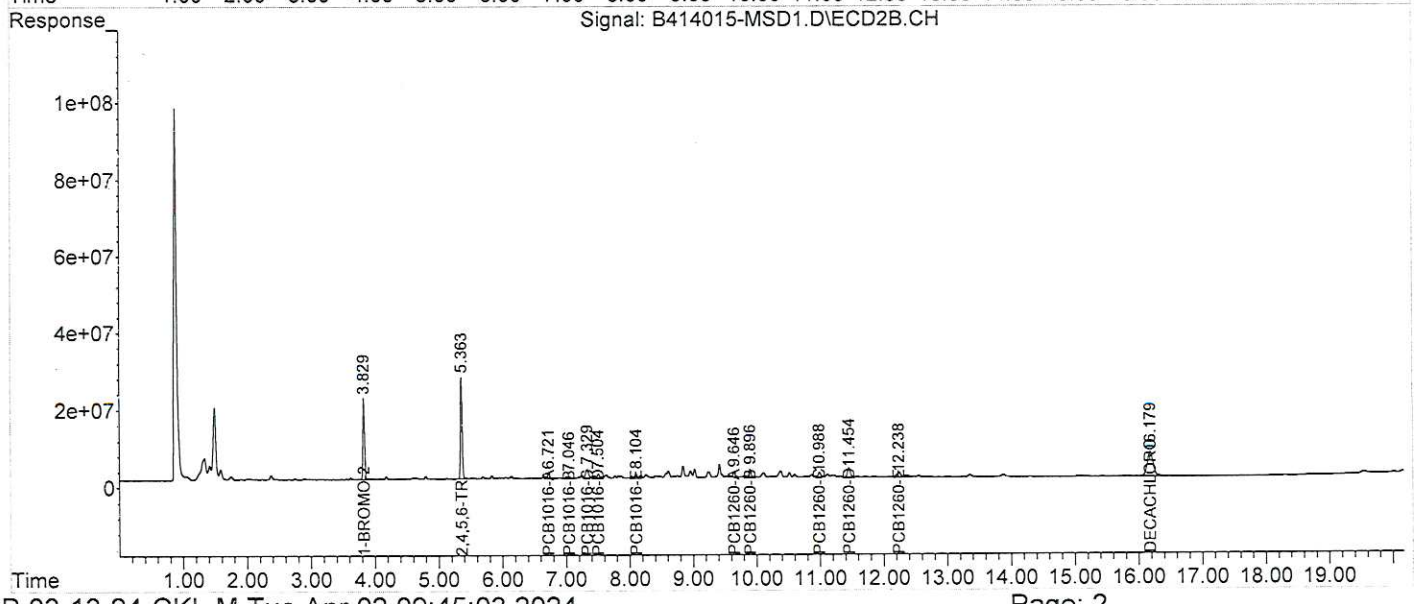
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414015-MSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:32 pm
Operator : CKL
Sample : B414015-MSD1
Misc :
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:27:41 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:55 pm
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:22:56 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.422	3.830	62835591	41940701	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.705	5.363	67580281	55521340	64.498	80.252
13) S	DECACHLOR...	12.705	16.180	72882622	49680303	85.547	78.444
	Target Compounds						
3)	PCB1016-A	0.000	0.000	0	0	N.D. d	N.D. d
4)	PCB1016-B	0.000	0.000	0	0	N.D. d	N.D. d
5)	PCB1016-C	0.000	0.000	0	0	N.D. d	N.D. d
6)	PCB1016-D	0.000	0.000	0	0	N.D. d	N.D. d
7)	PCB1016-E	0.000	0.000	0	0	N.D. d	N.D. d
8)	PCB1260-A	0.000	0.000	0	0	N.D. d	N.D. d
9)	PCB1260-B	0.000	0.000	0	0	N.D. d	N.D. d
10)	PCB1260-C	0.000	0.000	0	0	N.D. d	N.D. d
11)	PCB1260-D	0.000	0.000	0	0	N.D. d	N.D. d
12)	PCB1260-E	0.000	0.000	0	0	N.D. d	N.D. d

SemiQuant Compounds - Not Calibrated on this Instrument

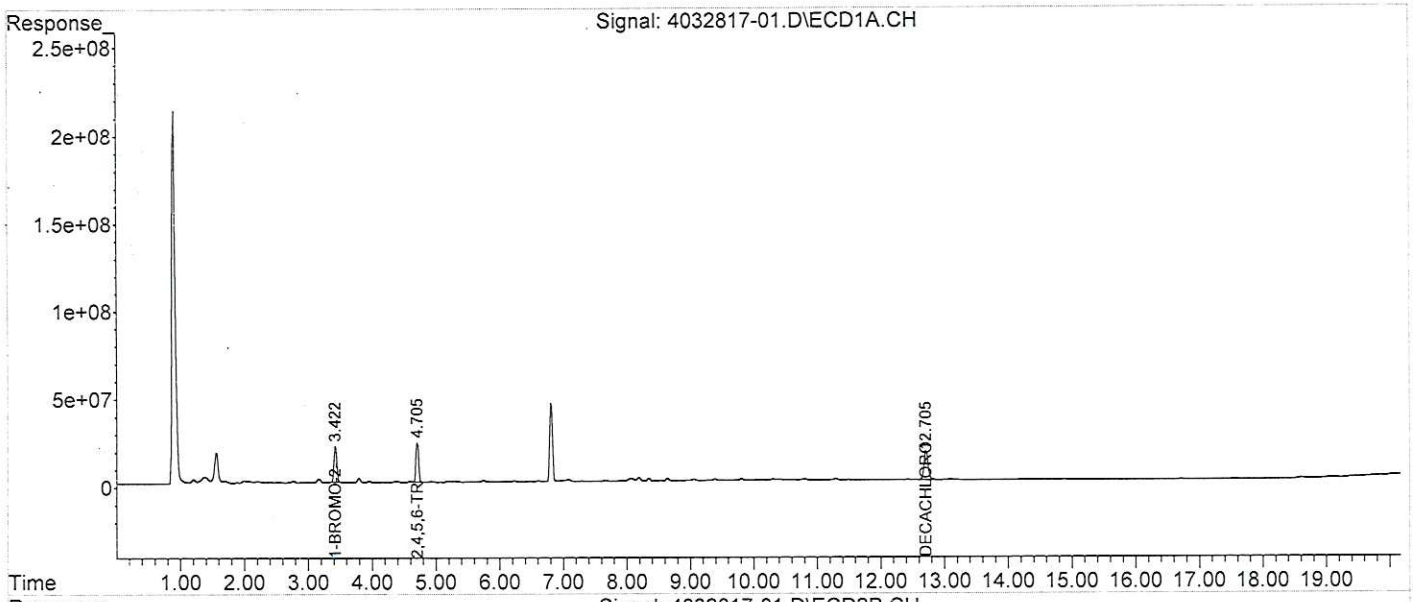
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

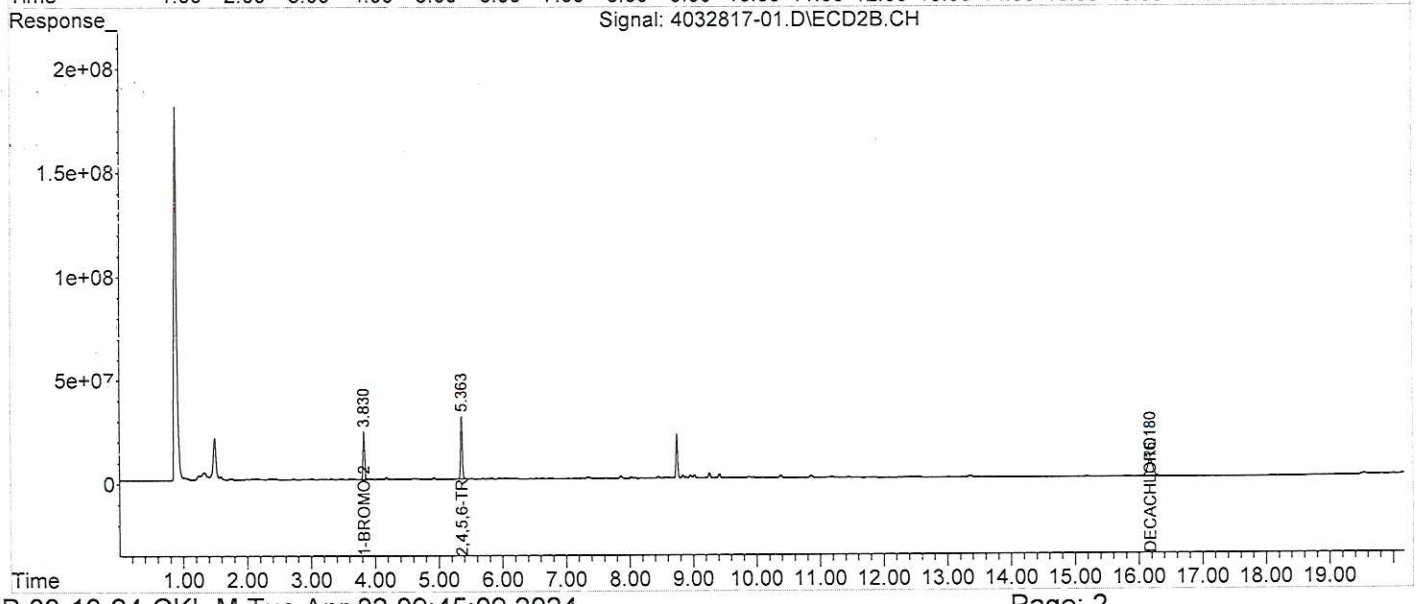
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 6:55 pm
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:22:56 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 7:18 pm
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:23:19 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) I 1-BROMO-2...	3.422	3.829	53351942	39855254	50.000	50.000
System Monitoring Compounds						
2) S 2,4,5,6-T...	4.705	5.363	66895054	53132414	75.399	80.820
13) S DECACHLOR...	12.705	16.179	72042369	47948425	100.096	79.786
Target Compounds						
3) PCB1016-A	0.000	0.000	0	0	N.D. d	N.D. d
4) PCB1016-B	0.000	0.000	0	0	N.D. d	N.D. d
5) PCB1016-C	0.000	0.000	0	0	N.D. d	N.D. d
6) PCB1016-D	0.000	0.000	0	0	N.D. d	N.D. d
7) PCB1016-E	0.000	0.000	0	0	N.D. d	N.D. d
8) PCB1260-A	0.000	0.000	0	0	N.D. d	N.D. d
9) PCB1260-B	0.000	0.000	0	0	N.D. d	N.D. d
10) PCB1260-C	0.000	0.000	0	0	N.D. d	N.D. d
11) PCB1260-D	0.000	0.000	0	0	N.D. d	N.D. d
12) PCB1260-E	0.000	0.000	0	0	N.D. d	N.D. d
SemiQuant Compounds - Not Calibrated on this Instrument						

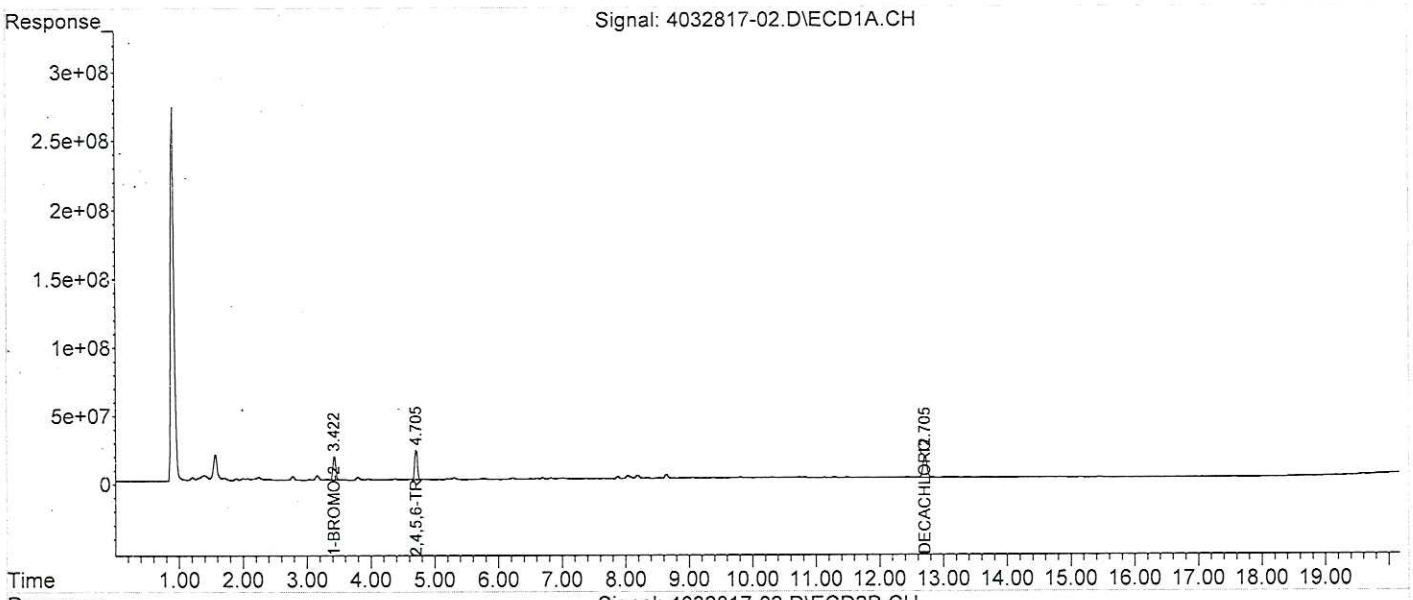
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

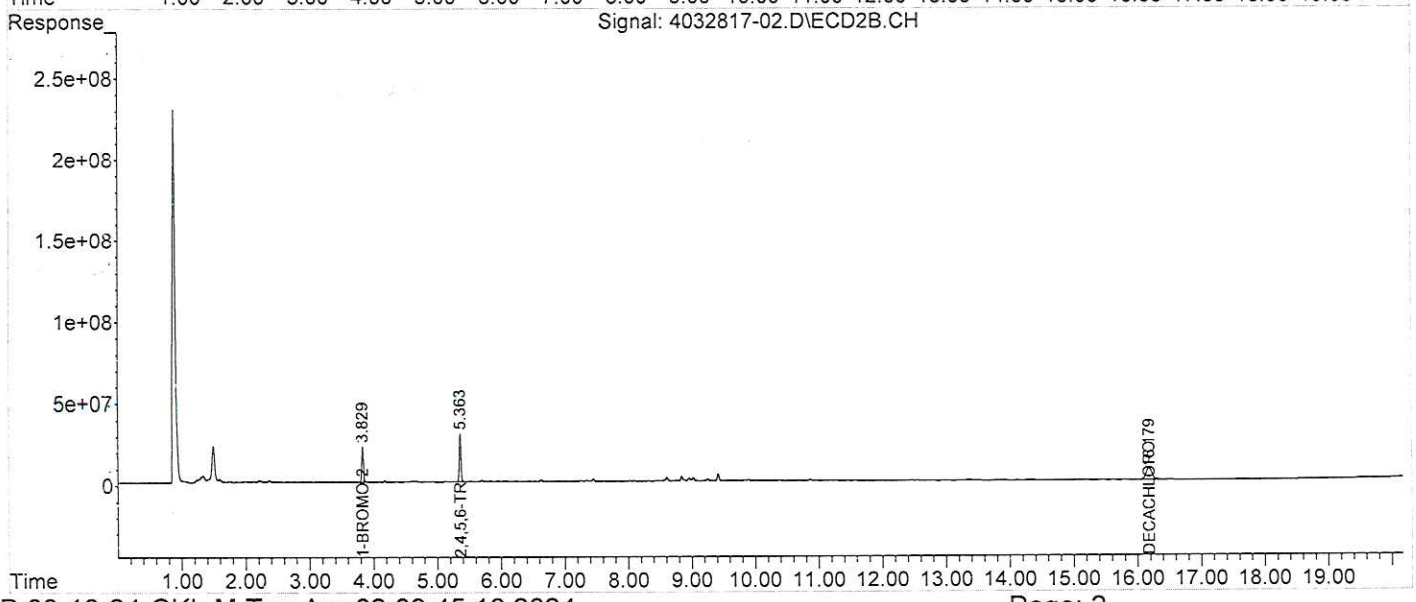
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Apr 2024 7:18 pm
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:23:19 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PREPARATION BENCH SHEET

Printed: 4/2/2024 11:27:14AM

Analysis
NYC Part 375 PCB

B414054

Long Island Analytical Laboratories, Inc.

Prepared using: EPA 608.3

Surrogate Solution
2401894 8080 Surrogate 100 ppm Working

Spiking Solution
2401938 8082 100 PPM spiking std

Matrix: Non-Potable Water

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414054-BLK1	Blank			04/02/2024 09:07	1000	10		10	
B414054-BS1	LCS			04/02/2024 09:07	1000	10	10	10	
B414054-BSD1	LCS Dup			04/02/2024 09:07	1000	10	10	10	
4032817-10	Equipment Blank	04/03/202	04/04/202	04/02/2024 09:07	1000	10		10	48 Hr Rush - Cat B!!!

copper cleanup

S414028

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2105149	Copper, Granular	123090BO
2201900	Silica Gel	22D0161005
2202162	Sulfuric Acid, Concentrated	22D0862014
2400249	Sodium Sulfate Anhydrous, Heated	21I0261021
2400532	Hexanes (95% n-hexane)	23I2762002
2401529	Methylene Chloride	EI190-US

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-IBL2.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 6:11 pm
Operator : CKL
Sample : SEQ-IBL2
Misc :
ALS Vial : 99 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:30:30 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) I 1-BROMO-2...	3.422	3.830	58233578	40836846	50.000	50.000
System Monitoring Compounds						
2) S 2,4,5,6-T...	0.000	0.000	0	0	N.D.	N.D.
13) S DECACHLOR...	0.000	0.000	0	0	N.D.	N.D.
Target Compounds						
3) PCB1016-A	0.000	0.000	0	0	N.D.	N.D.
4) PCB1016-B	0.000	0.000	0	0	N.D.	N.D.
5) PCB1016-C	0.000	0.000	0	0	N.D.	N.D.
6) PCB1016-D	0.000	0.000	0	0	N.D.	N.D.
7) PCB1016-E	0.000	0.000	0	0	N.D.	N.D.
8) PCB1260-A	0.000	0.000	0	0	N.D.	N.D.
9) PCB1260-B	0.000	0.000	0	0	N.D.	N.D.
10) PCB1260-C	0.000	0.000	0	0	N.D.	N.D.
11) PCB1260-D	0.000	0.000	0	0	N.D.	N.D.
12) PCB1260-E	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

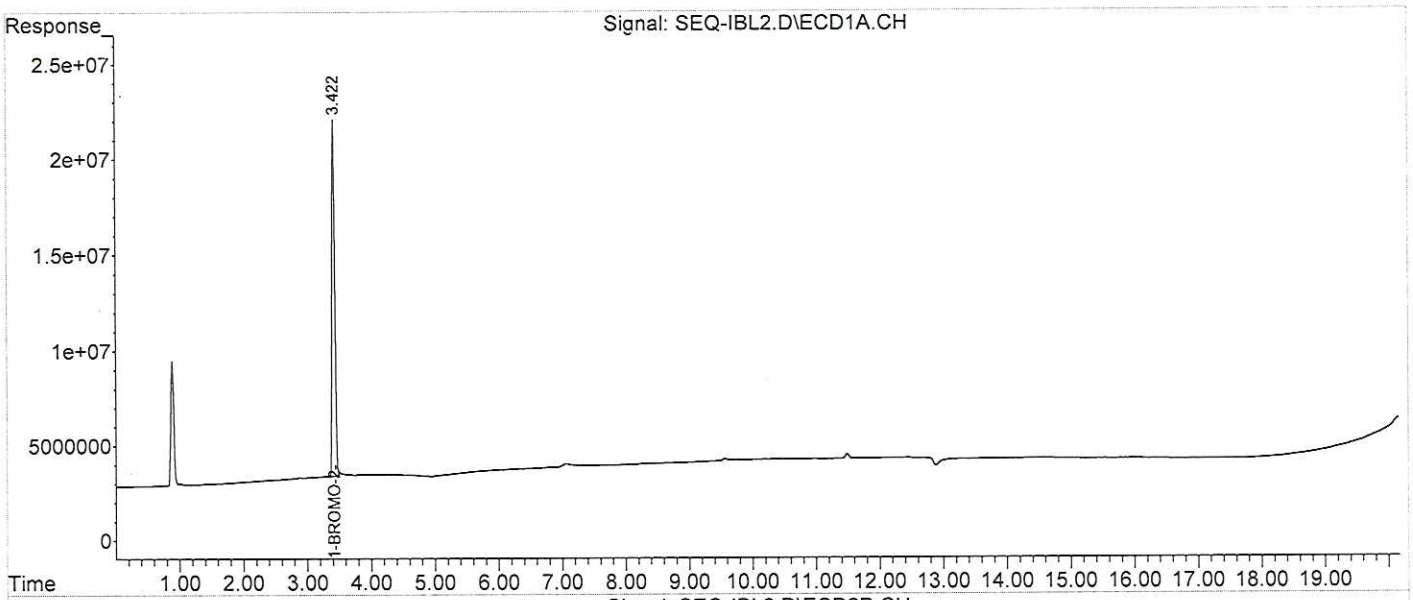
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

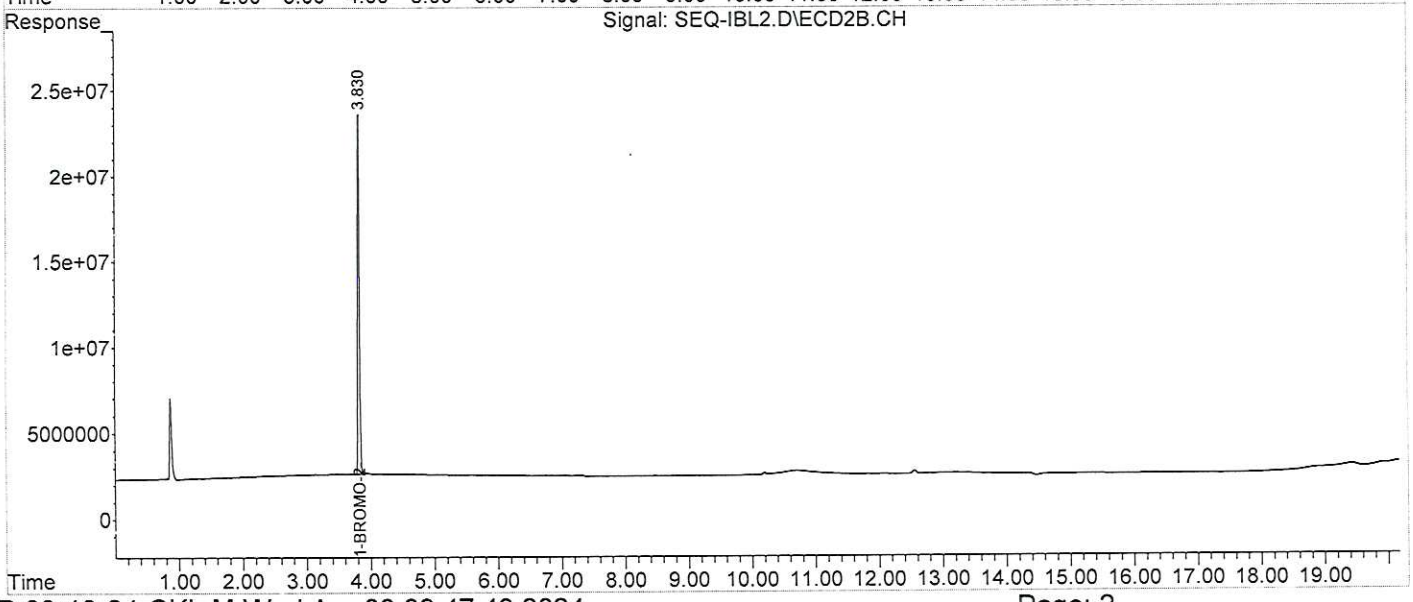
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-IBL2.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 6:11 pm
Operator : CKL
Sample : SEQ-IBL2
Misc :
ALS Vial : 99 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:30:30 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV2.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 6:34 pm
Operator : CKL
Sample : SEQ-CCV2
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:28:39 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.422	3.830	60167541	40844832	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.705	5.355	90578686	68174989	90.777	101.278
13) S	DECACHLOR...	12.705	16.180	89943434	59797802	111.140	98.680
	Target Compounds						
3)	PCB1016-A	5.839	6.721	3284496	2889555	82.396	102.685
4)	PCB1016-B	6.105	7.046	2107025	2107517	80.958	98.482m
5)	PCB1016-C	6.922	7.330	4666788	6105984	98.595	103.829
6)	PCB1016-D	7.189	7.505	3785591	2565590	111.489	98.296
7)	PCB1016-E	7.672	8.105	3506513	3117775	91.489m	102.280m
8)	PCB1260-A	8.689	9.646	4195594	4033553	104.147	104.772
9)	PCB1260-B	9.022	9.896	9315040	4192884	105.871m	102.012
10)	PCB1260-C	9.772	10.996	7372376	4135796	100.333m	100.397
11)	PCB1260-D	10.155	11.455	11844683	8043028	107.479	101.793
12)	PCB1260-E	10.555	12.238	11228147	9102430	97.957m	101.731m

SemiQuant Compounds - Not Calibrated on this Instrument

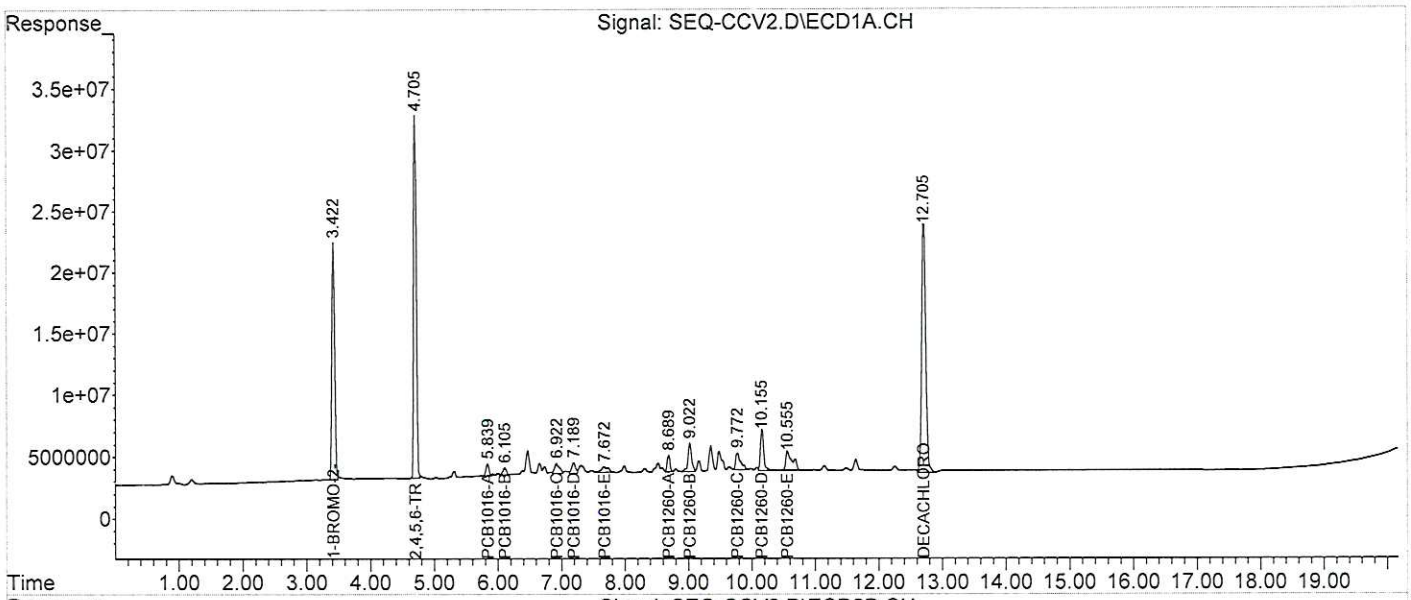
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

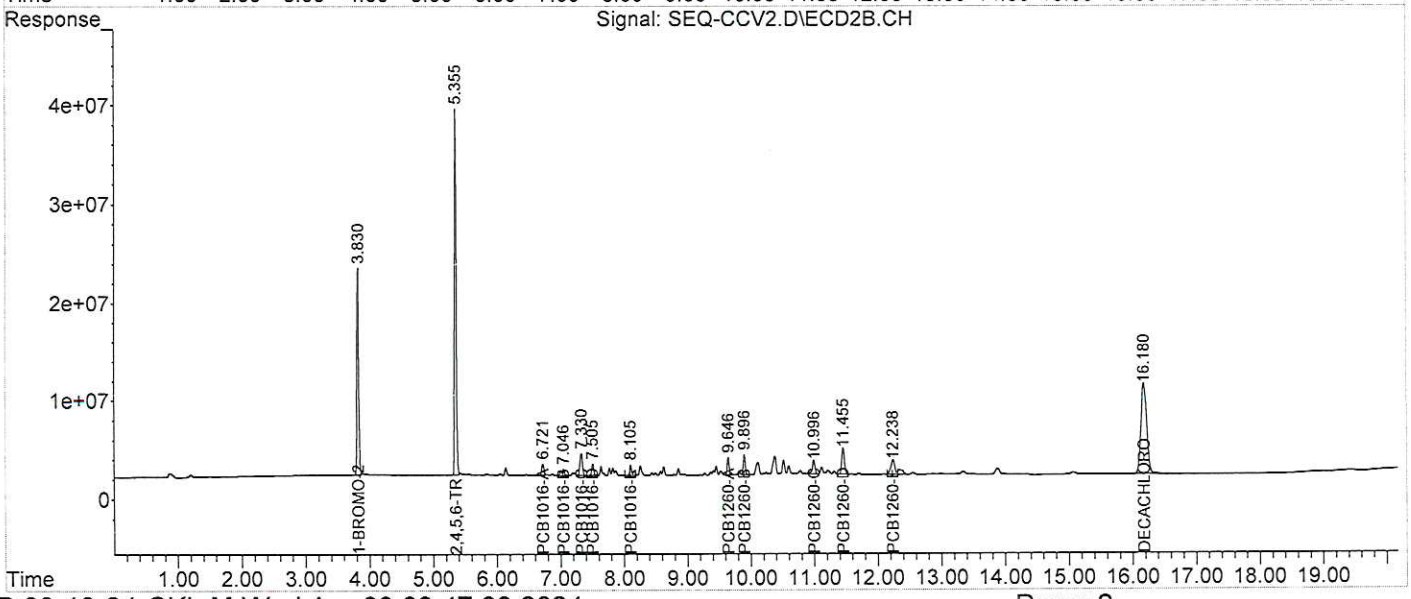
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV2.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 6:34 pm
Operator : CKL
Sample : SEQ-CCV2
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:28:39 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:03 pm
Operator : CKL
Sample : B414054-BLK1
Misc :
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:12 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.428	3.827	55825779	40031970	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.711	5.361	72549465	57896348	78.193	87.708
13) S	DECACHLOR...	12.711	16.177	79734905	52169849	106.052	87.036
	Target Compounds						
3)	PCB1016-A	0.000	0.000	0	0	N.D.	N.D.
4)	PCB1016-B	0.000	0.000	0	0	N.D.	N.D.
5)	PCB1016-C	0.000	0.000	0	0	N.D.	N.D.
6)	PCB1016-D	0.000	0.000	0	0	N.D.	N.D.
7)	PCB1016-E	0.000	0.000	0	0	N.D.	N.D.
8)	PCB1260-A	0.000	0.000	0	0	N.D.	N.D.
9)	PCB1260-B	0.000	0.000	0	0	N.D.	N.D.
10)	PCB1260-C	0.000	0.000	0	0	N.D.	N.D.
11)	PCB1260-D	0.000	0.000	0	0	N.D.	N.D.
12)	PCB1260-E	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

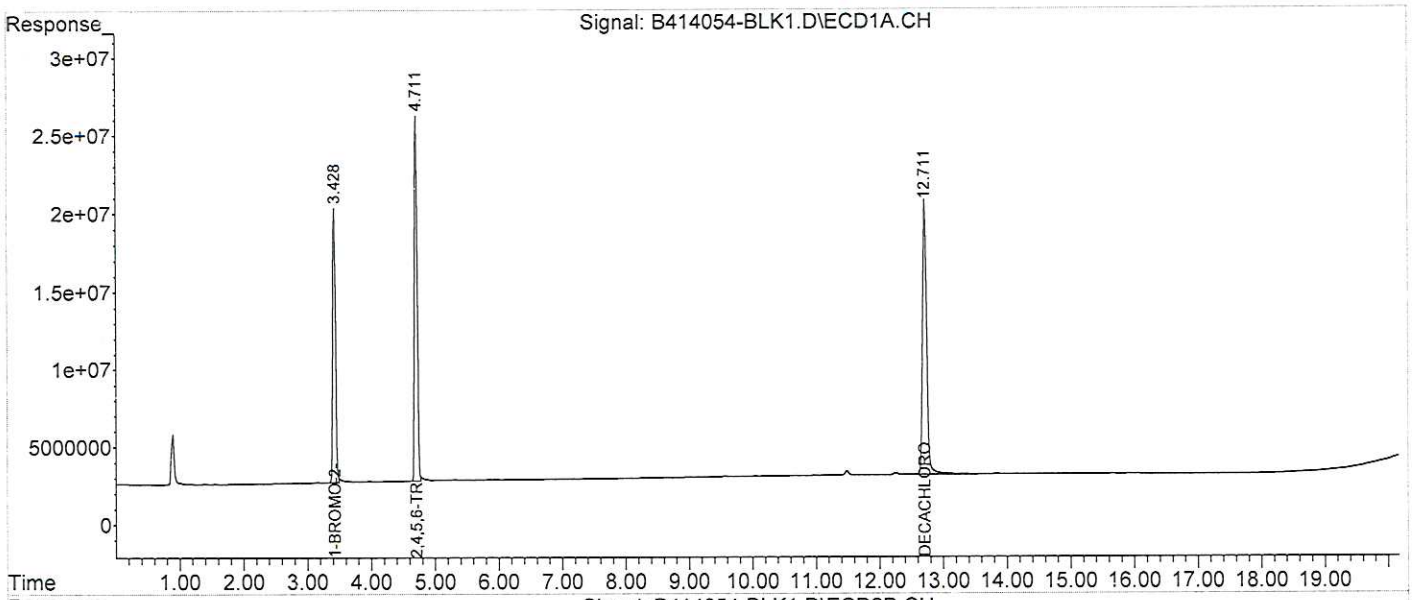
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

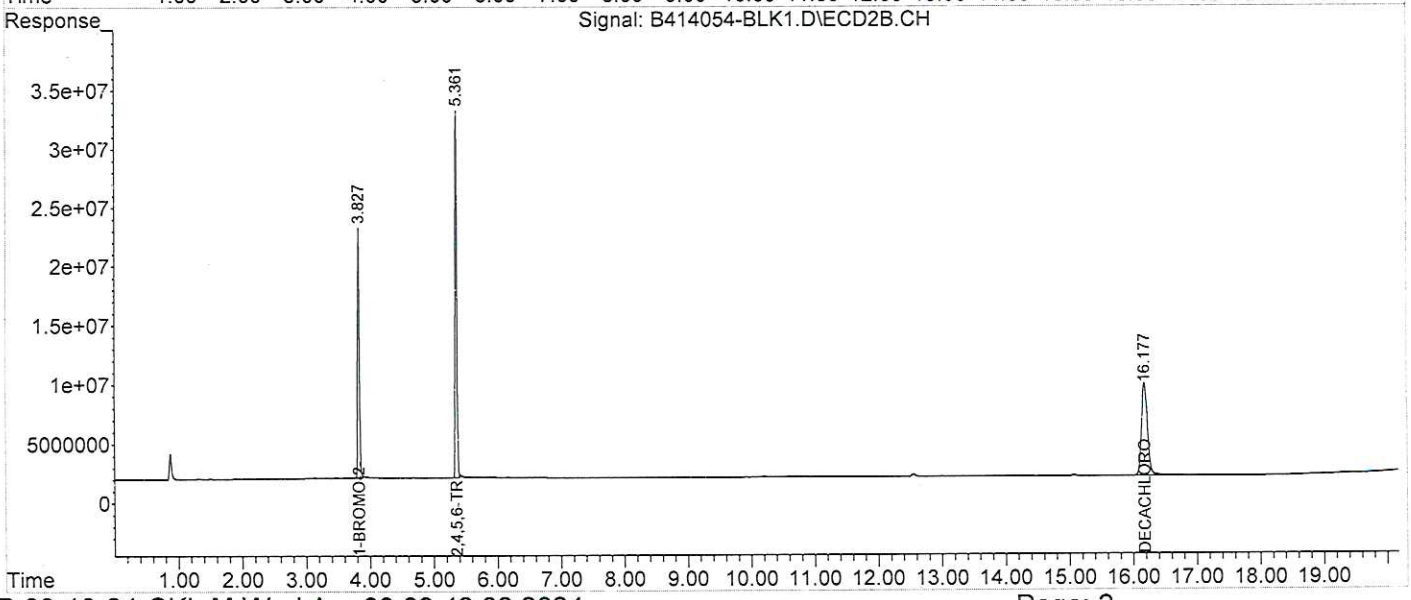
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:03 pm
Operator : CKL
Sample : B414054-BLK1
Misc :
ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:12 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:26 pm
Operator : CKL
Sample : B414054-BS1
Misc :
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:20 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.427	3.827	59202294	42356770	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.711	5.360	69884203	55694345	70.911	79.709
13) S	DECACHLOR...	12.711	16.185	77559326	50558078	97.021	79.102
	Target Compounds						
3)	PCB1016-A	5.827	6.718	2968633	2478285	75.417	84.347
4)	PCB1016-B	6.111	7.043	1898025	1853233	73.973	83.052m
5)	PCB1016-C	6.911	7.327	3619531	5226271	77.114	84.915
6)	PCB1016-D	7.194	7.510	2638520	2279161	78.129	83.627
7)	PCB1016-E	7.661	8.102	3146212	2699605	83.114m	84.850m
8)	PCB1260-A	8.694	9.643	3420085	3436982	85.620	85.074
9)	PCB1260-B	9.027	9.902	7733779	3543348	88.720m	82.151
10)	PCB1260-C	9.777	10.993	6944994	3831610	95.972	89.259
11)	PCB1260-D	10.161	11.452	10031991	6928475	92.227	83.708
12)	PCB1260-E	10.561	12.243	10546748	7794901	93.457m	83.307m

SemiQuant Compounds - Not Calibrated on this Instrument

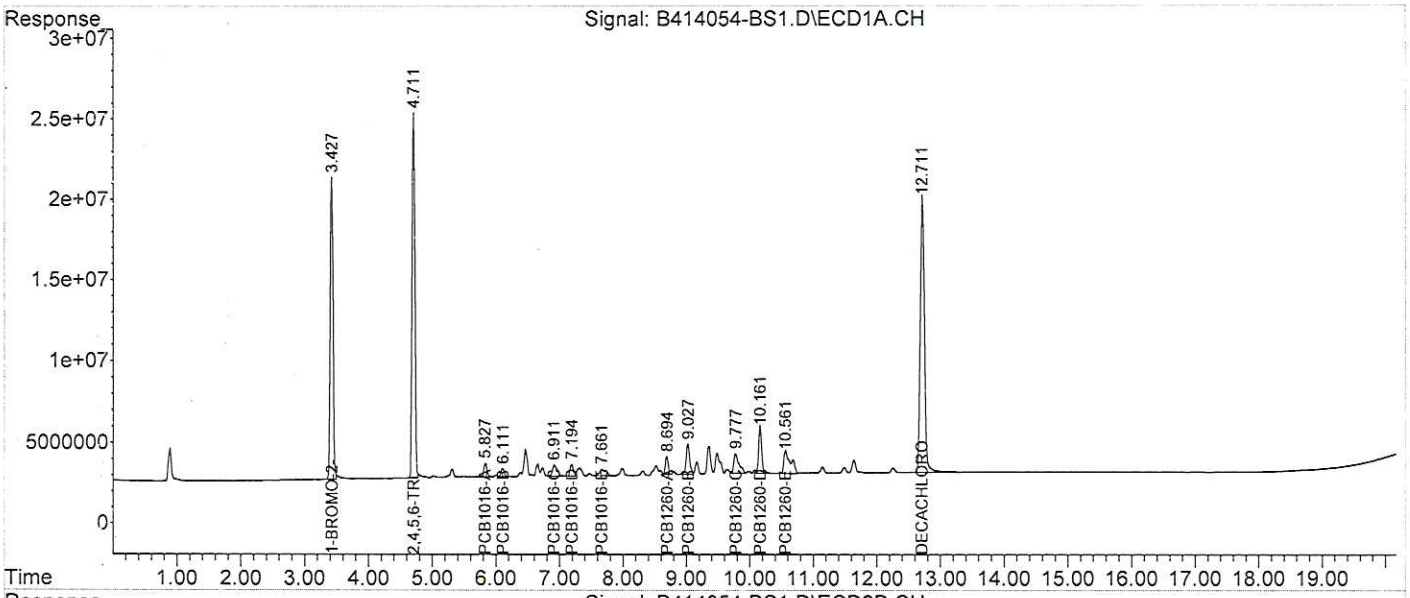
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

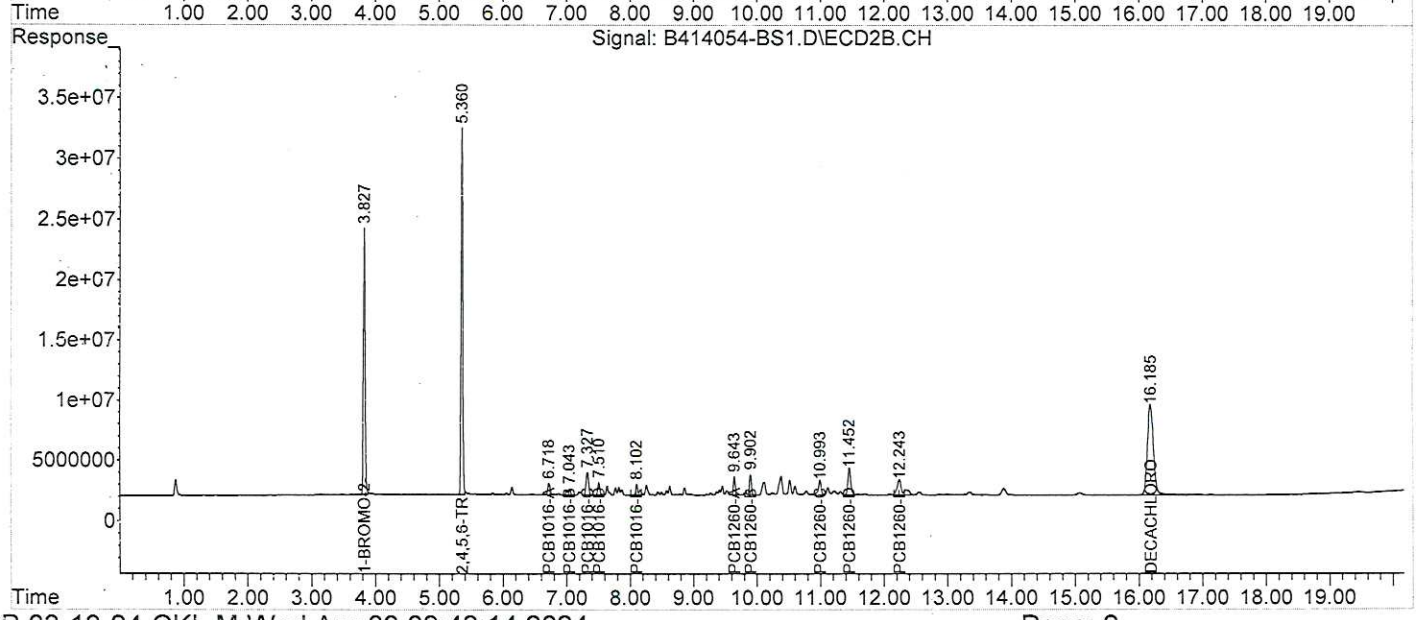
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:26 pm
Operator : CKL
Sample : B414054-BS1
Misc :
ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:20 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:49 pm
Operator : CKL
Sample : B414054-BSD1
Misc :
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:55 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.427	3.827	55536030	39598760	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.711	5.360	69850002	55429036	75.637	84.877
13) S	DECACHLOR...	12.711	16.177	77623390	50727113	103.717	85.430
	Target Compounds						
3)	PCB1016-A	5.827	6.718	2942621	2541633	79.878	92.852
4)	PCB1016-B	6.111	7.043	2097831	1860071	87.461	89.385m
5)	PCB1016-C	6.911	7.327	3742448	5207468	85.288	90.798
6)	PCB1016-D	7.194	7.510	2605366	2296296	82.393	90.438
7)	PCB1016-E	7.661	8.102	3028761	2709887	85.387m	91.351m
8)	PCB1260-A	8.694	9.643	3457973	3454326	92.583	91.886
9)	PCB1260-B	9.027	9.902	7803934	3585322	95.728m	89.350
10)	PCB1260-C	9.777	10.993	6417914	3800522	94.513m	94.949
11)	PCB1260-D	10.161	11.452	10126651	7015159	99.401	91.075
12)	PCB1260-E	10.561	12.243	10457916	7799673	98.857m	89.447m
	SemiQuant Compounds - Not Calibrated on this Instrument						

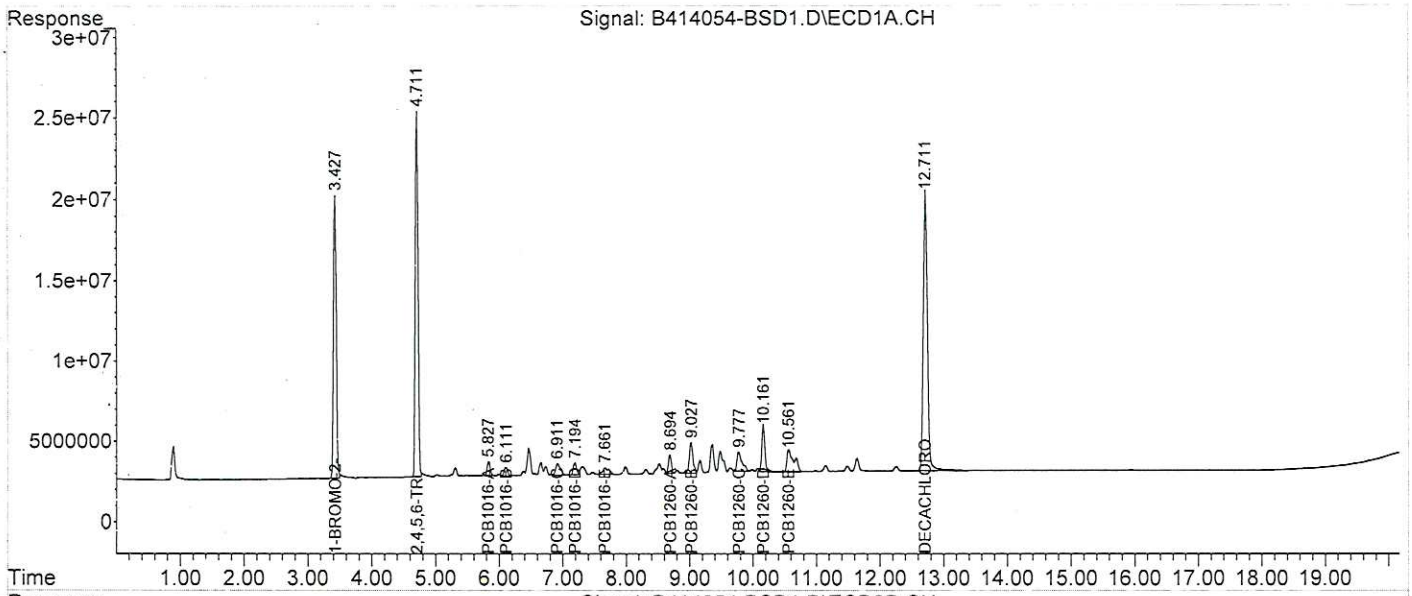
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

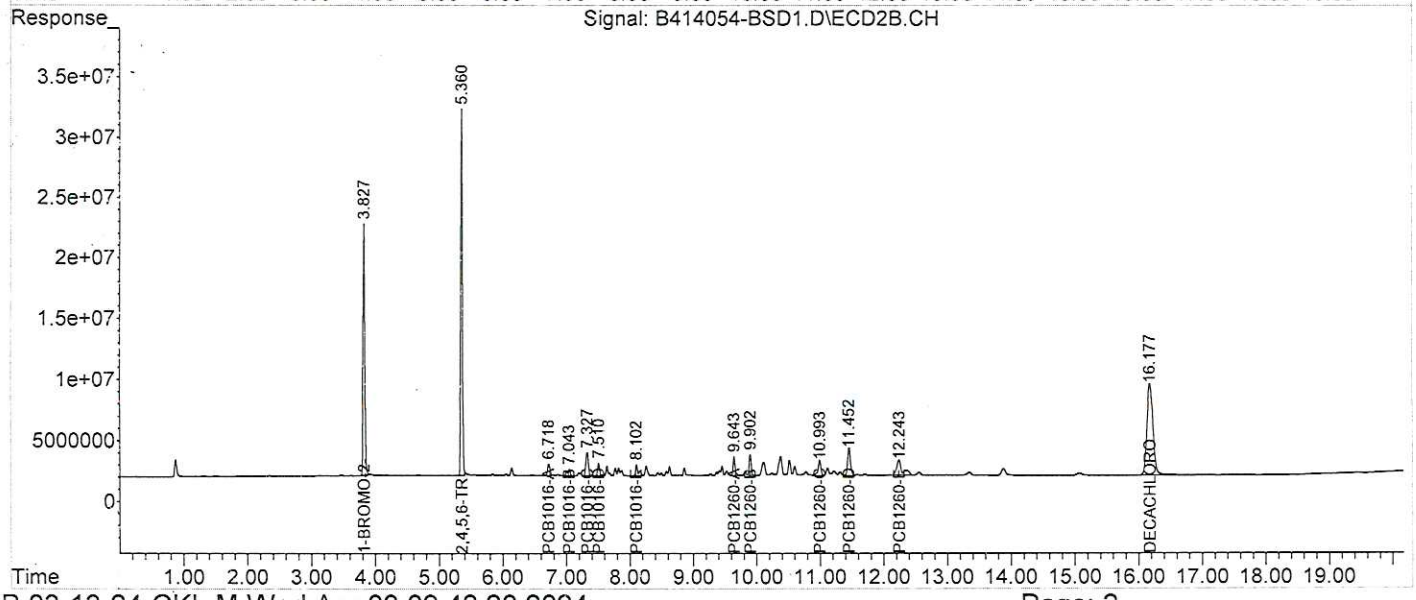
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414054-BSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:49 pm
Operator : CKL
Sample : B414054-BSD1
Misc :
ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:25:55 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:12 pm
Operator : CKL
Sample : 4032817-10
Misc :
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:14:53 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.428	3.827	62736594	38544300	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.711	5.360	71829734	57786046	68.742	90.932 #
13) S	DECACHLOR...	12.711	16.177	87155148	57277369	103.068	100.272
	Target Compounds						
3)	PCB1016-A	0.000	0.000	0	0	N.D. d	N.D. d
4)	PCB1016-B	0.000	0.000	0	0	N.D. d	N.D. d
5)	PCB1016-C	0.000	0.000	0	0	N.D. d	N.D. d
6)	PCB1016-D	0.000	0.000	0	0	N.D. d	N.D. d
7)	PCB1016-E	0.000	0.000	0	0	N.D. d	N.D. d
8)	PCB1260-A	0.000	0.000	0	0	N.D.	N.D.
9)	PCB1260-B	0.000	0.000	0	0	N.D. d	N.D. d
10)	PCB1260-C	0.000	0.000	0	0	N.D.	N.D.
11)	PCB1260-D	0.000	0.000	0	0	N.D.	N.D.
12)	PCB1260-E	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

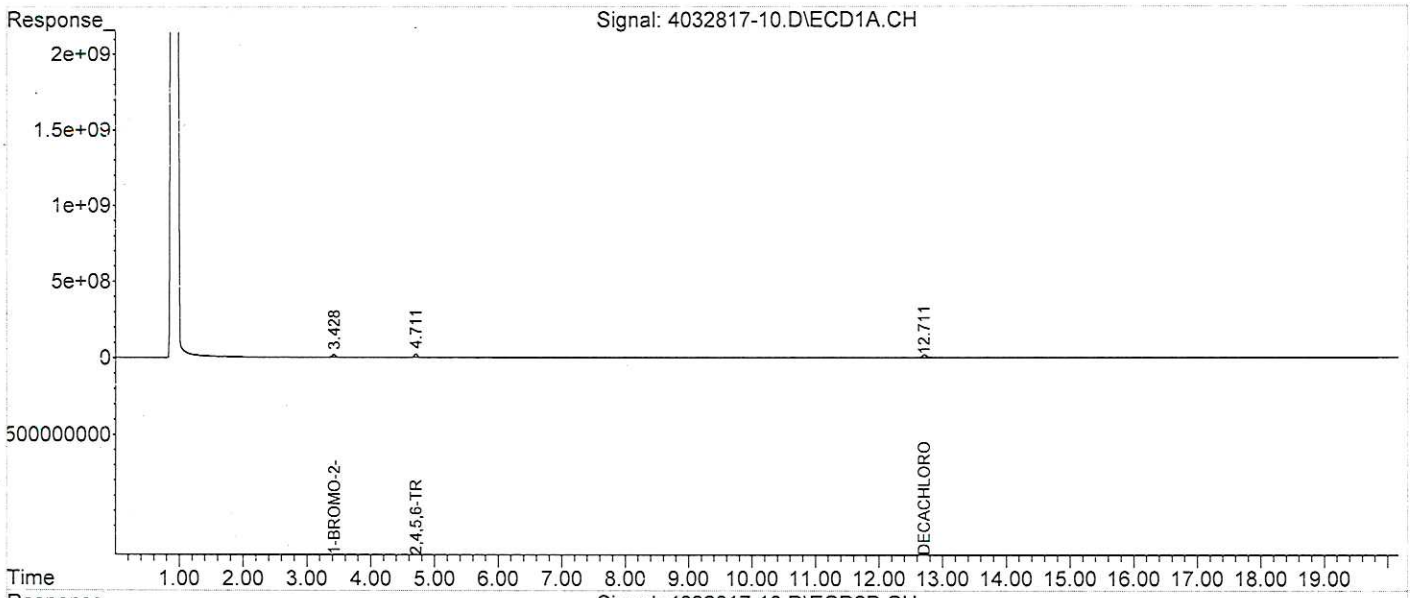
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

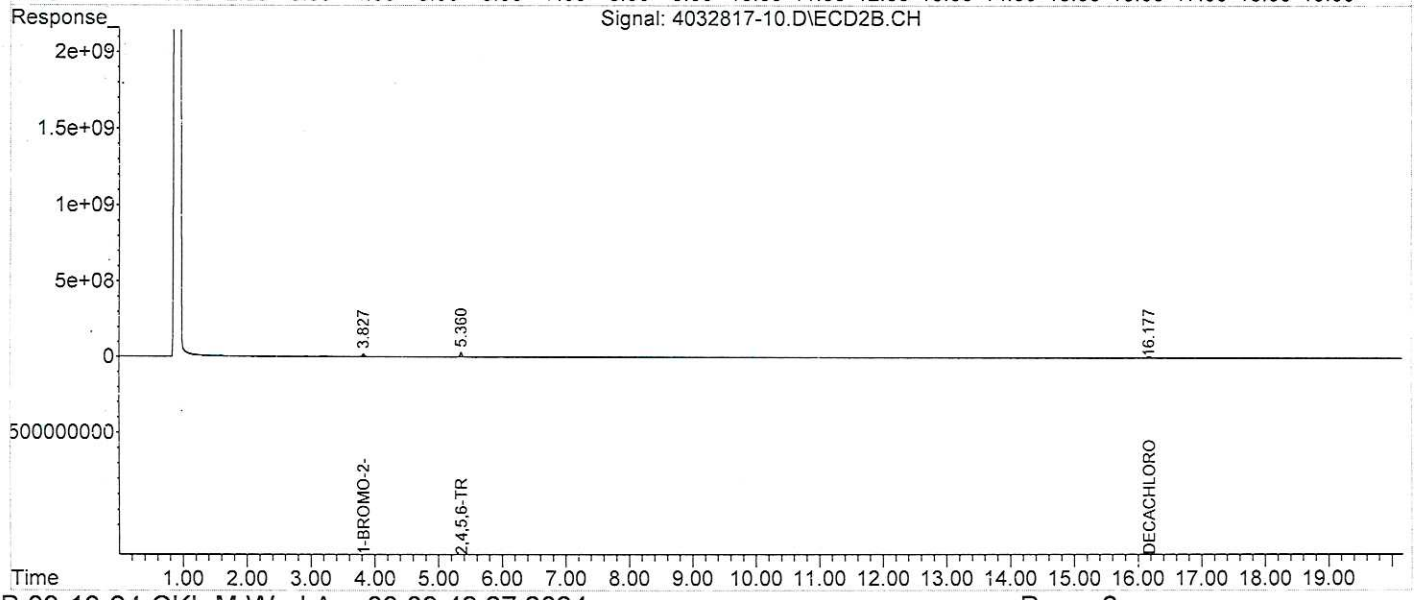
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:12 pm
Operator : CKL
Sample : 4032817-10
Misc :
ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:14:53 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV3.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:36 pm
Operator : CKL
Sample : SEQ-CCV3
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:29:27 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1) I	1-BROMO-2...	3.428	3.827	59184996	42530730	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6-T...	4.711	5.360	87280204	69906255	88.898	99.728
13) S	DECACHLOR...	12.711	16.177	98363133	63255691	123.905	100.364
	Target Compounds						
3)	PCB1016-A	5.828	6.719	3681124	3101095	94.340	105.937
4)	PCB1016-B	6.111	7.044	2352561	2331197	92.123	104.803m
5)	PCB1016-C	6.911	7.327	4547719	6464643	97.648	105.646
6)	PCB1016-D	7.194	7.510	3280295	2846092	97.867	104.985
7)	PCB1016-E	7.661	8.102	3756871	3370841	99.964m	106.326m
8)	PCB1260-A	8.694	9.644	4292693	4255900	108.481	106.242
9)	PCB1260-B	9.028	9.902	9808538	4391089	113.613m	102.630
10)	PCB1260-C	9.778	10.994	8152001	4564135	113.037m	106.646
11)	PCB1260-D	10.161	11.452	12866785	8588743	118.908	104.519
12)	PCB1260-E	10.561	12.244	13206821	9747367	117.373m	104.735m
	SemiQuant Compounds - Not Calibrated on this Instrument						

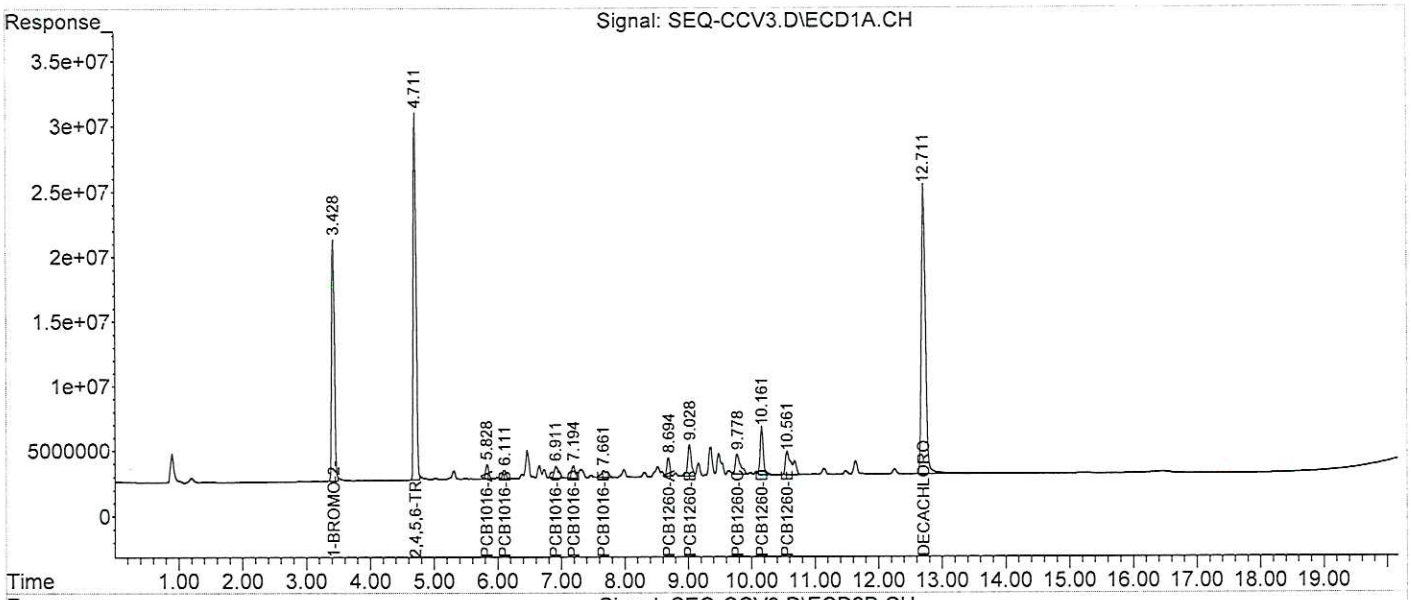
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

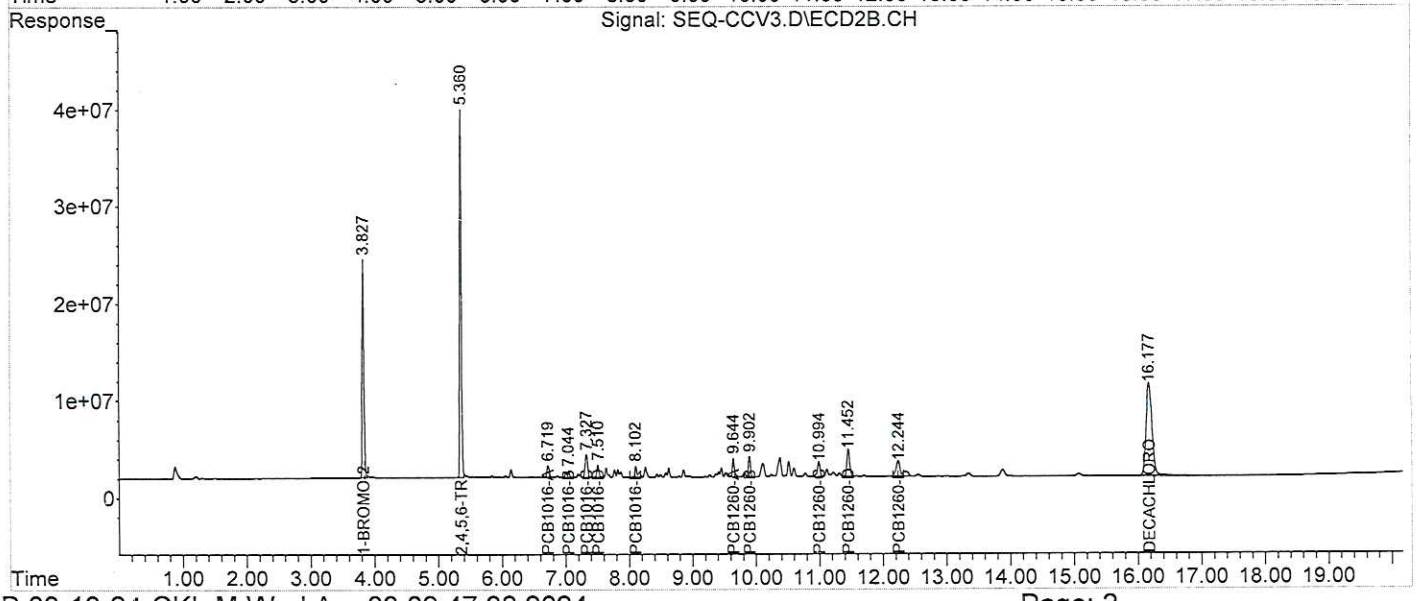
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV3.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:36 pm
Operator : CKL
Sample : SEQ-CCV3
Misc :
ALS Vial : 100 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 09:29:27 2024
Quant Method : C:\msdchem\1\methods\2024 METHODS\PCB 03-13-24-CKL.M
Quant Title :
QLast Update : Thu Mar 14 09:41:18 2024
Response via : Initial Calibration
Integrator: RTE 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

QC SUMMARY

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	HP ECD HD

	DCB (52.6% -	DCB (70% - 130%)	DCB[2] (52.8% -	DCB[2] (70% - 130%)	TCMX (56.1% -	TCMX (70% - 130%)	TCMX[2] (53.2% -	TCMX[2] (70% - 130%)
4032817-01	79		88		92		95	
4032817-02	79		86		85		90	
B414016-BLK1	79		90		90		95	
B414016-BS1		77		88		86		91
B414016-MS1		50*		58*		74		75
B414016-MSD1		47*		55*		72		72

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	HP ECD HD

	DCB (57.4% -	DCB (70% - 130%)	DCB[2] (54.7% -	DCB[2] (70% - 130%)	TCMX (51.9% -	TCMX (70% - 130%)	TCMX[2] (51.7% -	TCMX[2] (70% - 130%)
4032817-10	84		97		90		94	
B414053-BLK1	74		87		88		90	
B414053-BS1		70		79		80		83
B414053-MS1		67*		79		78		81
B414053-MSD1		71		83		83		86

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8081B
Batch:	B414016	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414016-MS1
Column:	1	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.		QC LIMITS REC.
alpha-BHC	254	12.7	80.2	27	*	54.3 - 146
gamma-BHC / Lindane	254	10.3	62.5	21	*	54 - 151
beta-BHC	254	18.5	86.0	27	*	57.7 - 147
delta-BHC	254	12.4	58.9	18	*	57.2 - 156
Heptachlor	254	8.05	68.6	24	*	62 - 160
Aldrin	254	ND	161	63		35 - 174
cis-Chlordane	254	26.3	138	44	*	55.5 - 156
4,4'-DDE	254	9.29	153	56		46.8 - 161
Endosulfan I	254	ND	93.3	37	*	47.7 - 160
Dieldrin	254	29.1	152	48	*	52.4 - 157
Endrin	254	1.30	79.3	31	*	55.1 - 146
4,4'-DDD	254	9.62	111	40	*	51.4 - 155
Endosulfan II	254	ND	62.9	25	*	53.9 - 157
4,4'-DDT	254	13.0	60.0	18	*	59.1 - 153
Endosulfan Sulfate	254	ND	54.7	22	*	54.1 - 156
Mirex	254	6.68	85.4	31	*	67.9 - 151

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8081B
Batch:	B414016	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414016-MSD1
Column:	1	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	254	52.3	16	*	42	*	20	54.3 - 146
gamma-BHC / Lindane	254	36.4	10	*	53	*	20	54 - 151
beta-BHC	254	51.4	13	*	50	*	20	57.7 - 147
delta-BHC	254	38.8	10	*	41	*	20	57.2 - 156
Heptachlor	254	41.2	13	*	50	*	20	62 - 160
Aldrin	254	145	57		10		20	35 - 174
cis-Chlordane	254	92.8	26	*	39	*	20	55.5 - 156
4,4'-DDE	254	148	55		3		20	46.8 - 161
Endosulfan I	254	60.2	24	*	43	*	20	47.7 - 160
Dieldrin	254	110	32	*	32	*	20	52.4 - 157
Endrin	254	38.6	15	*	69	*	20	55.1 - 146
4,4'-DDD	254	62.9	21	*	55	*	20	51.4 - 155
Endosulfan II	254	25.8	10	*	84	*	20	53.9 - 157
4,4'-DDT	254	32.2	8	*	60	*	20	59.1 - 153
Endosulfan Sulfate	254	26.9	11	*	68	*	20	54.1 - 156
Mirex	254	42.0	14	*	68	*	20	67.9 - 151

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8081B
Batch:	B414016	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414016-MS1
Column:	2	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.		QC LIMITS REC.
alpha-BHC [2C]	254	12.6	87.8	30	*	55.1 - 148
gamma-BHC [lindane] [2C]	254	10.8	68.3	23	*	52.2 - 147
beta-BHC [2C]	254	5.64	93.2	34	*	49.9 - 141
delta-BHC [2C]	254	ND	59.3	23	*	48.9 - 147
Heptachlor [2C]	254	11.5	75.1	25	*	62.7 - 139
Aldrin [2C]	254	5.38	177	68	*	68.1 - 147
cis-Chlordane [2C]	254	15.2	146	51	*	57.1 - 147
4,4'-DDE [2C]	254	3.30	93.7	36	*	63.1 - 153
Endosulfan I [2C]	254	11.1	179	66		57.7 - 142
Dieldrin [2C]	254	32.0	163	52	*	55.9 - 151
Endrin [2C]	254	5.21	90.0	33	*	48.5 - 145
4,4'-DDD [2C]	254	8.23	158	59		56.1 - 149
Endosulfan II [2C]	254	ND	94.0	37	*	50.7 - 147
4,4'-DDT [2C]	254	10.3	66.0	22	*	51.2 - 144
Endosulfan Sulfate [2C]	254	ND	87.8	35	*	54.3 - 135

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8081B
Batch:	B414016	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414016-MSD1
Column:	2	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
alpha-BHC [2C]	254	57.5	18	*	42	*	20	55.1 - 148
gamma-BHC [lindane] [2C]	254	39.6	11	*	53	*	20	52.2 - 147
beta-BHC [2C]	254	61.4	22	*	41	*	20	49.9 - 141
delta-BHC [2C]	254	30.9	12	*	63	*	20	48.9 - 147
Heptachlor [2C]	254	39.8	11	*	61	*	20	62.7 - 139
Aldrin [2C]	254	159	60	*	11		20	68.1 - 147
cis-Chlordane [2C]	254	98.7	33	*	39	*	20	57.1 - 147
4,4'-DDE [2C]	254	50.5	19	*	60	*	20	63.1 - 153
Endosulfan I [2C]	254	173	64		3		20	57.7 - 142
Dieldrin [2C]	254	115	33	*	35	*	20	55.9 - 151
Endrin [2C]	254	45.7	16	*	65	*	20	48.5 - 145
4,4'-DDD [2C]	254	91.1	33	*	54	*	20	56.1 - 149
Endosulfan II [2C]	254	45.0	18	*	71	*	20	50.7 - 147
4,4'-DDT [2C]	254	32.4	9	*	68	*	20	51.2 - 144
Endosulfan Sulfate [2C]	254	35.8	14	*	84	*	20	54.3 - 135

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8081B
Batch:	B414053	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414053-MS1
Column:	1	Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	QC LIMITS REC.
alpha-BHC	2.00	0.0972	1.67	79	33.4 - 160
gamma-BHC / Lindane	2.00	0.0768	1.70	81	43.1 - 144
beta-BHC	2.00	ND	1.62	81	34.1 - 138
delta-BHC	2.00	0.0868	1.71	81	39.3 - 157
Heptachlor	2.00	ND	1.70	85	41.2 - 147
Aldrin	2.00	ND	1.65	82	35 - 157
cis-Chlordane	2.00	0.0394	1.66	81	33.3 - 155
4,4'-DDE	2.00	ND	1.64	82	30.9 - 164
Endosulfan I	2.00	ND	1.72	86	33.9 - 158
Dieldrin	2.00	ND	1.69	84	32.2 - 154
Endrin	2.00	ND	1.82	91	40 - 154
4,4'-DDD	2.00	ND	1.65	82	34.3 - 167
Endosulfan II	2.00	ND	1.74	87	32.9 - 151
4,4'-DDT	2.00	0.0946	1.59	75	19.6 - 157
Endosulfan Sulfate	2.00	0.0634	1.64	79	36.8 - 147

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8081B
Batch:	B414053	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414053-MSD1
Column:	1	Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	2.00	1.78	84	6	20	33.4 - 160
gamma-BHC / Lindane	2.00	1.80	86	6	20	43.1 - 144
beta-BHC	2.00	1.70	85	5	20	34.1 - 138
delta-BHC	2.00	1.80	85	5	20	39.3 - 157
Heptachlor	2.00	1.80	90	5	20	41.2 - 147
Aldrin	2.00	1.73	87	5	20	35 - 157
cis-Chlordane	2.00	1.72	84	4	20	33.3 - 155
4,4'-DDE	2.00	1.70	85	4	20	30.9 - 164
Endosulfan I	2.00	1.79	90	4	20	33.9 - 158
Dieldrin	2.00	1.76	88	4	20	32.2 - 154
Endrin	2.00	1.89	95	4	20	40 - 154
4,4'-DDD	2.00	1.71	85	4	20	34.3 - 167
Endosulfan II	2.00	1.80	90	3	20	32.9 - 151
4,4'-DDT	2.00	1.64	77	3	20	19.6 - 157
Endosulfan Sulfate	2.00	1.70	82	4	20	36.8 - 147

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8081B
Batch:	B414053	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414053-MS1
Column:	2	Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	QC LIMITS REC.
alpha-BHC [2C]	2.00	0.0968	1.83	86	34.9 - 156
gamma-BHC [lindane] [2C]	2.00	0.0750	1.85	89	38.2 - 154
beta-BHC [2C]	2.00	0.0464	1.71	83	30.9 - 151
delta-BHC [2C]	2.00	ND	1.84	92	35.1 - 155
Heptachlor [2C]	2.00	0.0362	1.90	93	23.8 - 164
Aldrin [2C]	2.00	ND	1.88	94	35.3 - 162
cis-Chlordane [2C]	2.00	ND	1.88	94	27.1 - 164
4,4'-DDE [2C]	2.00	ND	1.93	97	24.1 - 170
Endosulfan I [2C]	2.00	ND	1.92	96	31.2 - 159
Dieldrin [2C]	2.00	ND	1.93	97	31.2 - 163
Endrin [2C]	2.00	ND	2.03	102	32.9 - 167
4,4'-DDD [2C]	2.00	ND	1.95	98	29.3 - 175
Endosulfan II [2C]	2.00	ND	1.95	98	24.6 - 163
4,4'-DDT [2C]	2.00	ND	1.91	96	20.6 - 151
Endosulfan Sulfate [2C]	2.00	ND	1.95	97	27.9 - 155

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8081B
Batch:	B414053	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414053-MSD1
Column:	2	Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC [2C]	2.00	1.94	92	6	20	34.9 - 156
gamma-BHC [lindane] [2C]	2.00	1.97	95	6	20	38.2 - 154
beta-BHC [2C]	2.00	1.82	89	6	20	30.9 - 151
delta-BHC [2C]	2.00	1.96	98	6	20	35.1 - 155
Heptachlor [2C]	2.00	2.01	99	6	20	23.8 - 164
Aldrin [2C]	2.00	1.99	100	6	20	35.3 - 162
cis-Chlordane [2C]	2.00	1.98	99	5	20	27.1 - 164
4,4'-DDE [2C]	2.00	2.02	101	4	20	24.1 - 170
Endosulfan I [2C]	2.00	2.00	100	4	20	31.2 - 159
Dieldrin [2C]	2.00	2.02	101	5	20	31.2 - 163
Endrin [2C]	2.00	2.15	107	5	20	32.9 - 167
4,4'-DDD [2C]	2.00	2.03	102	4	20	29.3 - 175
Endosulfan II [2C]	2.00	2.03	102	4	20	24.6 - 163
4,4'-DDT [2C]	2.00	2.00	100	4	20	20.6 - 151
Endosulfan Sulfate [2C]	2.00	2.02	101	4	20	27.9 - 155

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LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414016	Laboratory ID:	B414016-BS1
Column:	1	Initial/Final:	15 g / 30 mL

ANALYTE	SPIKE ADDED (ug/kg)	LCS CONCENTRATION (ug/kg)	LCS % REC.	QC LIMITS REC.
alpha-BHC	200	196	98	57.6 - 146
gamma-BHC / Lindane	200	198	99	61.7 - 147
beta-BHC	200	186	93	60.4 - 148
delta-BHC	200	197	98	67.4 - 145
Heptachlor	200	201	101	64.5 - 148
Aldrin	200	195	98	71.9 - 153
trans-Chlordane	200	194	97	65.1 - 153
cis-Chlordane	200	193	97	68.9 - 149
4,4'-DDE	200	193	97	68.4 - 156
Endosulfan I	200	201	101	64.1 - 150
Dieldrin	200	197	98	67.1 - 150
Endrin	200	212	106	53.6 - 152
4,4'-DDD	200	194	97	62.3 - 159
Endosulfan II	200	205	103	62.3 - 151
4,4'-DDT	200	187	94	56.8 - 151
Endosulfan Sulfate	200	192	96	70.2 - 144
Mirex	200	193	96	54.8 - 154

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LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414016	Laboratory ID:	B414016-BS1
Column:	2	Initial/Final:	15 g / 30 mL

ANALYTE	SPIKE ADDED (ug/kg)	LCS CONCENTRATION (ug/kg)	LCS % REC.	QC LIMITS REC.
alpha-BHC [2C]	200	212	106	62.9 - 149
gamma-BHC [lindane] [2C]	200	214	107	62.9 - 144
beta-BHC [2C]	200	197	99	57.7 - 145
delta-BHC [2C]	200	211	106	63.5 - 144
Heptachlor [2C]	200	221	110	58.7 - 146
Aldrin [2C]	200	221	110	63.2 - 151
cis-Chlordane [2C]	200	215	107	64.8 - 144
trans-Chlordane [2C]	200	217	109	62 - 145
4,4'-DDE [2C]	200	219	109	66.8 - 147
Endosulfan I [2C]	200	220	110	58.8 - 143
Dieldrin [2C]	200	220	110	64.2 - 149
Endrin [2C]	200	230	115	50.3 - 145
4,4'-DDD [2C]	200	221	111	64.7 - 151
Endosulfan II [2C]	200	222	111	56.3 - 141
4,4'-DDT [2C]	200	220	110	51.7 - 149
Endosulfan Sulfate [2C]	200	222	111	58.5 - 147

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LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 3510 C
Batch:	B414053	Laboratory ID:	B414053-BS1
Column:	1	Initial/Final:	500 mL / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
alpha-BHC	2.00	1.72	86	67.8 - 133
gamma-BHC / Lindane	2.00	1.74	87	66 - 130
beta-BHC	2.00	1.64	82	60.7 - 124
delta-BHC	2.00	1.74	87	72.1 - 134
Heptachlor	2.00	1.74	87	61.5 - 134
Aldrin	2.00	1.68	84	67.9 - 133
cis-Chlordane	2.00	1.67	84	66 - 130
4,4'-DDE	2.00	1.64	82	65.5 - 130
Endosulfan I	2.00	1.73	87	60.1 - 143
Dieldrin	2.00	1.70	85	64 - 130
Endrin	2.00	1.83	91	58.7 - 131
4,4'-DDD	2.00	1.64	82	66 - 132
Endosulfan II	2.00	1.75	87	63.7 - 132
4,4'-DDT	2.00	1.59	79	43.8 - 133
Endosulfan Sulfate	2.00	1.64	82	47.5 - 149

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 3510 C
Batch:	B414053	Laboratory ID:	B414053-BS1
Column:	2	Initial/Final:	500 mL / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
alpha-BHC [2C]	2.00	1.87	93	61.9 - 136
gamma-BHC [lindane] [2C]	2.00	1.88	94	56.2 - 144
beta-BHC [2C]	2.00	1.76	88	49.8 - 141
delta-BHC [2C]	2.00	1.87	93	62.1 - 131
Heptachlor [2C]	2.00	1.92	96	50.1 - 139
Aldrin [2C]	2.00	1.91	95	62.2 - 143
cis-Chlordane [2C]	2.00	1.90	95	59.4 - 138
4,4'-DDE [2C]	2.00	1.94	97	39.3 - 141
Endosulfan I [2C]	2.00	1.93	96	50.6 - 156
Dieldrin [2C]	2.00	1.94	97	57.8 - 138
Endrin [2C]	2.00	2.06	103	58.2 - 131
4,4'-DDD [2C]	2.00	1.95	98	58.5 - 136
Endosulfan II [2C]	2.00	1.96	98	52.1 - 145
4,4'-DDT [2C]	2.00	1.92	96	32.8 - 133
Endosulfan Sulfate [2C]	2.00	1.95	97	54.4 - 136

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

4 - FORM IV
METHOD BLANK SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414016-BLK1	Batch:	B414016

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414016-MSD1	B414016-MSD1.D	18:34
Matrix Spike	B414016-MS1	B414016-MS1.D	18:09
LCS	B414016-BS1	B414016-BS1.D	17:44
Stockpile B - Comp	4032817-02	4032817-02.D	19:24
Stockpile A - Comp	4032817-01	4032817-01.D	18:59

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

4 - FORM IV
METHOD BLANK SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414053-BLK1	Batch:	B414053

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414053-MSD1	B414053-MSD1.D	12:29
Matrix Spike	B414053-MS1	B414053-MS1.D	12:04
LCS	B414053-BS1	B414053-BS1.D	11:39
Equipment Blank	4032817-10	4032817-10.D	14:36

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414015	Instrument:	HP ECD HD
		Calibration:	L403002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414015-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/01/24 10:44*			
1-Bromo-2-Nitrobenzene	22402520	2.006	3.583018E+07	2.009	63	50 - 200	-0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	29248430	2.142	2.943545E+07	2.145	99	50 - 200	-0.0030	+/-0.50	
Calibration Check (S414015-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/01/24 11:09*			
1-Bromo-2-Nitrobenzene	23883820	2.005	3.583018E+07	2.009	67	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	31362110	2.143	2.943545E+07	2.145	107	50 - 200	-0.0020	+/-0.50	
Blank (B414016-BLK1)			*Lab File ID: B414016-BLK1.D*			*Analyzed: 04/01/24 17:19*			
1-Bromo-2-Nitrobenzene	24165750	2.013	23883820	2.005	101	50 - 200	0.0080	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	33267680	2.15	31362110	2.143	106	50 - 200	0.0070	+/-0.50	
LCS (B414016-BS1)			*Lab File ID: B414016-BS1.D*			*Analyzed: 04/01/24 17:44*			
1-Bromo-2-Nitrobenzene	22189410	2.008	23883820	2.005	93	50 - 200	0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	29811790	2.144	31362110	2.143	95	50 - 200	0.0010	+/-0.50	
Matrix Spike (B414016-MS1)			*Lab File ID: B414016-MS1.D*			*Analyzed: 04/01/24 18:09*			
1-Bromo-2-Nitrobenzene	18383400	2.007	23883820	2.005	77	50 - 200	0.0020	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	24661860	2.143	31362110	2.143	79	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414016-MSD1)			*Lab File ID: B414016-MSD1.D*			*Analyzed: 04/01/24 18:34*			
1-Bromo-2-Nitrobenzene	23842300	2.008	23883820	2.005	100	50 - 200	0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	31487040	2.144	31362110	2.143	100	50 - 200	0.0010	+/-0.50	
Instrument Blank (S414033-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/03/24 10:00*			
1-Bromo-2-Nitrobenzene	24909820	2.005	3.583018E+07	2.009	70	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	33221660	2.142	2.943545E+07	2.145	113	50 - 200	-0.0030	+/-0.50	
Calibration Check (S414033-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/03/24 10:25*			
1-Bromo-2-Nitrobenzene	26756750	2.005	3.583018E+07	2.009	75	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	35758340	2.143	2.943545E+07	2.145	121	50 - 200	-0.0020	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414033	Instrument:	HP ECD HD
		Calibration:	L403002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B414053-BLK1)			*Lab File ID: B414053-BLK1.D*			*Analyzed: 04/03/24 11:14*			
1-Bromo-2-Nitrobenzene	24194040	2.009	26756750	2.005	90	50 - 200	0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32719870	2.147	35758340	2.143	92	50 - 200	0.0040	+/-0.50	
LCS (B414053-BS1)			*Lab File ID: B414053-BS1.D*			*Analyzed: 04/03/24 11:39*			
1-Bromo-2-Nitrobenzene	24393640	2.005	26756750	2.005	91	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32851450	2.143	35758340	2.143	92	50 - 200	0.0000	+/-0.50	
Matrix Spike (B414053-MS1)			*Lab File ID: B414053-MS1.D*			*Analyzed: 04/03/24 12:04*			
1-Bromo-2-Nitrobenzene	24135870	2.005	26756750	2.005	90	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32388760	2.142	35758340	2.143	91	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B414053-MSD1)			*Lab File ID: B414053-MSD1.D*			*Analyzed: 04/03/24 12:29*			
1-Bromo-2-Nitrobenzene	24685280	2.005	26756750	2.005	92	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32941170	2.143	35758340	2.143	92	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 04/03/24 14:36*			
1-Bromo-2-Nitrobenzene	26058300	2.006	26756750	2.005	97	50 - 200	0.0010	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	34277070	2.143	35758340	2.143	96	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414015	Instrument:	HP ECD HD
		Calibration:	L403002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414015-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/01/24 10:44*			
1-Bromo-2-Nitrobenzene	22402520	2.006	3.583018E+07	2.009	63	50 - 200	-0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	29248430	2.142	2.943545E+07	2.145	99	50 - 200	-0.0030	+/-0.50	
Calibration Check (S414015-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/01/24 11:09*			
1-Bromo-2-Nitrobenzene	23883820	2.005	3.583018E+07	2.009	67	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	31362110	2.143	2.943545E+07	2.145	107	50 - 200	-0.0020	+/-0.50	
Blank (B414016-BLK1)			*Lab File ID: B414016-BLK1.D*			*Analyzed: 04/01/24 17:19*			
1-Bromo-2-Nitrobenzene	24165750	2.013	23883820	2.005	101	50 - 200	0.0080	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	33267680	2.15	31362110	2.143	106	50 - 200	0.0070	+/-0.50	
LCS (B414016-BS1)			*Lab File ID: B414016-BS1.D*			*Analyzed: 04/01/24 17:44*			
1-Bromo-2-Nitrobenzene	22189410	2.008	23883820	2.005	93	50 - 200	0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	29811790	2.144	31362110	2.143	95	50 - 200	0.0010	+/-0.50	
Matrix Spike (B414016-MS1)			*Lab File ID: B414016-MS1.D*			*Analyzed: 04/01/24 18:09*			
1-Bromo-2-Nitrobenzene	18383400	2.007	23883820	2.005	77	50 - 200	0.0020	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	24661860	2.143	31362110	2.143	79	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414016-MSD1)			*Lab File ID: B414016-MSD1.D*			*Analyzed: 04/01/24 18:34*			
1-Bromo-2-Nitrobenzene	23842300	2.008	23883820	2.005	100	50 - 200	0.0030	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	31487040	2.144	31362110	2.143	100	50 - 200	0.0010	+/-0.50	
Instrument Blank (S414033-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/03/24 10:00*			
1-Bromo-2-Nitrobenzene	24909820	2.005	3.583018E+07	2.009	70	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	33221660	2.142	2.943545E+07	2.145	113	50 - 200	-0.0030	+/-0.50	
Calibration Check (S414033-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/03/24 10:25*			
1-Bromo-2-Nitrobenzene	26756750	2.005	3.583018E+07	2.009	75	50 - 200	-0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	35758340	2.143	2.943545E+07	2.145	121	50 - 200	-0.0020	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414033	Instrument:	HP ECD HD
		Calibration:	L403002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B414053-BLK1)			*Lab File ID: B414053-BLK1.D*			*Analyzed: 04/03/24 11:14*			
1-Bromo-2-Nitrobenzene	24194040	2.009	26756750	2.005	90	50 - 200	0.0040	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32719870	2.147	35758340	2.143	92	50 - 200	0.0040	+/-0.50	
LCS (B414053-BS1)			*Lab File ID: B414053-BS1.D*			*Analyzed: 04/03/24 11:39*			
1-Bromo-2-Nitrobenzene	24393640	2.005	26756750	2.005	91	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32851450	2.143	35758340	2.143	92	50 - 200	0.0000	+/-0.50	
Matrix Spike (B414053-MS1)			*Lab File ID: B414053-MS1.D*			*Analyzed: 04/03/24 12:04*			
1-Bromo-2-Nitrobenzene	24135870	2.005	26756750	2.005	90	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32388760	2.142	35758340	2.143	91	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B414053-MSD1)			*Lab File ID: B414053-MSD1.D*			*Analyzed: 04/03/24 12:29*			
1-Bromo-2-Nitrobenzene	24685280	2.005	26756750	2.005	92	50 - 200	0.0000	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	32941170	2.143	35758340	2.143	92	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 04/03/24 14:36*			
1-Bromo-2-Nitrobenzene	26058300	2.006	26756750	2.005	97	50 - 200	0.0010	+/-0.50	
1-Bromo-2-Nitrobenzene [2C]	34277070	2.143	35758340	2.143	96	50 - 200	0.0000	+/-0.50	

LONG
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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

SAMPLE DATA

110 Colin Drive • Holbrook, New York 11741
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LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	4032817-01.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:59
Solids:	80.89	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC	13.5	
58-89-9	gamma-BHC / Lindane	10.5	
319-85-7	beta-BHC	6.85	
319-86-8	delta-BHC	11.1	
76-44-8	Heptachlor	6.18	U
309-00-2	Aldrin	9.72	
5103-71-9	cis-Chlordane	18.7	
72-55-9	4,4'-DDE	14.5	
959-98-8	Endosulfan I	6.18	U
60-57-1	Dieldrin	13.5	
72-20-8	Endrin	6.18	U
72-54-8	4,4'-DDD	9.22	
33213-65-9	Endosulfan II	6.18	U
50-29-3	4,4'-DDT	18.6	
1031-07-8	Endosulfan Sulfate	6.18	U
2385-85-5	Mirex	6.18	U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	4032817-02.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:10	Analyzed:	04/01/24 19:24
Solids:	78.76	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414016	Sequence:	S414015	Calibration:	L403002	Instrument:	HP ECD HD

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC	12.7	4.G, 4.T
58-89-9	gamma-BHC / Lindane	10.3	4.G, 4.T
319-85-7	beta-BHC	18.5	4.T, 4.G
319-86-8	delta-BHC	12.4	4.T, 4.G
76-44-8	Heptachlor	8.05	4.G, 4.T
309-00-2	Aldrin	2.54	U
5103-71-9	cis-Chlordane	26.3	4.T, 4.G
72-55-9	4,4'-DDE	9.29	
959-98-8	Endosulfan I	6.35	4.G, 4.T, U
60-57-1	Dieldrin	29.1	4.G, 4.T
72-20-8	Endrin	6.35	4.G, 4.T, U
72-54-8	4,4'-DDD	9.62	4.G, 4.T
33213-65-9	Endosulfan II	6.35	4.G, 4.T, U
50-29-3	4,4'-DDT	13.0	4.G, 4.T
1031-07-8	Endosulfan Sulfate	6.35	4.G, 4.T, U
2385-85-5	Mirex	6.68	4.T, 4.G

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	4032817-10.D
Sampled:	03/28/24 00:00	Prepared:	04/02/24 09:00	Analyzed:	04/03/24 14:36
Solids:		Preparation:	EPA 3510 C	Dilution:	1
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC	2.00	U
58-89-9	gamma-BHC / Lindane	2.00	U
319-85-7	beta-BHC	2.00	U
319-86-8	delta-BHC	2.00	U
76-44-8	Heptachlor	2.00	U
309-00-2	Aldrin	2.00	U
5103-71-9	cis-Chlordane	2.00	U
72-55-9	4,4'-DDE	2.00	U
959-98-8	Endosulfan I	2.00	U
60-57-1	Dieldrin	2.00	U
72-20-8	Endrin	2.00	U
72-54-8	4,4'-DDD	2.00	U
33213-65-9	Endosulfan II	2.00	U
50-29-3	4,4'-DDT	2.00	U
1031-07-8	Endosulfan Sulfate	2.00	U

* Values outside of QC limits

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

CALIBRATION DATA

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Tetrachloro-m-xylene	710905.9	88.23044	84.84409	77.87898	84.25224	82.03473
Tetrachloro-m-xylene	710905.9	88.23044	84.84409	77.87898	84.25224	82.03473
Decachlorobiphenyl	920896.8	114.1053	111.3253	101.2405	110.7763	102.2274
Decachlorobiphenyl	920896.8	114.1053	111.3253	101.2405	110.7763	102.2274
Tetrachloro-m-xylene [2C]	107.3017	92.58869	90.80161	81.49004	89.67639	85.70089
Tetrachloro-m-xylene [2C]	107.3017	92.58869	90.80161	81.49004	89.67639	85.70089
Decachlorobiphenyl [2C]	141.6971	125.6021	118.3541	105.5698	112.7045	101.765
Decachlorobiphenyl [2C]	141.6971	125.6021	118.3541	105.5698	112.7045	101.765
alpha-BHC	878505.7	134.5827	143.536	135.2335	150.8364	155.101
alpha-BHC	878505.7	134.5827	143.536	135.2335	150.8364	155.101
gamma-BHC / Lindane	811308.1	122.8726	130.3374	121.3165	134.3121	137.1745
gamma-BHC / Lindane	811308.1	122.8726	130.3374	121.3165	134.3121	137.1745
beta-BHC	359420.9	51.14177	54.00468	48.68173	53.24549	53.22497
beta-BHC	359420.9	51.14177	54.00468	48.68173	53.24549	53.22497
delta-BHC	770338.3	119.4167	126.6678	119.4153	131.7988	136.0182
delta-BHC	770338.3	119.4167	126.6678	119.4153	131.7988	136.0182
Heptachlor	850169.3	126.8383	133.4221	123.604	133.8301	134.773
Heptachlor	850169.3	126.8383	133.4221	123.604	133.8301	134.773
Aldrin	787064.1	117.1861	123.576	115.6684	125.4181	127.7648
Aldrin	787064.1	117.1861	123.576	115.6684	125.4181	127.7648
trans-Chlordane	729732.7	107.7021	112.0858	105.6876	115.1446	115.9521
cis-Chlordane	746156	109.1147	113.6768	106.2167	115.5844	115.8944
cis-Chlordane	746156	109.1147	113.6768	106.2167	115.5844	115.8944
4,4'-DDE	680834.7	99.34123	103.0277	96.71603	105.9344	106.4306
4,4'-DDE	680834.7	99.34123	103.0277	96.71603	105.9344	106.4306
Endosulfan I	682039.5	99.99956	103.299	96.71701	104.4925	103.7529
Endosulfan I	682039.5	99.99956	103.299	96.71701	104.4925	103.7529
Dieldrin	710455	106.1682	109.7467	104.9891	114.8714	114.3365
Dieldrin	710455	106.1682	109.7467	104.9891	114.8714	114.3365

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Endrin	654520.8	95.47592	97.67815	91.86395	101.0136	99.61314
Endrin	654520.8	95.47592	97.67815	91.86395	101.0136	99.61314
4,4'-DDD	511531.3	75.92782	78.84157	76.51977	85.54757	85.56494
4,4'-DDD	511531.3	75.92782	78.84157	76.51977	85.54757	85.56494
Endosulfan II	646625.9	94.32698	96.21335	90.97769	98.19184	94.85958
Endosulfan II	646625.9	94.32698	96.21335	90.97769	98.19184	94.85958
4,4'-DDT	607430.3	89.27153	92.45435	88.44301	97.41446	96.91555
4,4'-DDT	607430.3	89.27153	92.45435	88.44301	97.41446	96.91555
Endosulfan Sulfate	625766.7	89.90395	90.03342	85.78053	91.37276	88.81871
Endosulfan Sulfate	625766.7	89.90395	90.03342	85.78053	91.37276	88.81871
Mirex	606227.8	86.0715	85.62266	76.96392	82.05053	79.09363
alpha-BHC [2C]	128.99	136.8762	145.8072	137.3575	151.626	156.6832
alpha-BHC [2C]	128.99	136.8762	145.8072	137.3575	151.626	156.6832
gamma-BHC [lindane] [2C]	118.6694	123.9628	130.341	122.9199	134.8316	137.4251
gamma-BHC [lindane] [2C]	118.6694	123.9628	130.341	122.9199	134.8316	137.4251
beta-BHC [2C]	52.60818	52.08562	52.92219	48.85816	51.90151	52.91692
beta-BHC [2C]	52.60818	52.08562	52.92219	48.85816	51.90151	52.91692
delta-BHC [2C]	114.727	121.0338	127.6749	121.4422	134.0714	136.9102
delta-BHC [2C]	114.727	121.0338	127.6749	121.4422	134.0714	136.9102
Heptachlor [2C]	122.3674	127.0911	132.7621	124.5523	135.1979	136.0102
Heptachlor [2C]	122.3674	127.0911	132.7621	124.5523	135.1979	136.0102
Aldrin [2C]	115.7982	120.3612	125.903	118.0465	128.4652	129.3248
Aldrin [2C]	115.7982	120.3612	125.903	118.0465	128.4652	129.3248
cis-Chlordane [2C]	108.6534	109.3429	112.9665	105.529	113.8927	113.0655
cis-Chlordane [2C]	108.6534	109.3429	112.9665	105.529	113.8927	113.0655
trans-Chlordane [2C]	105.4504	107.0985	110.8964	104.3804	113.4732	112.9837
4,4'-DDE [2C]	96.3406	98.18918	99.8592	95.14643	102.7706	101.5454
4,4'-DDE [2C]	96.3406	98.18918	99.8592	95.14643	102.7706	101.5454
Endosulfan I [2C]	97.75247	100.28	103.9314	98.51845	107.2008	106.6282

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Endosulfan I [2C]	97.75247	100.28	103.9314	98.51845	107.2008	106.6282
Dieldrin [2C]	102.6416	104.6886	108.3971	103.8337	113.8872	112.8811
Dieldrin [2C]	102.6416	104.6886	108.3971	103.8337	113.8872	112.8811
Endrin [2C]	92.54753	93.083	95.86996	89.92857	99.49907	98.6248
Endrin [2C]	92.54753	93.083	95.86996	89.92857	99.49907	98.6248
4,4'-DDD [2C]	76.3752	79.30137	81.36385	78.65343	86.12706	85.40145
4,4'-DDD [2C]	76.3752	79.30137	81.36385	78.65343	86.12706	85.40145
Endosulfan II [2C]	93.54008	93.35259	94.49386	90.54171	97.13765	94.3754
Endosulfan II [2C]	93.54008	93.35259	94.49386	90.54171	97.13765	94.3754
4,4'-DDT [2C]	88.69262	90.38293	92.18972	88.81689	97.00098	96.51042
4,4'-DDT [2C]	88.69262	90.38293	92.18972	88.81689	97.00098	96.51042
Endosulfan Sulfate [2C]	89.94674	85.30995	84.47891	78.27551	79.93409	75.84666
Endosulfan Sulfate [2C]	89.94674	85.30995	84.47891	78.27551	79.93409	75.84666

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Tetrachloro-m-xylene	84.25021	81.2607				
Tetrachloro-m-xylene	84.25021	81.2607				
Decachlorobiphenyl	106.3775	101.8474				
Decachlorobiphenyl	106.3775	101.8474				
Tetrachloro-m-xylene [2C]	88.51553	85.19362				
Tetrachloro-m-xylene [2C]	88.51553	85.19362				
Decachlorobiphenyl [2C]	104.677	100.5514				
Decachlorobiphenyl [2C]	104.677	100.5514				
alpha-BHC	164.4114	159.2664				
alpha-BHC	164.4114	159.2664				
gamma-BHC / Lindane	145.3792	139.4677				
gamma-BHC / Lindane	145.3792	139.4677				
beta-BHC	56.55124	53.92846				
beta-BHC	56.55124	53.92846				
delta-BHC	144.91	138.0576				
delta-BHC	144.91	138.0576				
Heptachlor	138.3445	130.9357				
Heptachlor	138.3445	130.9357				
Aldrin	132.5133	126.3069				
Aldrin	132.5133	126.3069				
trans-Chlordane	122.9643	116.4118				
cis-Chlordane	122.3994	116.0959				
cis-Chlordane	122.3994	116.0959				
4,4'-DDE	112.2579	105.81				
4,4'-DDE	112.2579	105.81				
Endosulfan I	107.9991	101.7329				
Endosulfan I	107.9991	101.7329				
Dieldrin	119.6222	112.7348				

LONG ISLAND ANALYTICAL LABORATORIES INC.
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Dieldrin	119.6222	112.7348				
Endrin	104.765	97.20289				
Endrin	104.765	97.20289				
4,4'-DDD	91.66568	86.65873				
4,4'-DDD	91.66568	86.65873				
Endosulfan II	100.4312	93.05719				
Endosulfan II	100.4312	93.05719				
4,4'-DDT	104.8081	97.7116				
4,4'-DDT	104.8081	97.7116				
Endosulfan Sulfate	93.86396	86.91537				
Endosulfan Sulfate	93.86396	86.91537				
Mirex	83.82575	77.55768				
alpha-BHC [2C]	167.116	160.5334				
alpha-BHC [2C]	167.116	160.5334				
gamma-BHC [lindane] [2C]	146.0682	139.845				
gamma-BHC [lindane] [2C]	146.0682	139.845				
beta-BHC [2C]	55.97844	53.27669				
beta-BHC [2C]	55.97844	53.27669				
delta-BHC [2C]	146.6958	139.5443				
delta-BHC [2C]	146.6958	139.5443				
Heptachlor [2C]	144.335	134.9698				
Heptachlor [2C]	144.335	134.9698				
Aldrin [2C]	136.483	128.7238				
Aldrin [2C]	136.483	128.7238				
cis-Chlordane [2C]	120.8894	113.1594				
cis-Chlordane [2C]	120.8894	113.1594				
trans-Chlordane [2C]	121.5783	114.1216				
4,4'-DDE [2C]	108.9952	101.2005				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
4,4'-DDE [2C]	108.9952	101.2005				
Endosulfan I [2C]	114.8314	106.4225				
Endosulfan I [2C]	114.8314	106.4225				
Dieldrin [2C]	121.9978	113.8936				
Dieldrin [2C]	121.9978	113.8936				
Endrin [2C]	106.3527	98.3633				
Endrin [2C]	106.3527	98.3633				
4,4'-DDD [2C]	92.84643	86.12844				
4,4'-DDD [2C]	92.84643	86.12844				
Endosulfan II [2C]	102.2062	94.18465				
Endosulfan II [2C]	102.2062	94.18465				
4,4'-DDT [2C]	105.3741	97.51707				
4,4'-DDT [2C]	105.3741	97.51707				
Endosulfan Sulfate [2C]	81.10331	74.47735				
Endosulfan Sulfate [2C]	81.10331	74.47735				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Tetrachloro-m-xylene	88936.08	282.578	0.9999398		0.99	
Tetrachloro-m-xylene	88936.08	282.578	0.9999398		0.99	
Decachlorobiphenyl	115205.6	282.5804	0.9999398		0.99	
Decachlorobiphenyl	115205.6	282.5804	0.9999398		0.99	
Tetrachloro-m-xylene [2C]	90.15856	8.620113			20	
Tetrachloro-m-xylene [2C]	90.15856	8.620113			20	
Decachlorobiphenyl [2C]	113.8651	12.46779	0.9990611		0.99	
Decachlorobiphenyl [2C]	113.8651	12.46779	0.9990611		0.99	
alpha-BHC	109943.6	282.4594	0.9999398		0.99	
alpha-BHC	109943.6	282.4594	0.9999398		0.99	
gamma-BHC / Lindane	101529.9	282.4722	0.9999398		0.99	
gamma-BHC / Lindane	101529.9	282.4722	0.9999398		0.99	
beta-BHC	44973.96	282.5096	0.9999398		0.99	
beta-BHC	44973.96	282.5096	0.9999398		0.99	
delta-BHC	96406.82	282.4587	0.9999398		0.99	
delta-BHC	96406.82	282.4587	0.9999398		0.99	
Heptachlor	106386.4	282.4926	0.9999398		0.99	
Heptachlor	106386.4	282.4926	0.9999398		0.99	
Aldrin	98491.57	282.4864	0.9999398		0.99	
Aldrin	98491.57	282.4864	0.9999398		0.99	
trans-Chlordane	91316.08	282.4905	0.9999398		0.99	
cis-Chlordane	93369.37	282.497	0.9999398		0.99	
cis-Chlordane	93369.37	282.497	0.9999398		0.99	
4,4'-DDE	85195.53	282.4967	0.9999398		0.99	
4,4'-DDE	85195.53	282.4967	0.9999398		0.99	

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Endosulfan I	85344.69	282.5028	0.9999398		0.99	
Endosulfan I	85344.69	282.5028	0.9999398		0.99	
Dieldrin	88904.68	282.4871	0.9999398		0.99	
Dieldrin	88904.68	282.4871	0.9999398		0.99	
Endrin	81901.05	282.5035	0.9999398		0.99	
Endrin	81901.05	282.5035	0.9999398		0.99	
4,4'-DDD	64014	282.4762	0.9999398		0.99	
4,4'-DDD	64014	282.4762	0.9999398		0.99	
Endosulfan II	80911.74	282.5091	0.9999398		0.99	
Endosulfan II	80911.74	282.5091	0.9999398		0.99	
4,4'-DDT	76012.16	282.4882	0.9999398		0.99	
4,4'-DDT	76012.16	282.4882	0.9999398		0.99	
Endosulfan Sulfate	78299.17	282.5193	0.9999398		0.99	
Endosulfan Sulfate	78299.17	282.5193	0.9999398		0.99	
Mirex	75849.87	282.5385	0.9999398		0.99	
alpha-BHC [2C]	148.1237	8.891132			20	
alpha-BHC [2C]	148.1237	8.891132			20	
gamma-BHC [lindane] [2C]	131.7579	7.165493			20	
gamma-BHC [lindane] [2C]	131.7579	7.165493			20	
beta-BHC [2C]	52.56846	3.723658			20	
beta-BHC [2C]	52.56846	3.723658			20	
delta-BHC [2C]	130.2624	8.338752			20	
delta-BHC [2C]	130.2624	8.338752			20	
Heptachlor [2C]	132.1607	5.426317			20	
Heptachlor [2C]	132.1607	5.426317			20	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L403002	Instrument:	HP ECD HD
		Calibration Date:	1/19/2024 9:25:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Aldrin [2C]	125.3882	5.480745			20	
Aldrin [2C]	125.3882	5.480745			20	
cis-Chlordane [2C]	112.1873	4.069012			20	
cis-Chlordane [2C]	112.1873	4.069012			20	
trans-Chlordane [2C]	111.2478	5.051393			20	
4,4'-DDE [2C]	100.5059	4.297965			20	
4,4'-DDE [2C]	100.5059	4.297965			20	
Endosulfan I [2C]	104.4457	5.387878			20	
Endosulfan I [2C]	104.4457	5.387878			20	
Dieldrin [2C]	110.2776	5.984225			20	
Dieldrin [2C]	110.2776	5.984225			20	
Endrin [2C]	96.78362	5.301546			20	
Endrin [2C]	96.78362	5.301546			20	
4,4'-DDD [2C]	83.27465	6.431917			20	
4,4'-DDD [2C]	83.27465	6.431917			20	
Endosulfan II [2C]	94.97902	3.615118			20	
Endosulfan II [2C]	94.97902	3.615118			20	
4,4'-DDT [2C]	94.56059	6.007933			20	
4,4'-DDT [2C]	94.56059	6.007933			20	
Endosulfan Sulfate [2C]	81.17157	6.387184			20	
Endosulfan Sulfate [2C]	81.17157	6.387184			20	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

INITIAL CALIBRATION STANDARDS

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S403056	Instrument:	HP ECD HD
Calibration:	L403002		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2400339	8081 10 ppb (Cal 1)	S403056-CAL1	SEQ-CAL1.D	01/18/24 16:22
2400340	8081 20 ppb (Cal 2)	S403056-CAL2	SEQ-CAL2.D	01/18/24 16:46
2400341	8081 30 ppb (Cal 3)	S403056-CAL3	SEQ-CAL3.D	01/18/24 17:10
2400342	8081 50 ppb (Cal 4)	S403056-CAL4	SEQ-CAL4.D	01/18/24 17:33
2400343	8081 100 ppb (Cal 5)	S403056-CAL5	SEQ-CAL5.D	01/18/24 17:57
2400344	8081 200 ppb (Cal 6)	S403056-CAL6	SEQ-CAL6.D	01/18/24 18:21
2400345	8081 300 ppb (Cal 7)	S403056-CAL7	SEQ-CAL7.D	01/18/24 18:45
2400346	8081 400 ppb (Cal 8)	S403056-CAL8	SEQ-CAL8.D	01/18/24 19:09

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HD	Calibration:	L403002
Lab File ID:	SEQ-CCV1.D	Calibration Date:	01/19/24 09:25
Sequence:	S414015	Injection Date:	04/01/24
Lab Sample ID:	S414015-CCV1	Injection Time:	11:09

		CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-BHC	L	100	97.7	109943.6	150.9815		-2.3	20
gamma-BHC / Lindane	L	100	101	101529.9	138.3891		0.9	20
beta-BHC	L	100	101	44973.96	54.60019		1.4	20
delta-BHC	L	100	98.6	96406.82	133.6198		-1.4	20
Heptachlor	L	100	98.3	106386.4	131.0784		-1.7	20
Aldrin	L	100	96.9	98491.57	122.7049		-3.1	20
trans-Chlordane	L	100	98.0	91316.08	114.0074		-2.0	20
cis-Chlordane	L	100	96.3	93369.37	111.9918		-3.7	20
4,4'-DDE	L	100	96.6	85195.53	102.799		-3.4	20
Endosulfan I	L	100	101	85344.69	104.5161		0.8	20
Dieldrin	L	100	100	88904.68	113.9719		-0.04	20
Endrin	L	100	108	81901.05	107.6149		8.0	20
4,4'-DDD	L	100	99.6	64014	85.50684		-0.4	20
Endosulfan II	L	100	104	80911.74	99.38017		3.5	20
4,4'-DDT	L	100	96.3	76012.16	96.01153		-3.7	20
Endosulfan Sulfate	L	100	99.0	78299.17	92.06892		-1.0	20
Mirex	L	100	98.9	75849.87	82.50985		-1.1	15
alpha-BHC [2C]	A	100	105	148.1237	164.6904		11.2	20
gamma-BHC [lindane] [2C]	A	100	108	131.7579	149.377		13.4	20
beta-BHC [2C]	A	100	109	52.56846	58.02802		10.4	20
delta-BHC [2C]	A	100	105	130.2624	144.7925		11.2	20
Heptachlor [2C]	A	100	108	132.1607	147.3356		11.5	20
Aldrin [2C]	A	100	109	125.3882	141.0633		12.5	20
cis-Chlordane [2C]	A	100	106	112.1873	121.9266		8.7	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HD	Calibration:	L403002
Lab File ID:	SEQ-CCV1.D	Calibration Date:	01/19/24 09:25
Sequence:	S414015	Injection Date:	04/01/24
Lab Sample ID:	S414015-CCV1	Injection Time:	11:09

		CONC. (ug/kg)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
trans-Chlordane [2C]	A	100	110	111.2478	125.8887		13.2	20	
4,4'-DDE [2C]	A	100	109	100.5059	111.8267		11.3	20	
Endosulfan I [2C]	A	100	108	104.4457	116.4093		11.5	20	
Dieldrin [2C]	A	100	110	110.2776	126.182		14.4	20	
Endrin [2C]	A	100	117	96.78362	117.0838		21.0	20	*
4,4'-DDD [2C]	A	100	111	83.27465	96.24582		15.6	20	
Endosulfan II [2C]	A	100	111	94.97902	106.6711		12.3	20	
4,4'-DDT [2C]	A	100	111	94.56059	108.5423		14.8	20	
Endosulfan Sulfate [2C]	A	100	114	81.17157	89.17748		9.9	20	
Tetrachloro-m-xylene	L	100	108	88936.08	89.32738		7.7	20	
Decachlorobiphenyl	L	100	92.4	115205.6	97.75794		-7.6	20	
Tetrachloro-m-xylene [2C]	A	100	109	90.15856	94.8724		5.2	20	
Decachlorobiphenyl [2C]	L	100	104	113.8651	106.5662		3.6	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HD	Calibration:	L403002
Lab File ID:	SEQ-CCV1.D	Calibration Date:	01/19/24 09:25
Sequence:	S414033	Injection Date:	04/03/24
Lab Sample ID:	S414033-CCV1	Injection Time:	10:25

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-BHC	L	100	97.8	109943.6	151.1264		-2.2	20
gamma-BHC / Lindane	L	100	101	101529.9	137.8861		0.5	20
beta-BHC	L	100	101	44973.96	54.42316		1.1	20
delta-BHC	L	100	98.2	96406.82	132.9495		-1.8	20
Heptachlor	L	100	98.0	106386.4	130.6474		-2.0	20
Aldrin	L	100	95.7	98491.57	121.0764		-4.3	20
cis-Chlordane	L	100	94.6	93369.37	109.9851		-5.4	20
4,4'-DDE	L	100	94.5	85195.53	100.4498		-5.5	20
Endosulfan I	L	100	98.4	85344.69	102.0551		-1.6	20
Dieldrin	L	100	98.7	88904.68	112.5526		-1.3	20
Endrin	L	100	106	81901.05	105.903		6.2	20
4,4'-DDD	L	100	97.5	64014	83.61944		-2.5	20
Endosulfan II	L	100	102	80911.74	97.48568		1.5	20
4,4'-DDT	L	100	93.9	76012.16	93.51971		-6.1	20
Endosulfan Sulfate	L	100	98.2	78299.17	91.27398		-1.8	20
alpha-BHC [2C]	A	100	106	148.1237	166.0057		12.1	20
gamma-BHC [lindane] [2C]	A	100	109	131.7579	150.3516		14.1	20
beta-BHC [2C]	A	100	109	52.56846	57.92707		10.2	20
delta-BHC [2C]	A	100	106	130.2624	145.8312		12.0	20
Heptachlor [2C]	A	100	109	132.1607	149.3991		13.0	20
Aldrin [2C]	A	100	109	125.3882	141.7781		13.1	20
cis-Chlordane [2C]	A	100	108	112.1873	123.098		9.7	20
4,4'-DDE [2C]	A	100	111	100.5059	113.9786		13.4	20
Endosulfan I [2C]	A	100	110	104.4457	118.3897		13.4	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8081B

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HD	Calibration:	L403002
Lab File ID:	SEQ-CCV1.D	Calibration Date:	01/19/24 09:25
Sequence:	S414033	Injection Date:	04/03/24
Lab Sample ID:	S414033-CCV1	Injection Time:	10:25

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Dieldrin [2C]	A	100	113	110.2776	129.1035		17.1	20	
Endrin [2C]	A	100	119	96.78362	118.4973		22.4	20	*
4,4'-DDD [2C]	A	100	114	83.27465	98.94247		18.8	20	
Endosulfan II [2C]	A	100	113	94.97902	108.7701		14.5	20	
4,4'-DDT [2C]	A	100	114	94.56059	111.6692		18.1	20	
Endosulfan Sulfate [2C]	A	100	115	81.17157	90.12471		11.0	20	
Tetrachloro-m-xylene	L	100	105	88936.08	87.54378		5.5	20	
Decachlorobiphenyl	L	100	90.5	115205.6	95.77107		-9.5	20	
Tetrachloro-m-xylene [2C]	A	100	109	90.15856	95.1686		5.6	20	
Decachlorobiphenyl [2C]	L	100	105	113.8651	108.2198		5.2	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414016-BLK1	File ID:	B414016-BLK1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:19
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
319-84-6	alpha-BHC	5.00	U
58-89-9	gamma-BHC / Lindane	5.00	U
319-85-7	beta-BHC	5.00	U
319-86-8	delta-BHC	5.00	U
76-44-8	Heptachlor	5.00	U
309-00-2	Aldrin	2.00	U
5103-71-9	cis-Chlordane	5.00	U
72-55-9	4,4'-DDE	2.00	U
959-98-8	Endosulfan I	5.00	U
60-57-1	Dieldrin	2.00	U
72-20-8	Endrin	5.00	U
72-54-8	4,4'-DDD	2.00	U
33213-65-9	Endosulfan II	5.00	U
50-29-3	4,4'-DDT	2.00	U
1031-07-8	Endosulfan Sulfate	5.00	U
2385-85-5	Mirex	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-BLK1	File ID:	B414016-BLK1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:19
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
319-84-6	alpha-BHC [2C]	5.00	U
58-89-9	gamma-BHC [lindane] [2C]	5.00	U
319-85-7	beta-BHC [2C]	5.00	U
319-86-8	delta-BHC [2C]	5.00	U
76-44-8	Heptachlor [2C]	5.00	U
309-00-2	Aldrin [2C]	2.00	U
5103-71-9	cis-Chlordane [2C]	5.00	U
72-55-9	4,4'-DDE [2C]	2.00	U
959-98-8	Endosulfan I [2C]	5.00	U
60-57-1	Dieldrin [2C]	2.00	U
72-20-8	Endrin [2C]	5.00	U
72-54-8	4,4'-DDD [2C]	2.00	U
33212-65-9	Endosulfan II [2C]	5.00	U
50-29-3	4,4'-DDT [2C]	2.00	U
1031-07-8	Endosulfan Sulfate [2C]	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-BS1	File ID:	B414016-BS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:44
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
319-84-6	alpha-BHC	196	
58-89-9	gamma-BHC / Lindane	198	
319-85-7	beta-BHC	186	
319-86-8	delta-BHC	197	
76-44-8	Heptachlor	201	
309-00-2	Aldrin	195	
5103-74-2	trans-Chlordane	194	
5103-71-9	cis-Chlordane	193	
72-55-9	4,4'-DDE	193	
959-98-8	Endosulfan I	201	
60-57-1	Dieldrin	197	
72-20-8	Endrin	212	
72-54-8	4,4'-DDD	194	
33213-65-9	Endosulfan II	205	
50-29-3	4,4'-DDT	187	
1031-07-8	Endosulfan Sulfate	192	
2385-85-5	Mirex	193	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-BS1	File ID:	B414016-BS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 17:44
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
319-84-6	alpha-BHC [2C]	212	
58-89-9	gamma-BHC [lindane] [2C]	214	
319-85-7	beta-BHC [2C]	197	
319-86-8	delta-BHC [2C]	211	
76-44-8	Heptachlor [2C]	221	
309-00-2	Aldrin [2C]	221	
5103-71-9	cis-Chlordane [2C]	215	
5103-74-2	trans-Chlordane [2C]	217	
72-55-9	4,4'-DDE [2C]	219	
959-98-8	Endosulfan I [2C]	220	
60-57-1	Dieldrin [2C]	220	
72-20-8	Endrin [2C]	230	
72-54-8	4,4'-DDD [2C]	221	
33212-65-9	Endosulfan II [2C]	222	
50-29-3	4,4'-DDT [2C]	220	
1031-07-8	Endosulfan Sulfate [2C]	222	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-MS1	File ID:	B414016-MS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:09
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC	80.2	4.G
58-89-9	gamma-BHC / Lindane	62.5	4.G
319-85-7	beta-BHC	86.0	4.G
319-86-8	delta-BHC	58.9	4.G
76-44-8	Heptachlor	68.6	4.G
309-00-2	Aldrin	161	
5103-74-2	trans-Chlordane	127	
5103-71-9	cis-Chlordane	138	4.G
72-55-9	4,4'-DDE	153	
959-98-8	Endosulfan I	93.3	4.G
60-57-1	Dieldrin	152	4.G
72-20-8	Endrin	79.3	4.G
72-54-8	4,4'-DDD	111	4.G
33213-65-9	Endosulfan II	62.9	4.G
50-29-3	4,4'-DDT	60.0	4.G
1031-07-8	Endosulfan Sulfate	54.7	4.G
2385-85-5	Mirex	85.4	4.G

LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-MS1	File ID:	B414016-MS1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:09
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC [2C]	87.8	4.G
58-89-9	gamma-BHC [lindane] [2C]	68.3	4.G
319-85-7	beta-BHC [2C]	93.2	4.G
319-86-8	delta-BHC [2C]	59.3	4.G
76-44-8	Heptachlor [2C]	75.1	4.G
309-00-2	Aldrin [2C]	177	4.G
5103-71-9	cis-Chlordane [2C]	146	4.G
5103-74-2	trans-Chlordane [2C]	167	4.G
72-55-9	4,4'-DDE [2C]	93.7	4.G
959-98-8	Endosulfan I [2C]	179	
60-57-1	Dieldrin [2C]	163	4.G
72-20-8	Endrin [2C]	90.0	4.G
72-54-8	4,4'-DDD [2C]	158	
33212-65-9	Endosulfan II [2C]	94.0	4.G
50-29-3	4,4'-DDT [2C]	66.0	4.G
1031-07-8	Endosulfan Sulfate [2C]	87.8	4.G

LONG ISLAND ANALYTICAL LABORATORIES INC.
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414016-MSD1	File ID:	B414016-MSD1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:34
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC	52.3	4.G, 4.T
58-89-9	gamma-BHC / Lindane	36.4	4.G, 4.T
319-85-7	beta-BHC	51.4	4.G, 4.T
319-86-8	delta-BHC	38.8	4.G, 4.T
76-44-8	Heptachlor	41.2	4.G, 4.T
309-00-2	Aldrin	145	
5103-74-2	trans-Chlordane	80.1	4.G, 4.T
5103-71-9	cis-Chlordane	92.8	4.G, 4.T
72-55-9	4,4'-DDE	148	
959-98-8	Endosulfan I	60.2	4.G, 4.T
60-57-1	Dieldrin	110	4.G, 4.T
72-20-8	Endrin	38.6	4.T, 4.G
72-54-8	4,4'-DDD	62.9	4.G, 4.T
33213-65-9	Endosulfan II	25.8	4.G, 4.T
50-29-3	4,4'-DDT	32.2	4.T, 4.G
1031-07-8	Endosulfan Sulfate	26.9	4.T, 4.G
2385-85-5	Mirex	42.0	4.G, 4.T

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414016-MSD1	File ID:	B414016-MSD1.D
Sampled:		Prepared:	04/01/24 09:10	Analyzed:	04/01/24 18:34
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414016	Sequence:	S414015	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
319-84-6	alpha-BHC [2C]	57.5	4.G, 4.T
58-89-9	gamma-BHC [lindane] [2C]	39.6	4.G, 4.T
319-85-7	beta-BHC [2C]	61.4	4.G, 4.T
319-86-8	delta-BHC [2C]	30.9	4.G, 4.T
76-44-8	Heptachlor [2C]	39.8	4.G, 4.T
309-00-2	Aldrin [2C]	159	4.G
5103-71-9	cis-Chlordane [2C]	98.7	4.G, 4.T
5103-74-2	trans-Chlordane [2C]	142	4.G
72-55-9	4,4'-DDE [2C]	50.5	4.G, 4.T
959-98-8	Endosulfan I [2C]	173	
60-57-1	Dieldrin [2C]	115	4.G, 4.T
72-20-8	Endrin [2C]	45.7	4.G, 4.T
72-54-8	4,4'-DDD [2C]	91.1	4.G, 4.T
33212-65-9	Endosulfan II [2C]	45.0	4.G, 4.T
50-29-3	4,4'-DDT [2C]	32.4	4.G, 4.T
1031-07-8	Endosulfan Sulfate [2C]	35.8	4.T, 4.G

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-BLK1	File ID:	B414053-BLK1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 11:14
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC	2.00	U
58-89-9	gamma-BHC / Lindane	2.00	U
319-85-7	beta-BHC	2.00	U
319-86-8	delta-BHC	2.00	U
76-44-8	Heptachlor	2.00	U
309-00-2	Aldrin	2.00	U
5103-71-9	cis-Chlordane	2.00	U
72-55-9	4,4'-DDE	2.00	U
959-98-8	Endosulfan I	2.00	U
60-57-1	Dieldrin	2.00	U
72-20-8	Endrin	2.00	U
72-54-8	4,4'-DDD	2.00	U
33213-65-9	Endosulfan II	2.00	U
50-29-3	4,4'-DDT	2.00	U
1031-07-8	Endosulfan Sulfate	2.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-BLK1	File ID:	B414053-BLK1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 11:14
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC [2C]	2.00	U
58-89-9	gamma-BHC [lindane] [2C]	2.00	U
319-85-7	beta-BHC [2C]	2.00	U
319-86-8	delta-BHC [2C]	2.00	U
76-44-8	Heptachlor [2C]	2.00	U
309-00-2	Aldrin [2C]	2.00	U
5103-71-9	cis-Chlordane [2C]	2.00	U
72-55-9	4,4'-DDE [2C]	2.00	U
959-98-8	Endosulfan I [2C]	2.00	U
60-57-1	Dieldrin [2C]	2.00	U
72-20-8	Endrin [2C]	2.00	U
72-54-8	4,4'-DDD [2C]	2.00	U
33212-65-9	Endosulfan II [2C]	2.00	U
50-29-3	4,4'-DDT [2C]	2.00	U
1031-07-8	Endosulfan Sulfate [2C]	2.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-BS1	File ID:	B414053-BS1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 11:39
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC	1.72	U
58-89-9	gamma-BHC / Lindane	1.74	U
319-85-7	beta-BHC	1.64	U
319-86-8	delta-BHC	1.74	U
76-44-8	Heptachlor	1.74	U
309-00-2	Aldrin	1.68	U
5103-71-9	cis-Chlordane	1.67	U
72-55-9	4,4'-DDE	1.64	U
959-98-8	Endosulfan I	1.73	U
60-57-1	Dieldrin	1.70	U
72-20-8	Endrin	1.83	U
72-54-8	4,4'-DDD	1.64	U
33213-65-9	Endosulfan II	1.75	U
50-29-3	4,4'-DDT	1.59	U
1031-07-8	Endosulfan Sulfate	1.64	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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NJDEP# NY012
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-BS1	File ID:	B414053-BS1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 11:39
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC [2C]	1.87	U
58-89-9	gamma-BHC [lindane] [2C]	1.88	U
319-85-7	beta-BHC [2C]	1.76	U
319-86-8	delta-BHC [2C]	1.87	U
76-44-8	Heptachlor [2C]	1.92	U
309-00-2	Aldrin [2C]	1.91	U
5103-71-9	cis-Chlordane [2C]	1.90	U
72-55-9	4,4'-DDE [2C]	1.94	U
959-98-8	Endosulfan I [2C]	1.93	U
60-57-1	Dieldrin [2C]	1.94	U
72-20-8	Endrin [2C]	2.06	
72-54-8	4,4'-DDD [2C]	1.95	U
33212-65-9	Endosulfan II [2C]	1.96	U
50-29-3	4,4'-DDT [2C]	1.92	U
1031-07-8	Endosulfan Sulfate [2C]	1.95	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-MS1	File ID:	B414053-MS1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 12:04
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC	1.67	U
58-89-9	gamma-BHC / Lindane	1.70	U
319-85-7	beta-BHC	1.62	U
319-86-8	delta-BHC	1.71	U
76-44-8	Heptachlor	1.70	U
309-00-2	Aldrin	1.65	U
5103-71-9	cis-Chlordane	1.66	U
72-55-9	4,4'-DDE	1.64	U
959-98-8	Endosulfan I	1.72	U
60-57-1	Dieldrin	1.69	U
72-20-8	Endrin	1.82	U
72-54-8	4,4'-DDD	1.65	U
33213-65-9	Endosulfan II	1.74	U
50-29-3	4,4'-DDT	1.59	U
1031-07-8	Endosulfan Sulfate	1.64	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-MS1	File ID:	B414053-MS1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 12:04
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC [2C]	1.83	U
58-89-9	gamma-BHC [lindane] [2C]	1.85	U
319-85-7	beta-BHC [2C]	1.71	U
319-86-8	delta-BHC [2C]	1.84	U
76-44-8	Heptachlor [2C]	1.90	U
309-00-2	Aldrin [2C]	1.88	U
5103-71-9	cis-Chlordane [2C]	1.88	U
72-55-9	4,4'-DDE [2C]	1.93	U
959-98-8	Endosulfan I [2C]	1.92	U
60-57-1	Dieldrin [2C]	1.93	U
72-20-8	Endrin [2C]	2.03	
72-54-8	4,4'-DDD [2C]	1.95	U
33212-65-9	Endosulfan II [2C]	1.95	U
50-29-3	4,4'-DDT [2C]	1.91	U
1031-07-8	Endosulfan Sulfate [2C]	1.95	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-MSD1	File ID:	B414053-MSD1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 12:29
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC	1.78	U
58-89-9	gamma-BHC / Lindane	1.80	U
319-85-7	beta-BHC	1.70	U
319-86-8	delta-BHC	1.80	U
76-44-8	Heptachlor	1.80	U
309-00-2	Aldrin	1.73	U
5103-71-9	cis-Chlordane	1.72	U
72-55-9	4,4'-DDE	1.70	U
959-98-8	Endosulfan I	1.79	U
60-57-1	Dieldrin	1.76	U
72-20-8	Endrin	1.89	U
72-54-8	4,4'-DDD	1.71	U
33213-65-9	Endosulfan II	1.80	U
50-29-3	4,4'-DDT	1.64	U
1031-07-8	Endosulfan Sulfate	1.70	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414053-MSD1	File ID:	B414053-MSD1.D
Sampled:		Prepared:	04/02/24 09:00	Analyzed:	04/03/24 12:29
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414053	Sequence:	S414033	Calibration:	L403002
Instrument:	HP ECD HD				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
319-84-6	alpha-BHC [2C]	1.94	U
58-89-9	gamma-BHC [lindane] [2C]	1.97	U
319-85-7	beta-BHC [2C]	1.82	U
319-86-8	delta-BHC [2C]	1.96	U
76-44-8	Heptachlor [2C]	2.01	
309-00-2	Aldrin [2C]	1.99	U
5103-71-9	cis-Chlordane [2C]	1.98	U
72-55-9	4,4'-DDE [2C]	2.02	
959-98-8	Endosulfan I [2C]	2.00	
60-57-1	Dieldrin [2C]	2.02	
72-20-8	Endrin [2C]	2.15	
72-54-8	4,4'-DDD [2C]	2.03	
33212-65-9	Endosulfan II [2C]	2.03	
50-29-3	4,4'-DDT [2C]	2.00	
1031-07-8	Endosulfan Sulfate [2C]	2.02	

PREPARATION BENCH SHEET

Printed: 4/2/2024 9:59:01AM

Analysis
NYC Part 375 Pesticides

B414016

Long Island Analytical Laboratories, Inc.

Prepared using: EPA 3545 A

Surrogate Solution
2401894 8080 Surrogate 100 ppm Working

Spiking Solution
2400926 8081 100ppm spiking std

Matrix: Soil

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (g)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414016-BLK1	Blank			04/01/2024 09:10	15	30		30	
B414016-BS1	LCS			04/01/2024 09:10	15	30	30	30	
B414016-MS1	Matrix Spike [4032817-02]			04/01/2024 09:10	15	30	30	30	
B414016-MSD1	Matrix Spike Dup [4032817-02]			04/01/2024 09:10	15	30	30	30	
4032817-01	Stockpile A - Comp	04/03/202	04/11/202	04/01/2024 09:10	15	30		30	48 Hr Rush - Cat B!!!
4032817-02	Stockpile B - Comp	04/03/202	04/11/202	04/01/2024 09:10	15	30		30	Use this as MS/MSD 48 Hr Rush - Cat B!!!
4032912-01	Stockpile Comp 1-5	04/05/202	04/11/202	04/01/2024 09:10	15	30		30	

5414015

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2105149	Copper, Granular	123090BO
2201900	Silica Gel	22D0161005
2303425	Baked Blank Sand	N/A
2400249	Sodium Sulfate Anhydrous, Heated	21I0261021
2400532	Hexanes (95% n-hexane)	23I2762002
2400673	Baked Blank Sand	N/A
2401410	1:1 Hexane/Acetone	Hexane/Acetone

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 10:44 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:34:34 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.142	22402524	29248428	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.479f	0.000	12700	0	N.D.	N.D.
24) S	DECACHLOR...	0.000	0.000	0	0	N.D.	N.D.
	Target Compounds						
3) T	a-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	Y-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	B-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	d-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	0.000	0	0	N.D.	N.D.
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	0.000	0.000	0	0	N.D.	N.D.
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	6.105	0.000	10079	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 10:44 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:34:34 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 11:09 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:33:39 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.143	23883818	31362106	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.799	42669574	59507966	107.666	108.814
24) S	DECACHLOR...	9.300	13.596	46696665	66842835	92.418	103.609m
	Target Compounds						
3) T	a-BHC	2.903	3.298	72120292	103.3E6	97.702	104.982
4) T	Y-BHC	3.142	3.610	66105218	93695537	100.897	108.186
5) T	B-BHC	3.206	3.673	26081222	36397617	101.398	108.710
6) T	d-BHC	3.349	3.947	63827021	90819932	98.625	105.331
7) T	HEPTACHLOR	3.518	4.020	62613042	92415105	98.322	107.994
8) T	ALDRIN	3.771	4.331	58613233	88480875	96.941	108.861
9) T	HEPTACHLO...	4.302	4.888	53125991	77305024	98.386	107.595
10) T	TRANS-CHL...	4.414	5.076	54458633	78962713	98.047	109.799
11) T	CIS-CHLOR...	4.538	5.226	53495833	76477477	96.317	106.485
12) T	4,4'DDE	4.611	5.293	49104647	70142397	96.635	108.722
13) T	ENDSULFANT I	4.666	5.403	49924872	73016836	100.781	107.996
14) T	DIELDRIN	4.893	5.606	54441668	79146656	99.964	110.203
15) T	ENDRIN	5.118	5.996	51405112	73439870	107.960	117.271
16) T	4,4'DDD	5.190	6.142	40844598	60369435	99.590	110.970
17) T	ENDOSULFA...	5.348	6.293	47471561	66908641	103.523	110.671
18) T	4,4'DDT	5.490	6.631	45862443	68082283	96.288	110.543
19) T	ENDRIN AL...	5.837	6.838	34410101	49689047	100.644	110.025
20) T	METHOXYCHLOR	6.116	7.358	24043917	61328206	98.725	111.622
21) T	MIREX	6.257	8.051	39413006	37108961	98.944	111.809
22) T	ENDORSULF...	6.439	8.441	43979154	55935879	99.004	114.218m
23) T	ENDRIN KE...	6.877	8.574	52790679	74726394	93.935	107.726

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 11:09 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 01 17:33:39 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-BLK1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 5:19 pm
Operator : CKL
Sample : B414016-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:50:46 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.013	2.150	24165749	33267684	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.515	2.809	36131687	55141333	89.886	94.843
24) S	DECACHLOR...	9.335f	13.622	40823748	61400186	79.446	89.721m
	Target Compounds						
3) T	a-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	Y-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	B-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	d-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	0.000	0.000	0	0	N.D. d	N.D. d
9) T	HEPTACHLO...	4.341f	0.000	48164	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	0.000	0.000	0	0	N.D.	N.D.
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-BLK1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 5:19 pm
Operator : CKL
Sample : B414016-BLK1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:50:46 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-BS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 5:44 pm
Operator : CKL
Sample : B414016-BS1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:05 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.008	2.144	22189408	29811790	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.506	2.800	31781394	47674008	86.049	91.446
24) S	DECACHLOR...	9.297	13.594	36446573	53705946	77.162	87.575
	Target Compounds						
3) T	a-BHC	2.905	3.299	67038753	99210596	97.751	106.020
4) T	Y-BHC	3.144	3.611	60110221	87966769	98.833	106.899
5) T	B-BHC	3.208	3.674	22201871	31331248	93.078	98.622
6) T	d-BHC	3.349	3.948	59185353	86659588	98.444	105.717
7) T	HEPTACHLOR	3.520	4.021	59571117	89827474	100.679	110.389
8) T	ALDRIN	3.772	4.332	54891925	85283961	97.703	110.358
9) T	HEPTACHLO...	4.304	4.888	50799319	75794370	101.274	110.947
10) T	TRANS-CHL...	4.416	5.076	50067876	74245511	97.050	108.632
11) T	CIS-CHLOR...	4.539	5.227	49886744	73244190	96.671	107.277
12) T	4,4'DDE	4.613	5.294	45623138	67037251	96.639	109.306
13) T	ENDSULFANT I	4.667	5.404	46357050	70669100	100.725	109.927
14) T	DIELDRIN	4.894	5.608	49721911	75128923	98.291	110.052
15) T	ENDRIN	5.119	5.996	46825822	68398848	105.858	114.937
16) T	4,4'DDD	5.191	6.143	37009645	57185809	97.216	110.593
17) T	ENDOSULFA...	5.350	6.292	43682085	63858892	102.528	111.117
18) T	4,4'DDT	5.491	6.631	41376576	64281775	93.605	109.818
19) T	ENDRIN AL...	5.839	6.838	24910825	37197595	78.636	86.803
20) T	METHOXYCHLOR	6.119	7.359	22407893	57245912	99.042	109.611
21) T	MIREX	6.260	8.053	35668348	36003287	96.369	114.172
22) T	ENDORSULF...	6.439	8.439	39665195	51736825	96.134	111.049m
23) T	ENDRIN KE...	6.880	8.574	46963949	68976040	89.972	104.587

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-BS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 5:44 pm
Operator : CKL
Sample : B414016-BS1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:05 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-MS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:09 pm
Operator : CKL
Sample : B414016-MS1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:29 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.007	2.143	18383402	24661863	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.800	22604244	32347884	73.682	74.705
24) S	DECACHLOR...	9.297	13.589	20009775	29643824	50.126	58.433m
	Target Compounds						
3) T	a-BHC	2.902	3.299	16007614	24215168	31.596	34.594
4) T	Y-BHC	3.142	3.610	10917183	16357083	24.627	26.876
5) T	B-BHC	3.206	3.673	6427858	9331988	33.852	36.711
6) T	d-BHC	3.348	3.946	9859008	13566826	23.194	23.358
7) T	HEPTACHLOR	3.518	4.020	13099950	19031659	27.021	29.565
8) T	ALDRIN	3.770	4.331	29175413	44168673	63.356	69.807
9) T	HEPTACHLO...	4.302	4.888	20214351	28241114	48.414	50.529
10) T	TRANS-CHL...	4.413	5.075	20892821	36731552	50.063	65.850 #
11) T	CIS-CHLOR...	4.536	5.226	22803387	32107095	54.204	57.474
12) T	4,4'DDE	4.610	5.294	23247909	18313923	60.145	36.899 #
13) T	ENDSULFANT I	4.665	5.402	13936749	37087657	36.746	70.387 #
14) T	DIELDRIN	4.893	5.606	24818565	35711705	59.738	64.272
15) T	ENDRIN	5.117	5.996	11367537	16845922	31.219	35.463
16) T	4,4'DDD	5.188	6.142	13190776	26209349	43.805	62.399 #
17) T	ENDOSULFA...	5.348	6.293	8916044	17427295	24.791	36.998 #
18) T	4,4'DDT	5.488	6.630	7370179	11606136	23.609	25.994
19) T	ENDRIN AL...	5.836	6.838	7297841	10451405	29.304	30.983m
20) T	METHOXYCHLOR	6.116	7.357	3930876	9537174	18.672	22.108
21) T	MIREX	6.258	8.050	10107732	6656283	33.642	23.542 #
22) T	ENDORSULF...	6.437	8.440	6649271	14168521	21.538	34.583 #
23) T	ENDRIN KE...	6.877	8.575	8718403	11886905	21.950	21.217

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-MS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:09 pm
Operator : CKL
Sample : B414016-MS1
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:29 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-MSD1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:34 pm
Operator : CKL
Sample : B414016-MSD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:57 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.008	2.144	23842299	31487037	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.505	2.800	28616896	39914684	71.891	72.143
24) S	DECACHLOR...	9.298	13.593	24544417	35930406	47.245	55.472m
	Target Compounds						
3) T	a-BHC	2.904	3.298	12223778	18543119	20.580	22.629
4) T	Y-BHC	3.143	3.610	7155266	10733334	14.321	15.598
5) T	B-BHC	3.207	3.673	4768859	7622544	20.237	24.164
6) T	d-BHC	3.348	3.946	7441068	7233079	15.276	12.162
7) T	HEPTACHLOR	3.519	4.020	10102869	12183923	16.232	15.691
8) T	ALDRIN	3.771	4.331	34030567	50375825	57.169	62.564
9) T	HEPTACHLO...	4.303	4.887	17583188	22474345	32.325	31.877
10) T	TRANS-CHL...	4.415	5.075	16568286	39574101	31.535	55.911 #
11) T	CIS-CHLOR...	4.537	5.227	19587249	27405547	36.553	38.867
12) T	4,4'DDE	4.611	5.294	29181586	12230692	58.270	19.872 #
13) T	ENDSULFANT I	4.666	5.402	11607284	45797086	23.707	68.134 #
14) T	DIELDRIN	4.894	5.606	23231209	31544407	43.478	45.216
15) T	ENDRIN	5.118	5.995	7102436	10359218	15.187	17.999
16) T	4,4'DDD	5.190	6.142	9043165	18627395	24.795	35.856 #
17) T	ENDOSULFA...	5.348	6.293	4910233	10487260	10.169	17.708 #
18) T	4,4'DDT	5.490	6.629	4041252	6425151	12.669	12.738
19) T	ENDRIN AL...	5.838	6.837	5147626	7171104	17.177	17.907
20) T	METHOXYCHLOR	6.116	7.360	2160100	4809075	6.230	8.757 #
21) T	MIREX	6.259	8.051	6103230	3582968	16.535	8.455m#
22) T	ENDORSULF...	6.439	8.440	3531006	8296977	10.599	14.099 #
23) T	ENDRIN KE...	6.876	8.573	4758420	6323789	10.812	8.420m

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : B414016-MSD1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:34 pm
Operator : CKL
Sample : B414016-MSD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:51:57 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:59 pm
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:49:23 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.009	2.144	22674288	30170576	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.505	2.800	34675847	49871984	91.969	94.581
24) S	DECACHLOR...	9.297	13.592	38305276	54440601	79.448	87.717
	Target Compounds						
3) T	a-BHC	2.914	3.315	477137	50856	5.456	4.751
4) T	Y-BHC	3.107f	3.594	280030	295269	4.226	4.016
5) T	B-BHC	3.211	0.000	182519	0	2.770	N.D. #
6) T	d-BHC	3.358	3.944	157083	65975	4.500	4.211
7) T	HEPTACHLOR	3.508	4.055f	444381	83786	1.137	1.838 #
8) T	ALDRIN	3.770	4.329	1200981	2447399	3.933	4.993 #
9) T	HEPTACHLO...	4.303	4.885	186359	229281	N.D.	1.343
10) T	TRANS-CHL...	4.413	5.077	2182642	48404560	6.417	70.763 #
11) T	CIS-CHLOR...	4.532	5.227	3032833	2202396	7.571	4.485 #
12) T	4,4'DDE	4.609	0.000	1982146	0	5.865	N.D. #
13) T	ENDSULFANT I	0.000	5.403	0	3109801	N.D.	6.479 #
14) T	DIELDRIN	4.893	5.606	2180230	2656072	5.467	6.194
15) T	ENDRIN	5.121	6.000	73798	92044	0.446	1.922 #
16) T	4,4'DDD	5.187	6.138	103510	741163	3.735	3.913
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	5.490	6.631	1372496	2072680	7.529	6.007
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	6.251	0.000	157772	0	2.142	N.D. #
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 6:59 pm
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:49:23 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 7:24 pm
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:49:52 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.008	2.144	23062450	30415678	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.505	2.800	32647793	47856685	85.033	89.947
24) S	DECACHLOR...	9.300	13.595	38557457	53566066	78.594m	85.613m
	Target Compounds						
3) T	a-BHC	2.892	3.315	156329	258541	5.017	4.958
4) T	Y-BHC	3.113f	3.595	173896	495464	4.057	4.243
5) T	B-BHC	3.183	3.681	1331985	111199	7.293	2.216 #
6) T	d-BHC	3.358	0.000	403968	0	4.874	N.D. #
7) T	HEPTACHLOR	3.518	4.019	1706494	2351132	3.169	4.525 #
8) T	ALDRIN	0.000	4.328	0	159629	N.D.	2.117 #
9) T	HEPTACHLO...	4.302	4.886	2279534	3287424	3.951	5.688 #
10) T	TRANS-CHL...	4.413	5.075	4131593	5540901	9.895	9.983
11) T	CIS-CHLOR...	4.533	5.226	4599229	3271721	10.338	5.975 #
12) T	4,4'DDE	4.610	5.277	912069	62608	3.658	1.297 #
13) T	ENDSULFANT I	0.000	5.404	0	1742422	N.D.	4.390 #
14) T	DIELDRIN	4.892	5.606	5413488	7248193	11.465	12.611
15) T	ENDRIN	5.119	5.981	104464	168907	0.510	2.045 #
16) T	4,4'DDD	5.188	6.102f	125952	383052	3.785	3.238
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	5.486	6.632	213124	889210	5.113	4.045
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	6.253	8.016	355296	132723	2.628	N.D. #
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0401\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Apr 2024 7:24 pm
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 02 09:49:52 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

PREPARATION BENCH SHEET

Printed: 4/2/2024 9:06:41AM

B414053

Long Island Analytical Laboratories, Inc.

Analysis
EPA 8081 B
NYC Part 375 Pesticides

Prepared using: EPA 3510 C

Surrogate Solution
2401894 8080 Surrogate 100 ppm Working

Spiking Solution
2400926 8081 100ppm spiking std

Matrix: Non-Potable Water

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414053-BLK1	Blank			04/02/2024 09:05	500	10		10	
B414053-BS1	LCS			04/02/2024 09:05	500	10	10	10	
B414053-MS1	Matrix Spike [4032745-05]			04/02/2024 09:05	500	10	10	10	
B414053-MSD1	Matrix Spike Dup [4032745-05]			04/02/2024 09:05	500	10	10	10	
4032745-02	Field Blank	04/03/202	04/03/202	04/02/2024 09:05	500	10		10	Category B Deliverables!!
4032745-03	MW-2	04/03/202	04/03/202	04/02/2024 09:05	500	10		10	Category B Deliverables!!
4032745-04	MW-4	04/03/202	04/03/202	04/02/2024 09:05	500	10		10	Category B Deliverables!!
4032745-05	MW-1		03/27/202	04/02/2024 09:05	500	10		10	Added for BatchQC in: B414053
4032745-05	MW-1	04/03/202	04/03/202	04/02/2024 09:05	500	10		10	Use this as MS/MSD Category B Deliverables!!
4032817-10	Equipment Blank	04/03/202	04/04/202	04/02/2024 09:05	500	10		10	48 Hr Rush - Cat B!!!

S'414033

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2105149	Copper, Granular	123090BO
2400249	Sodium Sulfate Anhydrous, Heated	2110261021
2400532	Hexanes (95% n-hexane)	23I2762002
2401529	Methylene Chloride	EI190-US

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 10:00 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:13:59 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.142	24909821	33221656	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.483	0.000	20858	0	N.D.	N.D.
24) S	DECACHLOR...	0.000	0.000	0	0	N.D.	N.D.
	Target Compounds						
3) T	a-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	Y-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	B-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	d-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	0.000	0	0	N.D.	N.D.
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	0.000	0.000	0	0	N.D.	N.D.
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 10:00 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:13:59 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 10:25 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:13:39 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.143	26756747	35758344	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.799	46847743	68061423	105.489	109.159
24) S	DECACHLOR...	9.295	13.593	51250448	77395238	90.479	105.216m
	Target Compounds						
3) T	a-BHC	2.903	3.299	80873023	118.7E6	97.791	105.783
4) T	Y-BHC	3.143	3.610	73787655	107.5E6	100.544	108.868
5) T	B-BHC	3.206	3.674	29123745	41427517	101.076	108.524
6) T	d-BHC	3.349	3.948	71145946	104.3E6	98.151	106.057
7) T	HEPTACHLOR	3.519	4.020	69914000	106.8E6	98.000	109.482
8) T	ALDRIN	3.770	4.331	64792243	101.4E6	95.679	109.403
9) T	HEPTACHLO...	4.303	4.888	58603293	88643226	96.870	108.202
10) T	TRANS-CHL...	4.415	5.076	60256684	91706045	96.867	111.800
11) T	CIS-CHLOR...	4.537	5.227	58856870	88035592	94.626	107.495
12) T	4,4'DDE	4.611	5.294	53754230	81513730	94.468	110.791
13) T	ENDSULFANT I	4.566	5.403	54613246	84668379	98.416	109.803
14) T	DIELDRIN	4.895	5.606	60230861	92330522	98.735	112.698
15) T	ENDRIN	5.118	5.995	56672377	84745354	106.247	118.666
16) T	4,4'DDD	5.190	6.142	44747692	70760365	97.468	114.008
17) T	ENDOSULFA...	5.248	6.292	52167996	77788756	101.538	112.838
18) T	4,4'DDT	5.489	6.632	50045674	79362120	93.880	113.653
19) T	ENDRIN AL...	5.837	6.837	37998746	57798864	99.214	112.246
20) T	METHOXYCHLOR	6.115	7.359	26572618	71507197	97.353	114.146
21) T	MIREX	6.258	8.053	43386188	43988459	97.216	116.343
22) T	ENDOSULF...	6.438	8.438	48843901	64454204	98.156	115.465
23) T	ENDRIN KE...	6.877	8.573	58691538	88094915	93.225	111.409

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 11:25 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:13:39 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-BLK1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 11:14 am
Operator : CKL
Sample : B414053-BLK1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:54:34 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.009	2.147	24194044	32719872	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.511	2.805	35487827	51677648	88.155	90.295
24) S	DECACHLOR...	9.325	13.612	38194658	58486408	74.047	86.894m
	Target Compounds						
3) T	a-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	Y-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	B-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	d-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	0.000	0	0	N.D.	N.D.
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	0.000	0.000	0	0	N.D.	N.D.
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	0.000	0.000	0	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-BLK1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 11:14 am
Operator : CKL
Sample : B414053-BLK1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 11:54:34 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-BS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 11:39 am
Operator : CKL
Sample : B414053-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:17:26 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.143	24393635	32851452	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.505	2.800	32717655	47746538	80.494	82.959
24) S	DECACHLOR...	9.301	13.595	36595884	53549702	70.218m	79.241
	Target Compounds						
3) T	a-BHC	2.904	3.299	64261289	95687124	85.849	93.380
4) T	Y-BHC	3.144	3.611	57722042	84788759	86.811	93.963
5) T	B-BHC	3.207	3.675	21493120	30669455	82.207	87.816
6) T	d-BHC	3.350	3.948	57092709	83956782	86.904	93.443
7) T	HEPTACHLOR	3.519	4.021	56518030	85909455	86.943	96.036
8) T	ALDRIN	3.772	4.332	51776199	80906087	84.097	95.273
9) T	HEPTACHLO...	4.304	4.889	47318292	72245140	85.743	96.104
10) T	TRANS-CHL...	4.416	5.076	47155142	72005877	83.485	95.870
11) T	CIS-CHLOR...	4.538	5.228	47306752	71403074	83.654	95.058
12) T	4,4'DDE	4.613	5.295	42497984	65531348	82.165	97.099
13) T	ENDSULFANT I	4.667	5.404	43786142	68065945	86.585	96.304
14) T	DIELDRIN	4.894	5.607	47150720	72938193	84.965	97.247
15) T	ENDRIN	5.119	5.997	44458959	67457687	91.464	103.053
16) T	4,4'DDD	5.191	6.144	34073047	55460002	81.980	97.634
17) T	ENDOSULFA...	5.349	6.294	40985282	61900337	87.414	97.804
18) T	4,4'DDT	5.491	6.633	38319272	61821054	79.442	96.171
19) T	ENDRIN AL...	5.840	6.840	28580110	43927793	82.009	92.947
20) T	METHOXYCHLOR	6.118	7.361	20735906	54981378	82.909	95.539
21) T	MIREX	6.260	8.054	33663390	35055226	82.722	100.583
22) T	ENDORSULF...	6.442	8.442	37173495	50196545	82.125	97.385
23) T	ENDRIN KE...	6.880	8.574	43367907	66240940	75.737	91.053

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-BS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 11:39 am
Operator : CKL
Sample : B414053-BS1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:17:26 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-MS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:04 pm
Operator : CKL
Sample : B414053-MS1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:22:09 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.142	24135868	32388755	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.503	2.799	31392914	46143207	78.019	81.286
24) S	DECACHLOR...	9.293	13.595	34648549	52527300	67.063m	78.838m
	Target Compounds						
3) T	a-BHC	2.903	3.299	61862946	92142396	83.658	91.314
4) T	Y-BHC	3.143	3.610	55861736	82104134	84.993	92.353
5) T	B-BHC	3.207	3.673	20903894	29500536	80.842	85.722
6) T	d-BHC	3.349	3.947	55367251	81641667	85.262	92.221
7) T	HEPTACHLOR	3.519	4.020	54719310	83689011	85.084	94.911
8) T	ALDRIN	3.771	4.331	50125326	78749849	82.326	94.083
9) T	HEPTACHLO...	4.304	4.887	46135142	70525301	84.485	95.166
10) T	TRANS-CHL...	4.415	5.076	46238979	70054693	82.759	94.634
11) T	CIS-CHLOR...	4.537	5.226	46462745	69430178	83.053	93.770
12) T	4,4'DDE	4.611	5.294	41847007	64239314	81.780	96.551
13) T	ENDSULFANT I	4.666	5.403	42915353	67025983	85.773	96.190
14) T	DIELDRIN	4.893	5.607	46303420	71381797	84.339	96.549
15) T	ENDRIN	5.118	5.996	43718836	65571009	90.903	101.627
16) T	4,4'DDD	5.190	6.143	33847041	54631663	82.292	97.552
17) T	ENDOSULFA...	5.348	6.292	40429166	60881095	87.147	97.569
18) T	4,4'DDT	5.490	6.631	37873294	60649857	79.360	95.710
19) T	ENDRIN AL...	5.837	6.838	28223851	43340873	81.854	93.015
20) T	METHOXYCHLOR	6.116	7.359	20242322	53933705	81.761	95.058
21) T	MIREX	6.259	8.053	33237810	34184008	82.549	99.457
22) T	ENDORSULF...	6.438	8.440	36633232	49426919	81.802	97.257
23) T	ENDRIN KE...	6.877	8.573	42599295	65317034	75.199	91.066

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-MS1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:04 pm
Operator : CKL
Sample : B414053-MS1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:22:09 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-MSD1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:29 pm
Operator : CKL
Sample : B414053-MSD1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:51:37 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.005	2.143	24685278	32941172	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.800	34118512	49880384	82.989	86.500
24) S	DECACHLOR...	9.298	13.594	37533763	56076025	71.207m	82.753m
	Target Compounds						
3) T	a-BHC	2.904	3.299	67393618	99853898	88.796	96.989
4) T	Y-BHC	3.143	3.611	60656129	89063105	90.000	98.257
5) T	B-BHC	3.207	3.674	22442195	31943847	84.759	91.143
6) T	d-BHC	3.350	3.948	59818399	88336720	89.826	97.846
7) T	HEPTACHLOR	3.519	4.021	59049315	90295527	89.751	100.580
8) T	ALDRIN	3.771	4.332	54069724	84896246	86.725	99.610
9) T	HEPTACHLO...	4.303	4.889	49503736	75473466	88.658	100.082
10) T	TRANS-CHL...	4.415	5.076	49337354	74951049	86.236	99.436
11) T	CIS-CHLOR...	4.538	5.227	49295634	74546299	86.083	98.917
12) T	4,4'DDE	4.612	5.294	44439581	68318244	84.843	100.905
13) T	ENDSULFANT I	4.667	5.403	45899409	71073899	89.681	100.213
14) T	DIELDRIN	4.894	5.607	49411864	76132477	87.941	101.129
15) T	ENDRIN	5.118	5.996	46536495	70451618	94.597	107.260
16) T	4,4'DDD	5.190	6.142	35973767	57871578	85.380	101.500
17) T	ENDOSULFA...	5.348	6.292	42736723	64470044	90.092	101.567
18) T	4,4'DDT	5.490	6.633	40114279	64599776	82.048	100.111
19) T	ENDRIN AL...	5.837	6.840	29685619	45868047	84.143	96.753
20) T	METHOXYCHLOR	6.115	7.360	21678162	57014938	85.749	98.802
21) T	MIREX	6.257	8.053	35053122	36629993	85.116	104.923
22) T	ENDORSULF...	6.440	8.441	38863587	52143806	84.799	101.004
23) T	ENDRIN KE...	6.878	8.576	45304281	69543628	78.144	95.367

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414053-MSD1.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:29 pm
Operator : CKL
Sample : B414053-MSD1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 12:51:37 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-02.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:55 pm
Operator : CKL
Sample : 4032745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 13:19:40 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.143	25515353	33958447	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.800	32498974	47075817	76.373	79.050
24) S	DECACHLOR...	9.295	13.594	41880872	62054747	77.107	88.833m
	Target Compounds						
3) T	a-BHC	2.950f	0.000	367746	0	5.252	N.D. #
4) T	Y-BHC	3.119	0.000	29158	0	3.833	N.D. #
5) T	B-BHC	0.000	3.666	0	58396	N.D.	2.038 #
6) T	d-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	HEPTACHLOR	3.515	0.000	14534	0	0.426	N.D. #
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	5.077	0	4204384	N.D.	7.489 #
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	5.115	0.000	10339	0	0.304	N.D. #
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	5.309f	0.000	21031	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D.	N.D.
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-02.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 12:55 pm
Operator : CKL
Sample : 4032745-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 13:19:40 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-03.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 1:20 pm
Operator : CKL
Sample : 4032745-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:01 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.143	24968094	33054394	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.505	2.799	35859055	51403434	86.288	88.881
24) S	DECACHLOR...	9.299	13.592	43152449	64535006	81.348	94.910
	Target Compounds						
3) T	a-BHC	2.951f	0.000	476280	0	5.395	N.D. #
4) T	Y-BHC	3.116f	0.000	10587	0	3.807	N.D. #
5) T	B-BHC	3.180f	3.662	11469	117952	2.079	2.208
6) T	d-BHC	3.345	0.000	12690	0	4.274	N.D. #
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	3.726f	0.000	28567	0	1.926	N.D. #
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	5.077	0	5191237	N.D.	8.910 #
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	5.114	0.000	38116	0	0.360	N.D. #
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	5.346	0.000	16357	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D.	N.D.
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	6.093	0.000	27655	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	6.433	0.000	48542	0	3.148	N.D. #
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-03.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 1:20 pm
Operator : CKL
Sample : 4032745-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:01 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-04.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 1:45 pm
Operator : CKL
Sample : 4032745-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:21 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.142	26363815	34400729	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.799	36728549	52422835	83.661	87.063
24) S	DECACHLOR...	9.295	13.593	44662088	66236285	79.678m	93.600
	Target Compounds						
3) T	a-BHC	2.952f	0.000	615196	0	5.526	N.D. #
4) T	Y-BHC	3.141	0.000	10843	0	3.807	N.D. #
5) T	B-BHC	3.244f	3.664	19900	80777	2.106	2.096
6) T	d-BHC	3.304f	0.000	50544	0	4.323	N.D. #
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D.	N.D.
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	5.077	0	11871455	N.D.	16.946 #
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	5.118	5.980	53973	98438	0.386	1.913 #
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	5.345	0.000	26375	0	N.D.	N.D.
18) T	4,4'DDT	5.501	0.000	12847	0	4.700	N.D. #
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	6.090	0.000	12281	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	6.430	0.000	13533	0	3.075	N.D. #
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-04.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 1:45 pm
Operator : CKL
Sample : 4032745-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:21 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-05.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 2:11 pm
Operator : CKL
Sample : 4032745-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:44 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.143	25357691	33143513	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.800	38693157	55589571	91.761	95.992
24) S	DECACHLOR...	9.297	13.593	46714724	70029157	86.908	102.713
	Target Compounds						
3) T	a-BHC	2.909	3.312	39428	153464	4.856	4.840
4) T	Y-BHC	3.158	3.568f	32473	70969	3.837	3.748
5) T	B-BHC	3.184	3.664	15650	156835	2.094	2.315
6) T	d-BHC	3.300f	0.000	59420	0	4.338	N.D. #
7) T	HEPTACHLOR	3.517	4.022	14198	63710	0.426	1.807 #
8) T	ALDRIN	3.768	0.000	10950	0	1.898	N.D. #
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	4.418	5.077	16594	2040178	2.406	4.829 #
11) T	CIS-CHLOR...	4.535	0.000	21358	0	1.970	N.D. #
12) T	4,4'DDE	4.615	0.000	27929	0	1.885	N.D. #
13) T	ENDSULFANT I	4.615f	0.000	27929	0	0.359	N.D. #
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	5.116	0.000	39955	0	0.362	N.D. #
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	5.298f	0.000	24413	0	N.D.	N.D.
18) T	4,4'DDT	5.493	0.000	28171	0	4.730	N.D. #
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	6.433	0.000	61869	0	3.173	N.D. #
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032745-05.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 2:11 pm
Operator : CKL
Sample : 4032745-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:00:44 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032817-10.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 2:36 pm
Operator : CKL
Sample : 4032817-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:01:06 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB
	Internal Standards						
1) I	1-BROMO-2...	2.006	2.143	26058295	34277067	50.000	50.000
	System Monitoring Compounds						
2) S	2,4,5,6 T...	2.504	2.799	39028214	56116739	90.042	93.658
24) S	DECACHLOR...	9.298	13.589	46284437	68210196	83.685	96.737m
	Target Compounds						
3) T	a-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	Y-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	B-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	d-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	HEPTACHLOR	0.000	0.000	0	0	N.D. d	N.D. d
8) T	ALDRIN	0.000	0.000	0	0	N.D.	N.D.
9) T	HEPTACHLO...	0.000	0.000	0	0	N.D.	N.D.
10) T	TRANS-CHL...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	CIS-CHLOR...	0.000	0.000	0	0	N.D.	N.D.
12) T	4,4'DDE	0.000	0.000	0	0	N.D.	N.D.
13) T	ENDSULFANT I	0.000	0.000	0	0	N.D.	N.D.
14) T	DIELDRIN	0.000	0.000	0	0	N.D.	N.D.
15) T	ENDRIN	0.000	0.000	0	0	N.D. d	N.D. d
16) T	4,4'DDD	0.000	0.000	0	0	N.D.	N.D.
17) T	ENDOSULFA...	5.336	0.000	54961	0	N.D.	N.D.
18) T	4,4'DDT	0.000	0.000	0	0	N.D. d	N.D. d
19) T	ENDRIN AL...	0.000	0.000	0	0	N.D.	N.D.
20) T	METHOXYCHLOR	0.000	0.000	0	0	N.D.	N.D.
21) T	MIREX	0.000	0.000	0	0	N.D.	N.D.
22) T	ENDORSULF...	0.000	0.000	0	0	N.D. d	N.D. d
23) T	ENDRIN KE...	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032817-10.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 3 Apr 2024 2:36 pm
Operator : CKL
Sample : 4032817-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p
Quant Time: Apr 03 16:01:06 2024
Quant Method : C:\msdchem\1\methods\methods\2024 PT METHODS\PEST-JAN-18-2024-CKL.M
Quant Title : 8081P6E
QLast Update : Fri Jan 19 09:11:02 2024
Response via : Initial Calibration
Integrator: RTE

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	PPB	PPB

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

PFCs
EPA 1633 (Draft)

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

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QC SUMMARY

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PADEP# 68-2943

SYSTEM MONITORING COMPOUND SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	QQQ-1

	2-NMD3 (50% - 150%)	2-NMD3 (70% - 130%)	2-NMD5 (50% - 150%)	2-NMD5 (70% - 130%)	N-d5acid (50% - 150%)	N-d5acid (70% - 130%)	N-d5amide (50% - 150%)
4032817-01	97	73	72	134	39*		
4032817-02	349*	85	87	208*	51		
B414031-BLK1	98	28*	23*	151*	7*		
B414031-BS1	97	13*	13*	133	5*		
B414031-BS2	82	28*	30*	151*	2*		
B414031-MS1	238*	86	85	179*			
B414031-MSD1	222*	89	91	200*			

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NYSDOH ELAP# 11693
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CTDOH# PH-0284
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PADEP# 68-2943

SYSTEM MONITORING COMPOUND SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	QQQ-1

	2-NMD3 (50% - 150%)	2-NMD5 (50% - 150%)	N-d5acid (50% - 150%)	N-d5amide (50% - 150%)
4032817-10	96	96	92	104	90
B414128-BLK1	182*	163*	156*	144	97
B414128-BS1	99	146	141	99	99
B414128-BS2	95	132	132	90	98

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PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 1633 (Draft)
Batch:	B414031	Preparation:	EPA 1633
% Solids:	78.76	Laboratory ID:	B414031-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ng/kg dry)	SAMPLE CONCENTRATION (ng/kg dry)	MS CONCENTRATION (ng/kg dry)	MS % REC.		QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	5.08	ND	4.104	81		70 - 130
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	5.08	ND	4.895	96		70 - 130
4:2 FTS	10.2	ND	11.14	110		70 - 130
6:2 FTS	10.2	ND	10.45	103		70 - 130
8:2 FTS	10.2	ND	10.23	101		70 - 130
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	5.08	ND	4.463	88		70 - 130
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	5.08	ND	5.409	106		70 - 130
5:3 FTCA	50.8	ND	53.79	106		70 - 130
7:3 FTCA	50.8	ND	50.36	99		70 - 130
3:3 FTCA	10.2	ND	13.73	135	*	70 - 130
N-EtFOSA	2.54	ND	2.176	86		70 - 130
N-EtFOSAA	2.54	ND	3.250	128		70 - 130
N-EtFOSE	25.4	ND	25.11	99		70 - 130
N-MeFOSA	2.54	ND	2.259	89		70 - 130
N-MeFOSAA	2.54	ND	2.323	92		70 - 130
N-MeFOSE	25.4	ND	24.23	95		70 - 130
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	5.08	ND	4.665	92		70 - 130
Perfluoro-1-decanesulfonate (PFDS)	2.54	ND	2.345	92		70 - 130
Perfluoro-1-dodecanesulfonate (PFDoS)	2.54	ND	2.212	87		70 - 130
Perfluoro-1-nonanesulfonate (PFNS)	2.54	ND	2.313	91		70 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 1633 (Draft)
Batch:	B414031	Preparation:	EPA 1633
% Solids:	78.76	Laboratory ID:	B414031-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ng/kg dry)	SAMPLE CONCENTRATION (ng/kg dry)	MS CONCENTRATION (ng/kg dry)	MS % REC.		QC LIMITS REC.
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	5.08	ND	ND	0	*	70 - 130
Perfluoro-4-oxapentanoic acid (PFMPA)	5.08	ND	5.220	103		70 - 130
Perfluoro-5-oxahexanoic acid (PFMBA)	5.08	ND	4.760	94		70 - 130
Perfluorobutanesulfonic Acid (PFBS)	2.54	ND	2.654	104		70 - 130
Perfluorobutanoic Acid (PFBA)	10.2	ND	10.54	104		70 - 130
Perfluorodecanoic Acid (PFDA)	2.54	ND	2.510	99		70 - 130
Perfluorododecanoic Acid (PFDoA)	2.54	ND	2.476	98		70 - 130
Perfluoroheptanesulfonic Acid (PFHpS)	2.54	ND	2.438	96		70 - 130
Perfluoroheptanoic Acid (PFHpA)	2.54	ND	2.894	114		70 - 130
Perfluorohexanesulfonic Acid (PFHxS)	2.54	ND	2.723	107		70 - 130
Perfluorohexanoic Acid (PFHxA)	2.54	ND	2.269	89		70 - 130
Perfluorononanoic Acid (PFNA)	2.54	ND	2.519	99		70 - 130
Perfluorooctanesulfonamide (FOSA)	2.54	ND	2.836	112		70 - 130
Perfluorooctanesulfonic Acid (PFOS)	2.54	0.4406	2.847	95		70 - 130
Perfluorooctanoic Acid (PFOA)	2.54	0.2933	2.711	95		70 - 130
Perfluoropentanesulfonic Acid (PFPeS)	2.54	ND	2.872	113		70 - 130
Perfluoropentanoic Acid (PFPeA)	5.08	ND	5.394	106		70 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 1633 (Draft)
Batch:	B414031	Preparation:	EPA 1633
% Solids:	78.76	Laboratory ID:	B414031-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ng/kg dry)	SAMPLE CONCENTRATION (ng/kg dry)	MS CONCENTRATION (ng/kg dry)	MS % REC.	QC LIMITS REC.
Perfluorotetradecanoic Acid (PFTeA)	2.54	ND	2.849	112	70 - 130
Perfluorotridecanoic Acid (PFTriA)	2.54	ND	2.876	113	70 - 130
Perfluoroundecanoic Acid (PFUnA)	2.54	ND	2.086	82	70 - 130

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 1633 (Draft)
Batch:	B414031	Preparation:	EPA 1633
% Solids:	78.76	Laboratory ID:	B414031-MSD1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ng/kg dry)	MSD CONCENTRATION (ng/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfona	5.08	4.783	94		15		20	70 - 130
2,3,3,3-Tetrafluoro-2-propanoic acid	5.08	5.444	107		11		20	70 - 130
4:2 FTS	10.2	10.96	108		2		20	70 - 130
6:2 FTS	10.2	10.93	108		5		20	70 - 130
8:2 FTS	10.2	9.467	93		8		20	70 - 130
9-CHDF-3-oxanonane-1-sulfonate (9	5.08	4.917	97		10		20	70 - 130
Dodecafluoro-3H-4,8-dioxanonaoate	5.08	5.776	114		7		20	70 - 130
5:3 FTCA	50.8	62.04	122		14		20	70 - 130
7:3 FTCA	50.8	56.06	110		11		20	70 - 130
3:3 FTCA	10.2	12.73	125		8		20	70 - 130
N-EtFOSA	2.54	1.912	75		13		20	70 - 130
N-EtFOSAA	2.54	3.429	135	*	5		20	70 - 130
N-EtFOSE	25.4	24.49	96		2		20	70 - 130
N-MeFOSA	2.54	3.059	120		30	*	20	70 - 130
N-MeFOSAA	2.54	2.420	95		4		20	70 - 130
N-MeFOSE	25.4	24.61	97		2		20	70 - 130
Perfluoro(2-ethoxyethane)sulfonic a	5.08	4.863	96		4		20	70 - 130
Perfluoro-1-decanesulfonate (PFDS	2.54	2.195	86		7		20	70 - 130
Perfluoro-1-dodecanesulfonate (PFI	2.54	2.125	84		4		20	70 - 130
Perfluoro-1-nonanesulfonate (PFNS	2.54	2.336	92		1		20	70 - 130
Perfluoro-3-6,dioxaheptanoic acid (N	5.08	ND	0	*			20	70 - 130
Perfluoro-4-oxapentanoic acid (PFM	5.08	5.418	107		4		20	70 - 130
Perfluoro-5-oxahexanoic acid (PFMI	5.08	4.907	97		3		20	70 - 130
Perfluorobutanesulfonic Acid (PFBS	2.54	2.716	107		2		20	70 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 1633 (Draft)
Batch:	B414031	Preparation:	EPA 1633
% Solids:	78.76	Laboratory ID:	B414031-MSD1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ng/kg dry)	MSD CONCENTRATION (ng/kg dry)	MSD % REC. #	% RPD		QC LIMITS RPD	QC LIMITS REC.
Perfluorobutanoic Acid (PFBA)	10.2	10.49	103	0.5		20	70 - 130
Perfluorodecanoic Acid (PFDA)	2.54	2.762	109	10		20	70 - 130
Perfluorododecanoic Acid (PFDoA)	2.54	2.466	97	0.4		20	70 - 130
Perfluoroheptanesulfonic Acid (PFH	2.54	2.447	96	0.4		20	70 - 130
Perfluoroheptanoic Acid (PFHpA)	2.54	2.792	110	4		20	70 - 130
Perfluorohexanesulfonic Acid (PFH›	2.54	2.520	99	8		20	70 - 130
Perfluorohexanoic Acid (PFHxA)	2.54	2.391	94	5		20	70 - 130
Perfluorononanoic Acid (PFNA)	2.54	2.787	110	10		20	70 - 130
Perfluorooctanesulfonamide (FOSA	2.54	2.853	112	0.6		20	70 - 130
Perfluorooctanesulfonic Acid (PFOS	2.54	2.647	87	7		20	70 - 130
Perfluorooctanoic Acid (PFOA)	2.54	2.688	94	0.8		20	70 - 130
Perfluoropentanesulfonic Acid (PFP	2.54	2.598	102	10		20	70 - 130
Perfluoropentanoic Acid (PFPeA)	5.08	5.180	102	4		20	70 - 130
Perfluorotetradecanoic Acid (PFTeA	2.54	2.839	112	0.4		20	70 - 130
Perfluorotridecanoic Acid (PFTriA)	2.54	2.689	106	7		20	70 - 130
Perfluoroundecanoic Acid (PFUnA)	2.54	2.619	103	23	*	20	70 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 1633
Batch:	B414031	Laboratory ID:	B414031-BS1
Column:		Initial/Final:	5 g / 5 ml

ANALYTE	SPIKE ADDED (ng/kg wet)	LCS CONCENTRATION (ng/kg wet)	LCS % REC.	QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUc	4.00	3.359	84	50 - 150
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	4.00	4.225	106	50 - 150
4:2 FTS	8.00	8.803	110	50 - 150
6:2 FTS	8.00	8.459	106	50 - 150
8:2 FTS	8.00	7.791	97	50 - 150
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	4.00	4.087	102	50 - 150
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	4.00	4.500	112	50 - 150
5:3 FTCA	40.0	35.86	90	50 - 150
7:3 FTCA	40.0	33.34	83	50 - 150
3:3 FTCA	8.00	6.950	87	50 - 150
N-EtFOSA	2.00	1.511	76	50 - 150
N-EtFOSAA	2.00	2.480	124	50 - 150
N-EtFOSE	20.0	18.75	94	50 - 150
N-MeFOSA	2.00	1.171	59	50 - 150
N-MeFOSAA	2.00	1.812	91	50 - 150
N-MeFOSE	20.0	18.59	93	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	4.00	3.835	96	50 - 150
Perfluoro-1-decanesulfonate (PFDS)	2.00	1.609	80	50 - 150
Perfluoro-1-dodecanesulfonate (PFDoS)	2.00	1.257	63	50 - 150
Perfluoro-1-nonanesulfonate (PFNS)	2.00	1.784	89	50 - 150
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	4.00	3.457	86	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	4.00	4.268	107	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	4.00	3.875	97	50 - 150
Perfluorobutanesulfonic Acid (PFBS)	2.00	2.124	106	50 - 150
Perfluorobutanoic Acid (PFBA)	8.00	8.529	107	50 - 150
Perfluorodecanoic Acid (PFDA)	2.00	2.150	108	50 - 150
Perfluorododecanoic Acid (PFDoA)	2.00	2.022	101	50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	2.00	1.878	94	50 - 150
Perfluoroheptanoic Acid (PFHpA)	2.00	2.232	112	50 - 150

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 1633
Batch:	B414031	Laboratory ID:	B414031-BS1
Column:		Initial/Final:	5 g / 5 ml

ANALYTE	SPIKE ADDED (ng/kg wet)	LCS CONCENTRATION (ng/kg wet)	LCS % REC.	QC LIMITS REC.
Perfluorohexanesulfonic Acid (PFHxS)	2.00	2.194	110	50 - 150
Perfluorohexanoic Acid (PFHxA)	2.00	1.878	94	50 - 150
Perfluorononanoic Acid (PFNA)	2.00	2.015	101	50 - 150
Perfluorooctanesulfonamide (FOSA)	2.00	2.198	110	50 - 150
Perfluorooctanesulfonic Acid (PFOS)	2.00	1.870	94	50 - 150
Perfluorooctanoic Acid (PFOA)	2.00	1.959	98	50 - 150
Perfluoropentanesulfonic Acid (PFPeS)	2.00	2.100	105	50 - 150
Perfluoropentanoic Acid (PFPeA)	4.00	4.165	104	50 - 150
Perfluorotetradecanoic Acid (PFTeA)	2.00	2.375	119	50 - 150
Perfluorotridecanoic Acid (PFTriA)	2.00	2.011	101	50 - 150
Perfluoroundecanoic Acid (PFUnA)	2.00	1.846	92	50 - 150

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PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 1633
Batch:	B414031	Laboratory ID:	B414031-BS2
Column:		Initial/Final:	5 g / 5 ml

ANALYTE	SPIKE ADDED (ng/kg wet)	LCS CONCENTRATION (ng/kg wet)	LCS % REC.		QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUc	1.00	0.8140	81		50 - 150
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	1.00	0.9540	95		50 - 150
4:2 FTS	2.00	2.217	111		50 - 150
6:2 FTS	2.00	2.422	121		50 - 150
8:2 FTS	2.00	2.183	109		50 - 150
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	1.00	0.9210	92		50 - 150
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	1.00	1.059	106		50 - 150
5:3 FTCA	10.0	8.834	88		50 - 150
7:3 FTCA	10.0	8.767	88		50 - 150
3:3 FTCA	2.00	1.689	84		50 - 150
N-EtFOSA	0.500	ND	0	*	50 - 150
N-EtFOSAA	0.500	0.6600	132		50 - 150
N-EtFOSE	5.00	ND	0	*	50 - 150
N-MeFOSA	0.500	ND	0	*	50 - 150
N-MeFOSAA	0.500	0.5980	120		50 - 150
N-MeFOSE	5.00	5.884	118		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.00	0.9390	94		50 - 150
Perfluoro-1-decanesulfonate (PFDS)	0.500	0.4500	90		50 - 150
Perfluoro-1-dodecanesulfonate (PFDoS)	0.500	ND	0	*	50 - 150
Perfluoro-1-nonanesulfonate (PFNS)	0.500	0.5420	108		50 - 150
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	1.00	ND	0	*	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	1.00	ND	0	*	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	1.00	ND	0	*	50 - 150
Perfluorobutanesulfonic Acid (PFBS)	0.500	0.5370	107		50 - 150
Perfluorobutanoic Acid (PFBA)	2.00	2.571	129		50 - 150
Perfluorodecanoic Acid (PFDA)	0.500	0.5910	118		50 - 150
Perfluorododecanoic Acid (PFDoA)	0.500	0.5210	104		50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	0.500	0.4320	86		50 - 150
Perfluoroheptanoic Acid (PFHpA)	0.500	0.6090	122		50 - 150

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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 1633
Batch:	B414031	Laboratory ID:	B414031-BS2
Column:		Initial/Final:	5 g / 5 ml

ANALYTE	SPIKE ADDED (ng/kg wet)	LCS CONCENTRATION (ng/kg wet)	LCS % REC.		QC LIMITS REC.
Perfluorohexanesulfonic Acid (PFHxS)	0.500	0.5190	104		50 - 150
Perfluorohexanoic Acid (PFHxA)	0.500	0.6010	120		50 - 150
Perfluorononanoic Acid (PFNA)	0.500	0.5460	109		50 - 150
Perfluorooctanesulfonamide (FOSA)	0.500	0.5810	116		50 - 150
Perfluorooctanesulfonic Acid (PFOS)	0.500	0.5190	104		50 - 150
Perfluorooctanoic Acid (PFOA)	0.500	0.5090	102		50 - 150
Perfluoropentanesulfonic Acid (PFPeS)	0.500	0.4390	88		50 - 150
Perfluoropentanoic Acid (PFPeA)	1.00	1.064	106		50 - 150
Perfluorotetradecanoic Acid (PFTeA)	0.500	0.5440	109		50 - 150
Perfluorotridecanoic Acid (PFTriA)	0.500	ND	0	*	50 - 150
Perfluoroundecanoic Acid (PFUnA)	0.500	0.4710	94		50 - 150

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 1633
Batch:	B414128	Laboratory ID:	B414128-BS1
Column:		Initial/Final:	250 mL / 5 ml

ANALYTE	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC.	QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUc	80.0	64.94	81	50 - 150
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	80.0	77.94	97	50 - 150
4:2 FTS	160	174.2	109	50 - 150
6:2 FTS	160	188.2	118	50 - 150
8:2 FTS	160	157.1	98	50 - 150
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	80.0	71.50	89	50 - 150
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	80.0	75.30	94	50 - 150
5:3 FTCA	800	763.4	95	50 - 150
7:3 FTCA	800	628.1	79	50 - 150
3:3 FTCA	160	145.8	91	50 - 150
N-EtFOSA	40.0	34.36	86	50 - 150
N-EtFOSAA	40.0	41.94	105	50 - 150
N-EtFOSE	400	410.1	103	50 - 150
N-MeFOSA	40.0	33.76	84	50 - 150
N-MeFOSAA	40.0	37.80	94	50 - 150
N-MeFOSE	400	373.4	93	50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	80.0	81.36	102	50 - 150
Perfluoro-1-decanesulfonate (PFDS)	40.0	40.84	102	50 - 150
Perfluoro-1-dodecanesulfonate (PFDoS)	40.0	45.16	113	50 - 150
Perfluoro-1-nonanesulfonate (PFNS)	40.0	37.82	95	50 - 150
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	80.0	58.48	73	50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	80.0	88.84	111	50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	80.0	74.92	94	50 - 150
Perfluorobutanesulfonic Acid (PFBS)	40.0	43.64	109	50 - 150
Perfluorobutanoic Acid (PFBA)	160	157.2	98	50 - 150
Perfluorodecanoic Acid (PFDA)	40.0	42.54	106	50 - 150
Perfluorododecanoic Acid (PFDoA)	40.0	43.78	109	50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	40.0	44.48	111	50 - 150
Perfluoroheptanoic Acid (PFHpA)	40.0	43.94	110	50 - 150

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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USEPA# NY01273
CTDOH# PH-0284
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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 1633
Batch:	B414128	Laboratory ID:	B414128-BS1
Column:		Initial/Final:	250 mL / 5 ml

ANALYTE	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC.	QC LIMITS REC.
Perfluorohexanesulfonic Acid (PFHxS)	40.0	41.44	104	50 - 150
Perfluorohexanoic Acid (PFHxA)	40.0	38.32	96	50 - 150
Perfluorononanoic Acid (PFNA)	40.0	38.42	96	50 - 150
Perfluorooctanesulfonamide (FOSA)	40.0	40.44	101	50 - 150
Perfluorooctanesulfonic Acid (PFOS)	40.0	41.02	103	50 - 150
Perfluorooctanoic Acid (PFOA)	40.0	38.14	95	50 - 150
Perfluoropentanesulfonic Acid (PFPeS)	40.0	43.92	110	50 - 150
Perfluoropentanoic Acid (PFPeA)	80.0	78.80	98	50 - 150
Perfluorotetradecanoic Acid (PFTeA)	40.0	45.52	114	50 - 150
Perfluorotridecanoic Acid (PFTriA)	40.0	38.52	96	50 - 150
Perfluoroundecanoic Acid (PFUnA)	40.0	38.74	97	50 - 150

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 1633
Batch:	B414128	Laboratory ID:	B414128-BS2
Column:		Initial/Final:	250 mL / 5 ml

ANALYTE	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC.		QC LIMITS REC.
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUc	20.0	12.90	64		50 - 150
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	20.0	18.98	95		50 - 150
4:2 FTS	40.0	37.02	93		50 - 150
6:2 FTS	40.0	40.18	100		50 - 150
8:2 FTS	40.0	40.28	101		50 - 150
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	20.0	14.28	71		50 - 150
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	20.0	17.26	86		50 - 150
5:3 FTCA	200	176.0	88		50 - 150
7:3 FTCA	200	154.8	77		50 - 150
3:3 FTCA	40.0	40.98	102		50 - 150
N-EtFOSA	10.0	6.520	65		50 - 150
N-EtFOSAA	10.0	13.54	135		50 - 150
N-EtFOSE	100	88.54	89		50 - 150
N-MeFOSA	10.0	ND	0	*	50 - 150
N-MeFOSAA	10.0	10.22	102		50 - 150
N-MeFOSE	100	96.82	97		50 - 150
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	20.0	19.46	97		50 - 150
Perfluoro-1-decanesulfonate (PFDS)	10.0	8.060	81		50 - 150
Perfluoro-1-dodecanesulfonate (PFDoS)	10.0	8.800	88		50 - 150
Perfluoro-1-nonanesulfonate (PFNS)	10.0	8.500	85		50 - 150
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	20.0	12.50	62		50 - 150
Perfluoro-4-oxapentanoic acid (PFMPA)	20.0	20.80	104		50 - 150
Perfluoro-5-oxahexanoic acid (PFMBA)	20.0	16.82	84		50 - 150
Perfluorobutanesulfonic Acid (PFBS)	10.0	9.940	99		50 - 150
Perfluorobutanoic Acid (PFBA)	40.0	38.30	96		50 - 150
Perfluorodecanoic Acid (PFDA)	10.0	9.780	98		50 - 150
Perfluorododecanoic Acid (PFDoA)	10.0	9.920	99		50 - 150
Perfluoroheptanesulfonic Acid (PFHpS)	10.0	9.020	90		50 - 150
Perfluoroheptanoic Acid (PFHpA)	10.0	9.960	100		50 - 150

LONG ISLAND ANALYTICAL LABORATORIES INC.
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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 1633
Batch:	B414128	Laboratory ID:	B414128-BS2
Column:		Initial/Final:	250 mL / 5 ml

ANALYTE	SPIKE ADDED (ng/L)	LCS CONCENTRATION (ng/L)	LCS % REC.	QC LIMITS REC.
Perfluorohexanesulfonic Acid (PFHxS)	10.0	10.88	109	50 - 150
Perfluorohexanoic Acid (PFHxA)	10.0	9.160	92	50 - 150
Perfluorononanoic Acid (PFNA)	10.0	9.580	96	50 - 150
Perfluorooctanesulfonamide (FOSA)	10.0	9.160	92	50 - 150
Perfluorooctanesulfonic Acid (PFOS)	10.0	8.160	82	50 - 150
Perfluorooctanoic Acid (PFOA)	10.0	8.340	83	50 - 150
Perfluoropentanesulfonic Acid (PFPeS)	10.0	10.28	103	50 - 150
Perfluoropentanoic Acid (PFPeA)	20.0	19.84	99	50 - 150
Perfluorotetradecanoic Acid (PFTeA)	10.0	10.30	103	50 - 150
Perfluorotridecanoic Acid (PFTriA)	10.0	9.640	96	50 - 150
Perfluoroundecanoic Acid (PFUnA)	10.0	7.280	73	50 - 150

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4 - FORM IV
METHOD BLANK SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414031-BLK1	Batch:	B414031

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414031-MSD1	240408	21:44
Matrix Spike	B414031-MS1	240408	21:11
LCS	B414031-BS2	240408	20:37
LCS	B414031-BS1	240408	20:03
Stockpile B - Comp	4032817-02	240408	23:26
Stockpile A - Comp	4032817-01	240408	22:52

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4 - FORM IV
METHOD BLANK SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414128-BLK1	Batch:	B414128

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B414128-BS2	240404	20:17
LCS	B414128-BS1	240404	19:44
Equipment Blank	4032817-10	240404	03:38

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Low Cal Check (S414051-LCV1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 18:02*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12657.3	15.48				50 - 200	15.4800	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2916.9	14.86				50 - 200	14.8600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12719.2	16				50 - 200	16.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	27749.7	12.97				50 - 200	12.9700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18294.1	3.9				50 - 200	3.9000	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12988.5	15.49				50 - 200	15.4900	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7484	14.18				50 - 200	14.1800	+/-0.50	
Calibration Check (S414051-CCV1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 18:36*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10834.6	15.48				50 - 200	15.4800	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2812.7	14.86				50 - 200	14.8600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11352.9	16				50 - 200	16.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	27264.3	12.95				50 - 200	12.9500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17224.2	3.85				50 - 200	3.8500	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12581.7	15.48				50 - 200	15.4800	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6897.3	14.16				50 - 200	14.1600	+/-0.50	
Blank (B414128-BLK1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 19:10*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10362.2	15.48	10834.6	15.48	96	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2872.3	14.85	2812.7	14.86	102	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11279.2	15.99	11352.9	16	99	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	24073.3	12.94	27264.3	12.95	88	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	15301	3.72	17224.2	3.85	89	50 - 200	-0.1300	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11614.5	15.48	12581.7	15.48	92	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6849.2	14.16	6897.3	14.16	99	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B414128-BS1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 19:44*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	9784.6	15.48	10834.6	15.48	90	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3025.2	14.85	2812.7	14.86	108	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11760.9	16	11352.9	16	104	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26640	12.94	27264.3	12.95	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17184.4	3.73	17224.2	3.85	100	50 - 200	-0.1200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12186.6	15.48	12581.7	15.48	97	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6795.5	14.17	6897.3	14.16	99	50 - 200	0.0100	+/-0.50	
LCS (B414128-BS2)			*Lab File ID: 240404*			*Analyzed: 04/04/24 20:17*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10968.9	15.46	10834.6	15.48	101	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2563.6	14.84	2812.7	14.86	91	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11210.5	16	11352.9	16	99	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26439.9	12.93	27264.3	12.95	97	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17060.6	3.69	17224.2	3.85	99	50 - 200	-0.1600	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12611.8	15.48	12581.7	15.48	100	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6949.8	14.15	6897.3	14.16	101	50 - 200	-0.0100	+/-0.50	
Calibration Check (S414051-CCV2)			*Lab File ID: 240404*			*Analyzed: 04/05/24 02:30*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10114.4	15.45	10834.6	15.48	93	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3010.2	14.82	2812.7	14.86	107	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12093.9	15.97	11352.9	16	107	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26842.3	12.9	27264.3	12.95	98	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16638.1	3.76	17224.2	3.85	97	50 - 200	-0.0900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11658.6	15.46	12581.7	15.48	93	50 - 200	-0.0200	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6443.6	14.13	6897.3	14.16	93	50 - 200	-0.0300	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Equipment Blank (4032817-10)			*Lab File ID: 240404*			*Analyzed: 04/05/24 03:38*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10198	15.45	10114.4	15.45	101	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3122.6	14.82	3010.2	14.82	104	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12184.6	15.97	12093.9	15.97	101	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26217.7	12.9	26842.3	12.9	98	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16045.5	3.71	16638.1	3.76	96	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11636.4	15.46	11658.6	15.46	100	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6737	14.13	6443.6	14.13	105	50 - 200	0.0000	+/-0.50	
Calibration Check (S414051-CCV3)			*Lab File ID: 240404*			*Analyzed: 04/05/24 04:12*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	9837.2	15.45	10114.4	15.45	97	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3247.5	14.82	3010.2	14.82	108	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11991.7	15.97	12093.9	15.97	99	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26286.5	12.89	26842.3	12.9	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16511.1	3.78	16638.1	3.76	99	50 - 200	0.0200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11918.8	15.45	11658.6	15.46	102	50 - 200	-0.0100	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6839.8	14.11	6443.6	14.13	106	50 - 200	-0.0200	+/-0.50	
Low Cal Check (S415008-LCV1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 18:21*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12094.3	15.54				50 - 200	15.5400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3419.7	14.92				50 - 200	14.9200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13432.4	16.08				50 - 200	16.0800	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	34236	13.02				50 - 200	13.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	20371.7	4.04				50 - 200	4.0400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13140.1	15.56				50 - 200	15.5600	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7444.6	14.22				50 - 200	14.2200	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S415008-CCV1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 18:55*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12180.5	15.53				50 - 200	15.5300	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3334.2	14.91				50 - 200	14.9100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12962.5	16.06				50 - 200	16.0600	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31608.1	13.01				50 - 200	13.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	19666.3	3.98				50 - 200	3.9800	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12756.8	15.55				50 - 200	15.5500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7533.1	14.22				50 - 200	14.2200	+/-0.50	
Blank (B414031-BLK1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 19:29*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	13692.1	15.52	12180.5	15.53	112	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3290.2	14.89	3334.2	14.91	99	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12660	16.05	12962.5	16.06	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31471.6	12.99	31608.1	13.01	100	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	19178.8	3.82	19666.3	3.98	98	50 - 200	-0.1600	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13063.7	15.53	12756.8	15.55	102	50 - 200	-0.0200	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	8404.8	14.21	7533.1	14.22	112	50 - 200	-0.0100	+/-0.50	
LCS (B414031-BS1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 20:03*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12365.8	15.52	12180.5	15.53	102	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3371.9	14.89	3334.2	14.91	101	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13354.2	16.04	12962.5	16.06	103	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	32177.9	12.98	31608.1	13.01	102	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18989.4	3.79	19666.3	3.98	97	50 - 200	-0.1900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13891.6	15.52	12756.8	15.55	109	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7460.5	14.19	7533.1	14.22	99	50 - 200	-0.0300	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B414031-BS2)			*Lab File ID: 240408*			*Analyzed: 04/08/24 20:37*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11953.6	15.52	12180.5	15.53	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2993.1	14.89	3334.2	14.91	90	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12753.1	16.04	12962.5	16.06	98	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	29278.6	12.98	31608.1	13.01	93	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17940.1	3.76	19666.3	3.98	91	50 - 200	-0.2200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12361.4	15.52	12756.8	15.55	97	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7251	14.2	7533.1	14.22	96	50 - 200	-0.0200	+/-0.50	
Matrix Spike (B414031-MS1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 21:11*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	13080.8	15.51	12180.5	15.53	107	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3374.6	14.87	3334.2	14.91	101	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	14387.8	16.03	12962.5	16.06	111	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	30399.6	12.96	31608.1	13.01	96	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17160.5	3.74	19666.3	3.98	87	50 - 200	-0.2400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12541.1	15.52	12756.8	15.55	98	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7528	14.19	7533.1	14.22	100	50 - 200	-0.0300	+/-0.50	
Matrix Spike Dup (B414031-MSD1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 21:44*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11140.7	15.51	12180.5	15.53	91	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3237	14.89	3334.2	14.91	97	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13286.3	16.03	12962.5	16.06	102	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	29477.1	12.92	31608.1	13.01	93	50 - 200	-0.0900	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16796.9	3.74	19666.3	3.98	85	50 - 200	-0.2400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11940	15.52	12756.8	15.55	94	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7846.7	14.18	7533.1	14.22	104	50 - 200	-0.0400	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Stockpile A - Comp (4032817-01)			*Lab File ID: 240408*			*Analyzed: 04/08/24 22:52*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12816.3	15.49	12180.5	15.53	105	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2965.4	14.87	3334.2	14.91	89	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	14707.4	16.02	12962.5	16.06	113	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	32351.2	12.93	31608.1	13.01	102	50 - 200	-0.0800	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18846	3.69	19666.3	3.98	96	50 - 200	-0.2900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13296.2	15.51	12756.8	15.55	104	50 - 200	-0.0400	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7647.5	14.17	7533.1	14.22	102	50 - 200	-0.0500	+/-0.50	
Stockpile B - Comp (4032817-02)			*Lab File ID: 240408*			*Analyzed: 04/08/24 23:26*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12888.4	15.49	12180.5	15.53	106	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3910.4	14.86	3334.2	14.91	117	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	16014.8	16.02	12962.5	16.06	124	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31536.1	12.94	31608.1	13.01	100	50 - 200	-0.0700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17896.2	3.7	19666.3	3.98	91	50 - 200	-0.2800	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13140.1	15.5	12756.8	15.55	103	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7189.1	14.16	7533.1	14.22	95	50 - 200	-0.0600	+/-0.50	
Calibration Check (S415008-CCV2)			*Lab File ID: 240408*			*Analyzed: 04/09/24 00:00*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11520.6	15.48	12180.5	15.53	95	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3062.8	14.85	3334.2	14.91	92	50 - 200	-0.0600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13839.7	16.02	12962.5	16.06	107	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31375.1	12.94	31608.1	13.01	99	50 - 200	-0.0700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18867.7	3.79	19666.3	3.98	96	50 - 200	-0.1900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13429.3	15.5	12756.8	15.55	105	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7553.5	14.16	7533.1	14.22	100	50 - 200	-0.0600	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Low Cal Check (S414051-LCV1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 18:02*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12657.3	15.48				50 - 200	15.4800	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2916.9	14.86				50 - 200	14.8600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12719.2	16				50 - 200	16.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	27749.7	12.97				50 - 200	12.9700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18294.1	3.9				50 - 200	3.9000	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12988.5	15.49				50 - 200	15.4900	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7484	14.18				50 - 200	14.1800	+/-0.50	
Calibration Check (S414051-CCV1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 18:36*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10834.6	15.48				50 - 200	15.4800	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2812.7	14.86				50 - 200	14.8600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11352.9	16				50 - 200	16.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	27264.3	12.95				50 - 200	12.9500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17224.2	3.85				50 - 200	3.8500	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12581.7	15.48				50 - 200	15.4800	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6897.3	14.16				50 - 200	14.1600	+/-0.50	
Blank (B414128-BLK1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 19:10*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10362.2	15.48	10834.6	15.48	96	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2872.3	14.85	2812.7	14.86	102	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11279.2	15.99	11352.9	16	99	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	24073.3	12.94	27264.3	12.95	88	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	15301	3.72	17224.2	3.85	89	50 - 200	-0.1300	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11614.5	15.48	12581.7	15.48	92	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6849.2	14.16	6897.3	14.16	99	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B414128-BS1)			*Lab File ID: 240404*			*Analyzed: 04/04/24 19:44*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	9784.6	15.48	10834.6	15.48	90	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3025.2	14.85	2812.7	14.86	108	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11760.9	16	11352.9	16	104	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26640	12.94	27264.3	12.95	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17184.4	3.73	17224.2	3.85	100	50 - 200	-0.1200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12186.6	15.48	12581.7	15.48	97	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6795.5	14.17	6897.3	14.16	99	50 - 200	0.0100	+/-0.50	
LCS (B414128-BS2)			*Lab File ID: 240404*			*Analyzed: 04/04/24 20:17*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10968.9	15.46	10834.6	15.48	101	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2563.6	14.84	2812.7	14.86	91	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11210.5	16	11352.9	16	99	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26439.9	12.93	27264.3	12.95	97	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17060.6	3.69	17224.2	3.85	99	50 - 200	-0.1600	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12611.8	15.48	12581.7	15.48	100	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6949.8	14.15	6897.3	14.16	101	50 - 200	-0.0100	+/-0.50	
Calibration Check (S414051-CCV2)			*Lab File ID: 240404*			*Analyzed: 04/05/24 02:30*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10114.4	15.45	10834.6	15.48	93	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3010.2	14.82	2812.7	14.86	107	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12093.9	15.97	11352.9	16	107	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26842.3	12.9	27264.3	12.95	98	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16638.1	3.76	17224.2	3.85	97	50 - 200	-0.0900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11658.6	15.46	12581.7	15.48	93	50 - 200	-0.0200	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6443.6	14.13	6897.3	14.16	93	50 - 200	-0.0300	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414051	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Equipment Blank (4032817-10)			*Lab File ID: 240404*			*Analyzed: 04/05/24 03:38*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	10198	15.45	10114.4	15.45	101	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3122.6	14.82	3010.2	14.82	104	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12184.6	15.97	12093.9	15.97	101	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26217.7	12.9	26842.3	12.9	98	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16045.5	3.71	16638.1	3.76	96	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11636.4	15.46	11658.6	15.46	100	50 - 200	0.0000	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6737	14.13	6443.6	14.13	105	50 - 200	0.0000	+/-0.50	
Calibration Check (S414051-CCV3)			*Lab File ID: 240404*			*Analyzed: 04/05/24 04:12*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	9837.2	15.45	10114.4	15.45	97	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3247.5	14.82	3010.2	14.82	108	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	11991.7	15.97	12093.9	15.97	99	50 - 200	0.0000	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	26286.5	12.89	26842.3	12.9	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16511.1	3.78	16638.1	3.76	99	50 - 200	0.0200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11918.8	15.45	11658.6	15.46	102	50 - 200	-0.0100	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	6839.8	14.11	6443.6	14.13	106	50 - 200	-0.0200	+/-0.50	
Low Cal Check (S415008-LCV1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 18:21*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12094.3	15.54				50 - 200	15.5400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3419.7	14.92				50 - 200	14.9200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13432.4	16.08				50 - 200	16.0800	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	34236	13.02				50 - 200	13.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	20371.7	4.04				50 - 200	4.0400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13140.1	15.56				50 - 200	15.5600	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7444.6	14.22				50 - 200	14.2200	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S415008-CCV1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 18:55*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12180.5	15.53				50 - 200	15.5300	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3334.2	14.91				50 - 200	14.9100	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12962.5	16.06				50 - 200	16.0600	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31608.1	13.01				50 - 200	13.0100	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	19666.3	3.98				50 - 200	3.9800	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12756.8	15.55				50 - 200	15.5500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7533.1	14.22				50 - 200	14.2200	+/-0.50	
Blank (B414031-BLK1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 19:29*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	13692.1	15.52	12180.5	15.53	112	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3290.2	14.89	3334.2	14.91	99	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12660	16.05	12962.5	16.06	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31471.6	12.99	31608.1	13.01	100	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	19178.8	3.82	19666.3	3.98	98	50 - 200	-0.1600	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13063.7	15.53	12756.8	15.55	102	50 - 200	-0.0200	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	8404.8	14.21	7533.1	14.22	112	50 - 200	-0.0100	+/-0.50	
LCS (B414031-BS1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 20:03*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12365.8	15.52	12180.5	15.53	102	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3371.9	14.89	3334.2	14.91	101	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13354.2	16.04	12962.5	16.06	103	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	32177.9	12.98	31608.1	13.01	102	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18989.4	3.79	19666.3	3.98	97	50 - 200	-0.1900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13891.6	15.52	12756.8	15.55	109	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7460.5	14.19	7533.1	14.22	99	50 - 200	-0.0300	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B414031-BS2)			*Lab File ID: 240408*			*Analyzed: 04/08/24 20:37*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11953.6	15.52	12180.5	15.53	98	50 - 200	-0.0100	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2993.1	14.89	3334.2	14.91	90	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	12753.1	16.04	12962.5	16.06	98	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	29278.6	12.98	31608.1	13.01	93	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17940.1	3.76	19666.3	3.98	91	50 - 200	-0.2200	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12361.4	15.52	12756.8	15.55	97	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7251	14.2	7533.1	14.22	96	50 - 200	-0.0200	+/-0.50	
Matrix Spike (B414031-MS1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 21:11*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	13080.8	15.51	12180.5	15.53	107	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3374.6	14.87	3334.2	14.91	101	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	14387.8	16.03	12962.5	16.06	111	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	30399.6	12.96	31608.1	13.01	96	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17160.5	3.74	19666.3	3.98	87	50 - 200	-0.2400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	12541.1	15.52	12756.8	15.55	98	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7528	14.19	7533.1	14.22	100	50 - 200	-0.0300	+/-0.50	
Matrix Spike Dup (B414031-MSD1)			*Lab File ID: 240408*			*Analyzed: 04/08/24 21:44*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11140.7	15.51	12180.5	15.53	91	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3237	14.89	3334.2	14.91	97	50 - 200	-0.0200	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13286.3	16.03	12962.5	16.06	102	50 - 200	-0.0300	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	29477.1	12.92	31608.1	13.01	93	50 - 200	-0.0900	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	16796.9	3.74	19666.3	3.98	85	50 - 200	-0.2400	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	11940	15.52	12756.8	15.55	94	50 - 200	-0.0300	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7846.7	14.18	7533.1	14.22	104	50 - 200	-0.0400	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S415008	Instrument:	QQQ-1
		Calibration:	L414003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Stockpile A - Comp (4032817-01)			*Lab File ID: 240408*			*Analyzed: 04/08/24 22:52*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12816.3	15.49	12180.5	15.53	105	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	2965.4	14.87	3334.2	14.91	89	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	14707.4	16.02	12962.5	16.06	113	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	32351.2	12.93	31608.1	13.01	102	50 - 200	-0.0800	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18846	3.69	19666.3	3.98	96	50 - 200	-0.2900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13296.2	15.51	12756.8	15.55	104	50 - 200	-0.0400	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7647.5	14.17	7533.1	14.22	102	50 - 200	-0.0500	+/-0.50	
Stockpile B - Comp (4032817-02)			*Lab File ID: 240408*			*Analyzed: 04/08/24 23:26*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	12888.4	15.49	12180.5	15.53	106	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3910.4	14.86	3334.2	14.91	117	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	16014.8	16.02	12962.5	16.06	124	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31536.1	12.94	31608.1	13.01	100	50 - 200	-0.0700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	17896.2	3.7	19666.3	3.98	91	50 - 200	-0.2800	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13140.1	15.5	12756.8	15.55	103	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7189.1	14.16	7533.1	14.22	95	50 - 200	-0.0600	+/-0.50	
Calibration Check (S415008-CCV2)			*Lab File ID: 240408*			*Analyzed: 04/09/24 00:00*			
Perfluoro-n-(1,2,3,4,5-13C5)nonan	11520.6	15.48	12180.5	15.53	95	50 - 200	-0.0500	+/-0.50	
Perfluoro-n-(1,2,3,4-13C4)octanoic	3062.8	14.85	3334.2	14.91	92	50 - 200	-0.0600	+/-0.50	
Perfluoro-n-(1,2-13C2)decanoic ac	13839.7	16.02	12962.5	16.06	107	50 - 200	-0.0400	+/-0.50	
Perfluoro-n-(1,2-13C2)hexanoic ac	31375.1	12.94	31608.1	13.01	99	50 - 200	-0.0700	+/-0.50	
Perfluoro-n-(2,3,4-13C3)butanoic a	18867.7	3.79	19666.3	3.98	96	50 - 200	-0.1900	+/-0.50	
Sodium perfluoro-1-(1,2,3,4-13C4)	13429.3	15.5	12756.8	15.55	105	50 - 200	-0.0500	+/-0.50	
Sodium perfluoro-1-hexane(18O2)	7553.5	14.16	7533.1	14.22	100	50 - 200	-0.0600	+/-0.50	

LONG
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ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

SAMPLE DATA

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	240408
Sampled:	03/28/24 13:47	Prepared:	04/03/24 14:10	Analyzed:	04/08/24 22:52
Solids:	80.89	Preparation:	EPA 1633	Dilution:	1
Batch:	B414031	Sequence:	S415008	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	1.236	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	1.236	U
757124-72-4	4:2 FTS	1.236	U
27619-97-2	6:2 FTS	1.236	U
39108-34-4	8:2 FTS	1.236	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	1.236	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	1.236	U
914637-49-3	5:3 FTCA	6.182	U
812-70-4	7:3 FTCA	6.182	U
356-02-5	3:3 FTCA	1.236	U
4151-50-2	N-EtFOSA	6.182	4.N, U
2991-50-6	N-EtFOSAA	1.236	U
1691-99-2	N-EtFOSE	12.36	U
31506-32-8	N-MeFOSA	1.236	U
2355-31-9	N-MeFOSAA	1.236	U
24448-09-7	N-MeFOSE	6.182	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	1.236	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	1.236	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	1.236	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	1.236	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	6.182	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	6.182	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	240408
Sampled:	03/28/24 13:47	Prepared:	04/03/24 14:10	Analyzed:	04/08/24 22:52
Solids:	80.89	Preparation:	EPA 1633	Dilution:	1
Batch:	B414031	Sequence:	S415008	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	6.182	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.236	U
375-22-4	Perfluorobutanoic Acid (PFBA)	1.236	U
335-76-2	Perfluorodecanoic Acid (PFDA)	1.236	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	1.236	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.236	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.236	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.236	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.236	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.236	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.236	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.236	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.236	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.236	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.236	U
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	1.236	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	1.236	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.236	U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	240408
Sampled:	03/28/24 13:47	Prepared:	04/03/24 14:10	Analyzed:	04/08/24 23:26
Solids:	78.76	Preparation:	EPA 1633	Dilution:	1
Batch:	B414031	Sequence:	S415008	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-I	1.270	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	1.270	U
757124-72-4	4:2 FTS	1.270	U
27619-97-2	6:2 FTS	1.270	U
39108-34-4	8:2 FTS	1.270	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	1.270	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	1.270	U
914637-49-3	5:3 FTCA	6.348	U
812-70-4	7:3 FTCA	6.348	U
356-02-5	3:3 FTCA	1.270	4.G, U
4151-50-2	N-EtFOSA	6.348	4.N, U
2991-50-6	N-EtFOSAA	1.270	4.G, U
1691-99-2	N-EtFOSE	12.70	U
31506-32-8	N-MeFOSA	1.270	4.T, U
2355-31-9	N-MeFOSAA	1.270	U
24448-09-7	N-MeFOSE	6.348	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	1.270	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	1.270	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	1.270	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	1.270	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	6.348	4.G, U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	6.348	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	240408
Sampled:	03/28/24 13:47	Prepared:	04/03/24 14:10	Analyzed:	04/08/24 23:26
Solids:	78.76	Preparation:	EPA 1633	Dilution:	1
Batch:	B414031	Sequence:	S415008	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	6.348	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.270	U
375-22-4	Perfluorobutanoic Acid (PFBA)	1.270	U
335-76-2	Perfluorodecanoic Acid (PFDA)	1.270	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	1.270	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.270	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.270	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.270	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.270	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.270	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.270	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.270	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.270	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.270	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.270	U
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	1.270	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	1.270	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.270	4.T, U

* Values outside of QC limits

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LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	240404
Sampled:	03/28/24 00:00	Prepared:	04/04/24 09:12	Analyzed:	04/05/24 03:38
Solids:		Preparation:	EPA 1633	Dilution:	1
Batch:	B414128	Sequence:	S414051	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-I	10.00	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	20.00	U
757124-72-4	4:2 FTS	20.00	U
27619-97-2	6:2 FTS	20.00	U
39108-34-4	8:2 FTS	50.00	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	10.00	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	10.00	U
914637-49-3	5:3 FTCA	100.0	U
812-70-4	7:3 FTCA	200.0	U
356-02-5	3:3 FTCA	50.00	U
4151-50-2	N-EtFOSA	10.00	U
2991-50-6	N-EtFOSAA	10.00	U
1691-99-2	N-EtFOSE	50.00	U
31506-32-8	N-MeFOSA	20.00	U
2355-31-9	N-MeFOSAA	20.00	U
24448-09-7	N-MeFOSE	100.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	5.000	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	10.00	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	20.00	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	10.00	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	10.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	10.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	240404
Sampled:	03/28/24 00:00	Prepared:	04/04/24 09:12	Analyzed:	04/05/24 03:38
Solids:		Preparation:	EPA 1633	Dilution:	1
Batch:	B414128	Sequence:	S414051	Calibration:	L414003	Instrument:	QQQ-1

CAS NO.	COMPOUND	CONC. (ng/L)	Q
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	10.00	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.000	U
375-22-4	Perfluorobutanoic Acid (PFBA)	20.00	U
335-76-2	Perfluorodecanoic Acid (PFDA)	10.00	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	5.000	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	5.000	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	10.00	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	10.00	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.00	U
375-95-1	Perfluorononanoic Acid (PFNA)	5.000	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	5.000	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.000	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.000	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	5.000	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	10.00	U
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	10.00	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	10.00	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	5.000	U

* Values outside of QC limits

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CALIBRATION DATA

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LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
11-CESF-3-oxaundecane-1-sulfonate (11Cl-I	5497.8	5336.1	4744.45	4780.767	5009.5	4853.18
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	615.8	682.8	608.45	675.4	691.65	647.44
4:2 FTS	1692.3	1444.3	1298.925	1194.85	1187.6	1190.34
6:2 FTS	1477.2	1199.65	1145.3	1021.95	897.3125	894.47
8:2 FTS	833.9	746.15	586	486.3333	531.175	520.15
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	8537.2	6971.1	7585.3	7259.1	7342.9	7473.14
Dodecafluoro-3H-4,8-dioxanonaoate (ADON/	9766.8	9251.8	9474.45	8854.7	8889.825	8812.66
5:3 FTCA	444.18	423.74	455.88	476.3267	425.1375	428.718
7:3 FTCA	390.94	387.58	383.935	381.4167	380.6625	369.17
3:3 FTCA	72.2	90.75	90.975	96.31667	90.35	82.04
N-EtFOSA	587.2	550.2	711.5	547.9333	706.7	755.16
N-EtFOSAA	1791.6	1204.6	1320.2	693	541.6	771.08
N-EtFOSE	361.44	288.9	305.09	295.8667	288.575	300.156
N-MeFOSA	871.6	332	296.3	438.8667	376.9	484.6
N-MeFOSAA	1021.2	535	685	700.9333	573.7	739.32
N-MeFOSE	349.56	340.22	292.32	295.9067	306.235	278.344
Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	11246.8	9879	10013.25	9399.033	9560.5	9296.42
Perfluoro-1-decanesulfonate (PFDS)	2600	1923.8	2074.9	1953.667	2113.15	1844.24
Perfluoro-1-dodecanesulfonate (PFDoS)	1021.2	690.4	647.7	710	717.95	647.56
Perfluoro-1-nonanesulfonate (PFNS)	2730	2336	2251	2312.6	2218.95	2014.4
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	1475	1625.1	1673.45	1545.667	1433.025	1461.44
Perfluoro-4-oxapentanoic acid (PFMPA)	1598.2	1247.8	1203.4	1152.1	1130.275	1082.26
Perfluoro-5-oxahexanoic acid (PFMBA)	4000.2	3643.1	3626.7	3492.733	3469.425	3386.72
Perfluorobutanesulfonic Acid (PFBS)	3215.6	2590.6	2857.9	2717.333	2732.8	2830.96
Perfluorobutanoic Acid (PFBA)	1658.3	1493.85	1477.25	1440.017	1390.813	1372.56
Perfluorodecanoic Acid (PFDA)	2949.2	3614.6	2827.6	2854.134	2808.45	2996.16
Perfluorododecanoic Acid (PFDoA)	9679.2	8279.8	7581.9	6244.667	5837.15	6002.76
Perfluoroheptanesulfonic Acid (PFHpS)	2106	1913.4	2092.2	2084.267	1898.1	1976
Perfluoroheptanoic Acid (PFHpA)	5676.4	5488.2	4879.3	5124.267	4774.4	5226.92

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Perfluorohexanesulfonic Acid (PFHxS)	2312.8	1913.4	1856.8	1848.867	1688.35	1782
Perfluorohexanoic Acid (PFHxA)	5607.2	5731.2	5226	4803.733	4987.2	4709.72
Perfluorononanoic Acid (PFNA)	5051.6	3194	3919.3	3258.267	3310.9	3146.68
Perfluorooctanesulfonamide (FOSA)	3807.6	3383.4	3017.7	2937	2998.85	2878.36
Perfluorooctanesulfonic Acid (PFOS)	2098	1985.4	1840	1821.933	1827.05	1921.52
Perfluorooctanoic Acid (PFOA)	6247.2	4712.6	5960.3	4703.6	4809.7	4417.36
Perfluoropentanesulfonic Acid (PFPeS)	3264.8	2665	2823.8	2466.733	2740.55	2731.04
Perfluoropentanoic Acid (PFPeA)	4837.8	4184.8	4337.9	4151.233	4210	4195.6
Perfluorotetradecanoic Acid (PFTeA)	10631.6	8744.6	8764.9	8500.134	7783.1	7692.44
Perfluorotridecanoic Acid (PFTriA)	6624.4	6720.2	6218.6	5994.934	5902.3	5483.64
Perfluoroundecanoic Acid (PFUnA)	6966	6341.8	6446.3	4851.133	5058.7	4976.04
2-(N-methyl-d3-perfluoro-1-octanesulfonamic	366.304	332.846	345.44	320.568	292.454	312.796
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	1420.225	1405.445	1425.61	1388.88	1417.6	1383.755
N-ethyl-d5-perfluoro-1-octanesulfonamide	621.58	581.1	618.1	567.84	593.8	564.54
N-ethyl-d5-perfluoro-1-octanesulfonamidoace	1777.25	1646.18	1713.86	1117.35	1148.88	1094.78
N-methyl-d3-perfluoro-1-octanesulfonamide	440.98	440.8	427.14	422	418.3	425.64
N-methyl-d3-perfluoro-1-octanesulfonamidoa	979.23	868.09	837.02	844.12	810.41	871.7599
Perfluoro-1-(13C8)octanesulfonamide	3181.08	3292.82	3360.4	3039.82	3154.36	3172.24
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic a	8805.32	8958.561	9004.32	7126.88	7293.76	7026.44
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	4703.36	4335.76	4358.96	4226.48	4562.4	4358.6
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	5227.6	5208.72	5073.6	5115.82	5023.46	4937.64
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	6107.62	5858.82	6470.34	5997.64	5836.24	5548.36
Perfluoro-n-(1,2-13C2)dodecanoic acid	7519.64	6508.08	6021.6	5165.16	5069.16	5345.44
Perfluoro-n-(1,2-13C2)tetradecanoicacid	9649.2	8415.76	8178.92	7957.8	7777.28	7718.92
Perfluoro-n-(13C4)butanoic acid	1740.63	1663.04	1673.755	1642.905	1586.325	1570.51
Perfluoro-n-(13C5)pentanoic acid	3272.92	3096.54	3118.34	3074.92	3003.46	2983
Perfluoro-n-(13C8)octanoic acid	5224.12	5104.26	5277.92	5107.22	4916.36	4710.28
Perfluoro-n-(13C9)nonanoic acid	4104.2	3935.16	4133.56	3895.4	3525.64	3650.68
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfo	2031.26	2091.76	1977.34	1953.04	2014.76	1878.54

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Sodium perfluoro-1-(1,2-13C2)decanesulfona	930.5099	896.65	940.63	797.25	795.13	729.95
Sodium perfluoro-1-(1,2-13C2)octanesulfona	1009.62	958.63	951.1	842.11	871.8	810.67
Sodium perfluoro-1-(13C8)octanesulfonate	2082.4	1986.7	2067.72	1975.02	2057.22	2073.44
Sodium perfluoro-1-(2,3,4-13C3)butanesulfor	3317.1	3307.9	3449.18	3304.08	3294.92	3279.64
Sodium perfuloro-1-(1,2-13C2)hexanesulfona	1212.87	1118.94	1203	1149.04	1141.34	1108.76
2-(N-ethyl-d5-perfluoro-1-octanesulfonamido)	356.152	307.684	317.476	320.11	312.046	312.648
Perfluoro-n-(1,2,3,4,5-13C5)nonanoic acid	48.6088	45.0124	40.894	39.6344	39.6732	40.4972
Perfluoro-n-(1,2,3,4-13C4)octanoic acid	6.2002	5.9016	5.2544	5.545	5.2466	5.0154
Perfluoro-n-(1,2-13C2)decanoic acid	52.3356	47.2972	41.576	42.3892	44.2852	41.5336
Perfluoro-n-(1,2-13C2)hexanoic acid	61.1008	55.487	52.056	52.0018	51.5936	50.0854
Perfluoro-n-(2,3,4-13C3)butanoic acid	21.4166	18.847	17.9161	18.0822	17.6813	17.7708
Sodium perfluoro-1-(1,2,3,4-13C4)octanesulf	26.654	25.0808	22.995	23.4398	22.7946	21.7066
Sodium perfluoro-1-hexane(18O2)sulfonate	15.4572	13.8486	12.4636	13.7086	13.2474	13.8998

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
11-CESF-3-oxaundecane-1-sulfonate (11Cl-F	5243.4	5254.267	5651.365			
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	691.47	664.1334	682.71			
4:2 FTS	1265.115	1230.553	1288.653			
6:2 FTS	1019.895	996.7433	979.7401			
8:2 FTS	580.63	569.3566	548.6775			
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	7955.521	7823.633	8101.13			
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	9168.689	8689.22	9153.015			
5:3 FTCA	462.117	459.1473	462.0195			
7:3 FTCA	391.605	374.544	387.9215			
3:3 FTCA	92.665	82.88333	87.5125			
N-EtFOSA	697.06	743.48	773.88			
N-EtFOSAA	792.72	634.32	703.06			
N-EtFOSE	296.068	291.6773	319.825			
N-MeFOSA	359.78	414.2	454.44			
N-MeFOSAA	651.44	740.28	721.05			
N-MeFOSE	293.016	288.5067	305.01			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	9696.96	9587.146	10207.21			
Perfluoro-1-decanesulfonate (PFDS)	1909.16	1959.4	1994.77			
Perfluoro-1-dodecanesulfonate (PFDoS)	640.2	599.2933	775.07			
Perfluoro-1-nonanesulfonate (PFNS)	2165.16	2163.4	2396.22			
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	1487.8	1414.913	1443.945			
Perfluoro-4-oxapentanoic acid (PFMPA)	1137.82	1094.073	1128.435			
Perfluoro-5-oxahexanoic acid (PFMBA)	3604.79	3475.5	3680.97			
Perfluorobutanesulfonic Acid (PFBS)	2878.02	2792.107	2988.76			
Perfluorobutanoic Acid (PFBA)	1446	1386.213	1444.12			
Perfluorodecanoic Acid (PFDA)	3179.76	2855.374	2870.55			
Perfluorododecanoic Acid (PFDoA)	6527.94	6220.173	6515.63			
Perfluoroheptanesulfonic Acid (PFHpS)	2160.52	2014.173	2242.52			

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Perfluoroheptanoic Acid (PFHpA)	5485.16	4819.986	4997.03			
Perfluorohexanesulfonic Acid (PFHxS)	1767.12	1698.093	1772.85			
Perfluorohexanoic Acid (PFHxA)	5181.28	4906.573	5312.08			
Perfluorononanoic Acid (PFNA)	3395.94	3350.667	3412.13			
Perfluorooctanesulfonamide (FOSA)	3034.7	2977.213	3111.76			
Perfluorooctanesulfonic Acid (PFOS)	1894.18	1780.093	1946.41			
Perfluorooctanoic Acid (PFOA)	5134.04	4651.974	5145.62			
Perfluoropentanesulfonic Acid (PFPeS)	2891.74	2659.547	2988.35			
Perfluoropentanoic Acid (PFPeA)	4358.12	4220.72	4470.25			
Perfluorotetradecanoic Acid (PFTeA)	7868.22	7559.427	7609.95			
Perfluorotridecanoic Acid (PFTriA)	6238.56	5721.8	6402.24			
Perfluoroundecanoic Acid (PFUnA)	5485.34	5371.093	5743.2			
2-(N-methyl-d3-perfluoro-1-octanesulfonamid	285.318	274.986	280.884			
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	1346.195	1383.415	1353.775			
N-ethyl-d5-perfluoro-1-octanesulfonamide	519.54	518.36	529.4			
N-ethyl-d5-perfluoro-1-octanesulfonamidoace	1113.07	1046.76	1102.29			
N-methyl-d3-perfluoro-1-octanesulfonamide	457.2	421.18	391.1			
N-methyl-d3-perfluoro-1-octanesulfonamidoa	818.33	782.57	835.32			
Perfluoro-1-(13C8)octanesulfonamide	3282.7	3249.16	3045.36			
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic a	7231.4	6765.64	6661.521			
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	4171.96	3930.16	4090.96			
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	4861.88	4468.3	4779.38			
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	5664.08	5434.22	5630.26			
Perfluoro-n-(1,2-13C2)dodecanoic acid	4933.84	4723.24	5067.52			
Perfluoro-n-(1,2-13C2)tetradecanoicacid	7387.04	7019.08	7311.4			
Perfluoro-n-(13C4)butanoic acid	1536.245	1494.45	1493.825			
Perfluoro-n-(13C5)pentanoic acid	2873.3	2722.1	2859.31			
Perfluoro-n-(13C8)octanoic acid	4569.04	4724.28	4529.72			

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
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NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Perfluoro-n-(13C9)nonanoic acid	3535.48	3216.48	3434.8			
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfo	1952.52	1950.96	1913.76			
Sodium perfluoro-1-(1,2-13C2)decanesulfona	859.17	782.43	823.35			
Sodium perfluoro-1-(1,2-13C2)octanesulfona	848.55	889.33	958.9401			
Sodium perfluoro-1-(13C8)octanesulfonate	1879.84	1873	1866.26			
Sodium perfluoro-1-(2,3,4-13C3)butanesulfor	3353.74	3185.38	3336.04			
Sodium perfuloro-1-(1,2-13C2)hexanesulfona	1254.49	1278.65	1372.5			
2-(N-ethyl-d5-perfluoro-1-octanesulfonamido)	310.216	297.346	312.494			
Perfluoro-n-(1,2,3,4,5-13C5)nonanoic acid	38.0684	34.1528	36.7324			
Perfluoro-n-(1,2,3,4-13C4)octanoic acid	5.012	4.8482	5.187			
Perfluoro-n-(1,2-13C2)decanoic acid	40.0596	41.8416	40.8868			
Perfluoro-n-(1,2-13C2)hexanoic acid	51.6506	45.7198	48.7072			
Perfluoro-n-(2,3,4-13C3)butanoic acid	17.3339	16.2528	16.868			
Sodium perfluoro-1-(1,2,3,4-13C4)octanesulf	22.4092	21.3574	22.8764			
Sodium perfluoro-1-hexane(18O2)sulfonate	13.1936	12.7448	13.7364			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
11-CESF-3-oxaundecane-1-sulfonate (11Cl-I	5152.314	6.271002	0.9972709			
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	662.2059	4.777433	0.9993779			
4:2 FTS	1310.293	12.5304	0.9986382			
6:2 FTS	1070.251	17.07781	0.9981189			
8:2 FTS	600.2636	19.017	0.9977275			
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	7672.114	6.2734	0.9992719			
Dodecafluoro-3H-4,8-dioxanonaoate (ADON/	9117.907	3.815364	0.9988052			
5:3 FTCA	448.5851	4.229038	0.999517			
7:3 FTCA	383.0861	1.966116	0.9993315			
3:3 FTCA	87.29917	8.300073	0.99694			
N-EtFOSA	674.7904	13.16611	0.9973234			
N-EtFOSAA	939.1311	43.89241	0.9795509			
N-EtFOSE	305.2887	7.59207	0.9964639			
N-MeFOSA	447.6318	37.98992	0.986318			
N-MeFOSAA	707.547	19.48333	0.9957254			
N-MeFOSE	305.4576	7.846266	0.9983506			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	9876.257	5.975292	0.9981741			
Perfluoro-1-decanesulfonate (PFDS)	2041.454	11.02277	0.99896			
Perfluoro-1-dodecanesulfonate (PFDoS)	716.597	17.5162	0.9750224			
Perfluoro-1-nonanesulfonate (PFNS)	2287.526	8.764784	0.9946458			
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	1506.704	5.961495	0.9993454			
Perfluoro-4-oxapentanoic acid (PFMPA)	1197.151	13.27384	0.9993403			
Perfluoro-5-oxahexanoic acid (PFMBA)	3597.793	4.999305	0.9985563			
Perfluorobutanesulfonic Acid (PFBS)	2844.898	6.286338	0.9982017			
Perfluorobutanoic Acid (PFBA)	1456.569	5.915104	0.9991474			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Perfluorodecanoic Acid (PFDA)	2995.092	8.656675	0.997135			
Perfluorododecanoic Acid (PFDoA)	6987.691	18.33808	0.9977255			
Perfluoroheptanesulfonic Acid (PFHpS)	2054.131	5.542868	0.995474			
Perfluoroheptanoic Acid (PFHpA)	5163.518	6.332794	0.9965512			
Perfluorohexanesulfonic Acid (PFHxS)	1848.92	10.2065	0.9990575			
Perfluorohexanoic Acid (PFHxA)	5162.776	6.771991	0.9971509			
Perfluorononanoic Acid (PFNA)	3559.943	16.9256	0.999043			
Perfluorooctanesulfonamide (FOSA)	3127.398	9.366371	0.9989406			
Perfluorooctanesulfonic Acid (PFOS)	1901.621	5.209739	0.9969598			
Perfluorooctanoic Acid (PFOA)	5086.933	12.26887	0.994631			
Perfluoropentanesulfonic Acid (PFPeS)	2803.507	8.15048	0.9948389			
Perfluoropentanoic Acid (PFPeA)	4329.603	5.006126	0.998684			
Perfluorotetradecanoic Acid (PFTeA)	8350.486	11.75983	0.9996272			
Perfluorotridecanoic Acid (PFTriA)	6145.186	6.657339	0.9946886			
Perfluoroundecanoic Acid (PFUnA)	5693.29	13.00147	0.9966038			
2-(N-methyl-d3-perfluoro-1-octanesulfonamic	312.3996	10.12668	0			
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	1391.656	2.043819	0			
N-ethyl-d5-perfluoro-1-octanesulfonamide	568.2511	6.965051	0			
N-ethyl-d5-perfluoro-1-octanesulfonamidoace	1306.713	23.50912	0			
N-methyl-d3-perfluoro-1-octanesulfonamide	427.1489	4.319132	0			
N-methyl-d3-perfluoro-1-octanesulfonamidoa	849.65	6.584082	0			
Perfluoro-1-(13C8)octanesulfonamide	3197.549	3.431745	0			
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic a	7652.649	12.7407	0			
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	4304.293	5.460005	0			
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	4966.267	4.822367	0			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L414003	Instrument:	QQQ-1
		Calibration Date:	4/3/2024 10:46:15AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	5838.62	5.479409	0			
Perfluoro-n-(1,2-13C2)dodecanoic acid	5594.853	16.37997	0			
Perfluoro-n-(1,2-13C2)tetradecanoicacid	7935.044	9.791409	0			
Perfluoro-n-(13C4)butanoic acid	1600.187	5.346984	0			
Perfluoro-n-(13C5)pentanoic acid	3000.432	5.48653	0			
Perfluoro-n-(13C8)octanoic acid	4907.022	5.790442	0			
Perfluoro-n-(13C9)nonanoic acid	3714.6	8.549941	0			
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfo	1973.771	3.253548	0			
Sodium perfluoro-1-(1,2-13C2)decanesulfona	839.4522	8.573285	0			
Sodium perfluoro-1-(1,2-13C2)octanesulfona	904.5278	7.44113	0			
Sodium perfluoro-1-(13C8)octanesulfonate	1984.622	4.617044	0			
Sodium perfluoro-1-(2,3,4-13C3)butanesulfor	3314.22	2.095103	0			
Sodium perfuloro-1-(1,2-13C2)hexanesulfona	1204.399	7.181231	0			
2-(N-ethyl-d5-perfluoro-1-octanesulfonamido)	316.2413	5.148169	0			
Perfluoro-n-(1,2,3,4,5-13C5)nonanoic acid	40.36373	10.65348	0			
Perfluoro-n-(1,2,3,4-13C4)octanoic acid	5.356711	8.320244	0			
Perfluoro-n-(1,2-13C2)decanoic acid	43.57831	9.007532	0			
Perfluoro-n-(1,2-13C2)hexanoic acid	52.04469	8.297948	0			
Perfluoro-n-(2,3,4-13C3)butanoic acid	18.01874	8.169001	0			
Sodium perfluoro-1-(1,2,3,4-13C4)octanesulf	23.25709	7.139676	0			
Sodium perfluoro-1-hexane(18O2)sulfonate	13.58889	6.342388	0			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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INITIAL CALIBRATION STANDARDS

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414022	Instrument:	QQQ-1
Calibration:	L414003		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2401958	PFAS1633 CAL D1	S414022-CAL1	240401cal1633	04/01/24 18:21
2401959	PFAS1633 CAL D2	S414022-CAL2	240401cal1633	04/01/24 18:55
2401960	PFAS1633 CAL D3	S414022-CAL3	240401cal1633	04/01/24 19:29
2401961	PFAS1633 CAL D4	S414022-CAL4	240401cal1633	04/01/24 20:03
2401962	PFAS1633 CAL D5	S414022-CAL5	240401cal1633	04/01/24 20:37
2401963	PFAS1633 CAL D6	S414022-CAL6	240401cal1633	04/01/24 21:11
2401964	PFAS1633 CAL D7	S414022-CAL7	240401cal1633	04/01/24 21:44
2401965	PFAS1633 CAL D8	S414022-CAL8	240401cal1633	04/01/24 22:18
2401966	PFAS1633 CAL D9	S414022-CAL9	240401cal1633	04/01/24 22:52

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/04/24
Lab Sample ID:	S414051-CCV1	Injection Time:	18:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	L	4.00	3.887	5152.314	5323.525		-2.8	30
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	L	4.00	4.117	662.2059	702.925		2.9	30
4:2 FTS	L	8.00	8.104	1310.293	1312.375		1.3	30
6:2 FTS	L	8.00	7.955	1070.251	1144.163		-0.6	30
8:2 FTS	L	8.00	7.051	600.2636	575.8625		-11.9	30
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	L	4.00	3.804	7672.114	7629.1		-4.9	30
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	L	4.00	3.878	9117.907	8804.95		-3.0	30
5:3 FTCA	L	40.0	46.41	448.5851	571.5675		16.0	30
7:3 FTCA	L	40.0	39.62	383.0861	407.24		-0.9	30
3:3 FTCA	L	8.00	10.32	87.29917	99.9125		28.9	30
N-EtFOSA	L	2.00	2.091	674.7904	853		4.6	30
N-EtFOSAA	L	2.00	1.800	939.1311	668.65		-10.0	30
N-EtFOSE	L	20.0	20.47	305.2887	397.345		2.3	30
N-MeFOSA	L	2.00	1.936	447.6318	460.05		-3.2	30
N-MeFOSAA	L	2.00	1.870	707.547	604.05		-6.5	30
N-MeFOSE	L	20.0	17.69	305.4576	371.575		-11.6	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	L	4.00	3.963	9876.257	10519.95		-0.9	30
Perfluoro-1-decanesulfonate (PFDS)	L	2.00	2.084	2041.454	2116.55		4.2	30
Perfluoro-1-dodecanesulfonate (PFDoS)	L	2.00	1.815	716.597	655.4		-9.2	30
Perfluoro-1-nonanesulfonate (PFNS)	L	2.00	1.927	2287.526	2267.5		-3.6	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/04/24
Lab Sample ID:	S414051-CCV1	Injection Time:	18:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	L	4.00	3.418	1506.704	1322.2		-14.6	30
Perfluoro-4-oxapentanoic acid (PFMPA)	L	4.00	4.409	1197.151	1101.25		10.2	30
Perfluoro-5-oxahexanoic acid (PFMBA)	L	4.00	3.790	3597.793	3041.625		-5.2	30
Perfluorobutanesulfonic Acid (PFBS)	L	2.00	1.967	2844.898	2859.65		-1.6	30
Perfluorobutanoic Acid (PFBA)	L	8.00	7.324	1456.569	1362.325		-8.4	30
Perfluorodecanoic Acid (PFDA)	L	2.00	1.891	2995.092	3169.75		-5.4	30
Perfluorododecanoic Acid (PFDoA)	L	2.00	1.950	6987.691	6668.4		-2.5	30
Perfluoroheptanesulfonic Acid (PFHpS)	L	2.00	1.939	2054.131	2146.95		-3.0	30
Perfluoroheptanoic Acid (PFHpA)	L	2.00	2.246	5163.518	6273.1		12.3	30
Perfluorohexanesulfonic Acid (PFHxS)	L	2.00	1.909	1848.92	1768.65		-4.6	30
Perfluorohexanoic Acid (PFHxA)	L	2.00	1.747	5162.776	4814.7		-12.6	30
Perfluorononanoic Acid (PFNA)	L	2.00	2.057	3559.943	3970.65		2.8	30
Perfluorooctanesulfonamide (FOSA)	L	2.00	2.030	3127.398	3733.7		1.5	30
Perfluorooctanesulfonic Acid (PFOS)	L	2.00	2.012	1901.621	1956.35		0.6	30
Perfluorooctanoic Acid (PFOA)	L	2.00	1.828	5086.933	5107.85		-8.6	30
Perfluoropentanesulfonic Acid (PFPeS)	L	2.00	1.835	2803.507	2779.75		-8.2	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/04/24
Lab Sample ID:	S414051-CCV1	Injection Time:	18:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoropentanoic Acid (PFPeA)	L	4.00	3.740	4329.603	3643.325		-6.5	30
Perfluorotetradecanoic Acid (PFTeA)	L	2.00	2.238	8350.486	9578.7		11.9	30
Perfluorotridecanoic Acid (PFTriA)	L	2.00	1.728	6145.186	5931.6		-13.6	30
Perfluoroundecanoic Acid (PFUnA)	L	2.00	1.656	5693.29	5421.55		-17.2	30
2-(N-methyl-d3-perfluoro-1-octanesulfonamido)	L	50.0	58.80	312.3996	397.286		17.6	
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	L	20.0	18.78	1391.656	1375.795		-6.1	
N-ethyl-d5-perfluoro-1-octane sulfonamide	L	5.00	4.664	568.2511	574.38		-6.7	
N-ethyl-d5-perfluoro-1-octane sulfonamidoacetic aci	L	10.0	8.298	1306.713	1165.14		-17.0	
N-methyl-d3-perfluoro-1-octanesulfonamide	L	5.00	4.870	427.1489	451.76		-2.6	
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic ac	L	10.0	8.033	849.65	739.26		-19.7	
Perfluoro-1-(13C8)octanesulfonamide	L	5.00	5.443	3197.549	3782.66		8.9	
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic acid	L	2.50	2.509	7652.649	8008.84		0.4	
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	L	2.50	2.607	4304.293	4694.92		4.3	
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	L	5.00	4.838	4966.267	5049.28		-3.2	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/04/24
Lab Sample ID:	S414051-CCV1	Injection Time:	18:36

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	L	5.00	5.071	5838.62	6225.78		1.4	
Perfluoro-n-(1,2-13C2)dodecanoic acid	L	2.50	2.281	5594.853	5299.08		-8.8	
Perfluoro-n-(1,2-13C2)tetradecanoicacid	L	2.50	2.457	7935.044	8130.32		-1.7	
Perfluoro-n-(13C4)butanoic acid	L	20.0	20.53	1600.187	1573.29		2.6	
Perfluoro-n-(13C5)pentanoic acid	L	10.0	8.021	3000.432	2527.41		-19.8	
Perfluoro-n-(13C8)octanoic acid	L	5.00	5.012	4907.022	5180.96		0.2	
Perfluoro-n-(13C9)nonanoic acid	L	2.50	2.423	3714.6	3877.64		-3.1	
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfonate	L	5.00	5.085	1973.771	2043.92		1.7	
Sodium perfluoro-1-(1,2-13C2)decanesulfonate	L	10.0	11.14	839.4522	952.19		11.4	
Sodium perfluoro-1-(1,2-13C2)octanesulfonate	L	10.0	11.58	904.5278	1065.7		15.8	
Sodium perfluoro-1-(13C8)octanesulfonate	L	5.00	4.501	1984.622	1939.36		-10.0	
Sodium perfluoro-1-(2,3,4-13C3)butanesulfonate	L	5.00	4.884	3314.22	3298.14		-2.3	
Sodium perfuloro-1-(1,2-13C2)hexanesulfonate	L	10.0	10.95	1204.399	1344.56		9.5	
2-(N-ethyl-d5-perfluoro-1-octane sulfonamido)	L	50.0	56.82	316.2413	389.55		13.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV2	Injection Time:	02:30

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	L	4.00	3.760	5152.314	5342.8		-6.0	30
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	L	4.00	4.016	662.2059	711.2		0.4	30
4:2 FTS	L	8.00	8.329	1310.293	1356.975		4.1	30
6:2 FTS	L	8.00	8.648	1070.251	1150.825		8.1	30
8:2 FTS	L	8.00	7.119	600.2636	636		-11.0	30
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	L	4.00	3.856	7672.114	8021.4		-3.6	30
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	L	4.00	3.865	9117.907	9102.525		-3.4	30
5:3 FTCA	L	40.0	45.84	448.5851	564.9625		14.6	30
7:3 FTCA	L	40.0	44.67	383.0861	459.5125		11.7	30
3:3 FTCA	L	8.00	9.307	87.29917	90.65		16.3	30
N-EtFOSA	L	2.00	1.922	674.7904	820.25		-3.9	30
N-EtFOSAA	L	2.00	2.297	939.1311	933.8		14.8	30
N-EtFOSE	L	20.0	20.28	305.2887	377.615		1.4	30
N-MeFOSA	L	2.00	1.974	447.6318	436.15		-1.3	30
N-MeFOSAA	L	2.00	2.225	707.547	838.25		11.2	30
N-MeFOSE	L	20.0	19.24	305.4576	364.805		-3.8	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	L	4.00	3.748	9876.257	9958.1		-6.3	30
Perfluoro-1-decanesulfonate (PFDS)	L	2.00	1.822	2041.454	1830.5		-8.9	30
Perfluoro-1-dodecanesulfonate (PFDoS)	L	2.00	2.013	716.597	718.65		0.6	30
Perfluoro-1-nonanesulfonate (PFNS)	L	2.00	2.053	2287.526	2388.85		2.6	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV2	Injection Time:	02:30

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	L	4.00	3.494	1506.704	1352.775		-12.6	30
Perfluoro-4-oxapentanoic acid (PFMPA)	L	4.00	4.043	1197.151	1015.55		1.1	30
Perfluoro-5-oxahexanoic acid (PFMBA)	L	4.00	3.422	3597.793	2761.175		-14.4	30
Perfluorobutanesulfonic Acid (PFBS)	L	2.00	1.893	2844.898	2685.9		-5.4	30
Perfluorobutanoic Acid (PFBA)	L	8.00	7.170	1456.569	1306.688		-10.4	30
Perfluorodecanoic Acid (PFDA)	L	2.00	1.864	2995.092	3393.1		-6.8	30
Perfluorododecanoic Acid (PFDoA)	L	2.00	1.809	6987.691	6687.1		-9.6	30
Perfluoroheptanesulfonic Acid (PFHpS)	L	2.00	1.935	2054.131	2118.5		-3.2	30
Perfluoroheptanoic Acid (PFHpA)	L	2.00	2.155	5163.518	6256.55		7.8	30
Perfluorohexanesulfonic Acid (PFHxS)	L	2.00	2.013	1848.92	1825.2		0.6	30
Perfluorohexanoic Acid (PFHxA)	L	2.00	1.770	5162.776	4882.15		-11.5	30
Perfluorononanoic Acid (PFNA)	L	2.00	2.058	3559.943	3992.15		2.9	30
Perfluorooctanesulfonamide (FOSA)	L	2.00	1.916	3127.398	3541.9		-4.2	30
Perfluorooctanesulfonic Acid (PFOS)	L	2.00	1.970	1901.621	1893.7		-1.5	30
Perfluorooctanoic Acid (PFOA)	L	2.00	1.788	5086.933	5408.85		-10.6	30
Perfluoropentanesulfonic Acid (PFPeS)	L	2.00	1.815	2803.507	2690.5		-9.2	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV2	Injection Time:	02:30

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoropentanoic Acid (PFPeA)	L	4.00	3.832	4329.603	3753.525		-4.2	30
Perfluorotetradecanoic Acid (PFTeA)	L	2.00	2.040	8350.486	8817.1		2.0	30
Perfluorotridecanoic Acid (PFTriA)	L	2.00	1.915	6145.186	6636.95		-4.2	30
Perfluoroundecanoic Acid (PFUnA)	L	2.00	1.772	5693.29	5866.75		-11.4	30
2-(N-methyl-d3-perfluoro-1-octanesulfonamido)	L	50.0	57.27	312.3996	358.608		14.5	
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	L	20.0	19.78	1391.656	1427.175		-1.1	
N-ethyl-d5-perfluoro-1-octane sulfonamide	L	5.00	5.263	568.2511	600.68		5.3	
N-ethyl-d5-perfluoro-1-octane sulfonamidoacetic aci	L	10.0	9.801	1306.713	1275.22		-2.0	
N-methyl-d3-perfluoro-1-octanesulfonamide	L	5.00	4.885	427.1489	419.86		-2.3	
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic ac	L	10.0	10.11	849.65	862.33		1.1	
Perfluoro-1-(13C8)octanesulfonamide	L	5.00	5.903	3197.549	3801.38		18.1	
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic acid	L	2.50	2.382	7652.649	8097.68		-4.7	
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	L	2.50	2.659	4304.293	5100.64		6.4	
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	L	5.00	4.919	4966.267	5053.82		-1.6	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV2	Injection Time:	02:30

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	L	5.00	5.355	5838.62	6473.16		7.1	
Perfluoro-n-(1,2-13C2)dodecanoic acid	L	2.50	2.315	5594.853	5730.32		-7.4	
Perfluoro-n-(1,2-13C2)tetradecanoicacid	L	2.50	2.330	7935.044	8210.36		-6.8	
Perfluoro-n-(13C4)butanoic acid	L	20.0	20.82	1600.187	1541.605		4.1	
Perfluoro-n-(13C5)pentanoic acid	L	10.0	8.193	3000.432	2541.6		-18.1	
Perfluoro-n-(13C8)octanoic acid	L	5.00	5.071	4907.022	5610.1		1.4	
Perfluoro-n-(13C9)nonanoic acid	L	2.50	2.609	3714.6	3896.8		4.4	
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfonate	L	5.00	5.327	1973.771	2000.18		6.5	
Sodium perfluoro-1-(1,2-13C2)decanesulfonate	L	10.0	13.05	839.4522	1041.57		30.5	
Sodium perfluoro-1-(1,2-13C2)octanesulfonate	L	10.0	11.47	904.5278	985.97		14.7	
Sodium perfluoro-1-(13C8)octanesulfonate	L	5.00	4.804	1984.622	1917.86		-3.9	
Sodium perfluoro-1-(2,3,4-13C3)butanesulfonate	L	5.00	5.102	3314.22	3218.84		2.0	
Sodium perfuloro-1-(1,2-13C2)hexanesulfonate	L	10.0	11.80	1204.399	1352.84		18.0	
2-(N-ethyl-d5-perfluoro-1-octane sulfonamido)	L	50.0	58.81	316.2413	373.604		17.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV3	Injection Time:	04:12

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	L	4.00	3.890	5152.314	5441.075		-2.8	30
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	L	4.00	4.315	662.2059	752.275		7.9	30
4:2 FTS	L	8.00	7.781	1310.293	1268.663		-2.7	30
6:2 FTS	L	8.00	8.413	1070.251	1085.6		5.2	30
8:2 FTS	L	8.00	7.440	600.2636	641.325		-7.0	30
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	L	4.00	3.926	7672.114	8040.3		-1.8	30
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	L	4.00	3.958	9117.907	9177.6		-1.0	30
5:3 FTCA	L	40.0	47.46	448.5851	587.22		18.7	30
7:3 FTCA	L	40.0	42.67	383.0861	440.675		6.7	30
3:3 FTCA	L	8.00	9.598	87.29917	94.575		20.0	30
N-EtFOSA	L	2.00	1.701	674.7904	756.8		-15.0	30
N-EtFOSAA	L	2.00	2.007	939.1311	857.15		0.4	30
N-EtFOSE	L	20.0	18.63	305.2887	347.87		-6.9	30
N-MeFOSA	L	2.00	1.858	447.6318	472.15		-7.1	30
N-MeFOSAA	L	2.00	1.833	707.547	677.15		-8.4	30
N-MeFOSE	L	20.0	18.51	305.4576	360.74		-7.4	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	L	4.00	3.596	9876.257	9590.575		-10.1	30
Perfluoro-1-decanesulfonate (PFDS)	L	2.00	1.757	2041.454	1865.6		-12.2	30
Perfluoro-1-dodecanesulfonate (PFDoS)	L	2.00	1.725	716.597	651.05		-13.8	30
Perfluoro-1-nonanesulfonate (PFNS)	L	2.00	2.057	2287.526	2529.05		2.8	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV3	Injection Time:	04:12

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	L	4.00	3.435	1506.704	1335.1		-14.1	30
Perfluoro-4-oxapentanoic acid (PFMPA)	L	4.00	4.012	1197.151	1019.575		0.3	30
Perfluoro-5-oxahexanoic acid (PFMBA)	L	4.00	3.407	3597.793	2781.6		-14.8	30
Perfluorobutanesulfonic Acid (PFBS)	L	2.00	1.956	2844.898	2849.05		-2.2	30
Perfluorobutanoic Acid (PFBA)	L	8.00	7.257	1456.569	1318.5		-9.3	30
Perfluorodecanoic Acid (PFDA)	L	2.00	2.147	2995.092	3410.25		7.4	30
Perfluorododecanoic Acid (PFDoA)	L	2.00	1.958	6987.691	7192.15		-2.1	30
Perfluoroheptanesulfonic Acid (PFHpS)	L	2.00	1.784	2054.131	2064.8		-10.8	30
Perfluoroheptanoic Acid (PFHpA)	L	2.00	1.985	5163.518	5855.65		-0.8	30
Perfluorohexanesulfonic Acid (PFHxS)	L	2.00	2.002	1848.92	1825.5		0.1	30
Perfluorohexanoic Acid (PFHxA)	L	2.00	1.694	5162.776	4692.65		-15.3	30
Perfluorononanoic Acid (PFNA)	L	2.00	1.768	3559.943	3389.65		-11.6	30
Perfluorooctanesulfonamide (FOSA)	L	2.00	1.880	3127.398	3534.7		-6.0	30
Perfluorooctanesulfonic Acid (PFOS)	L	2.00	1.802	1901.621	1831.6		-9.9	30
Perfluorooctanoic Acid (PFOA)	L	2.00	1.786	5086.933	5095.85		-10.7	30
Perfluoropentanesulfonic Acid (PFPeS)	L	2.00	1.849	2803.507	2756		-7.6	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV3	Injection Time:	04:12

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoropentanoic Acid (PFPeA)	L	4.00	3.675	4329.603	3642.575		-8.1	30
Perfluorotetradecanoic Acid (PFTeA)	L	2.00	2.078	8350.486	9192.3		3.9	30
Perfluorotridecanoic Acid (PFTriA)	L	2.00	1.797	6145.186	6377.8		-10.2	30
Perfluoroundecanoic Acid (PFUnA)	L	2.00	1.746	5693.29	5780.95		-12.7	30
2-(N-methyl-d3-perfluoro-1-octanesulfonamido)	L	50.0	57.58	312.3996	368.564		15.2	
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	L	20.0	19.89	1391.656	1404.995		-0.6	
N-ethyl-d5-perfluoro-1-octane sulfonamide	L	5.00	5.369	568.2511	626.4		7.4	
N-ethyl-d5-perfluoro-1-octane sulfonamidoacetic aci	L	10.0	10.07	1306.713	1339.58		0.7	
N-methyl-d3-perfluoro-1-octanesulfonamide	L	5.00	5.497	427.1489	482.98		9.9	
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic ac	L	10.0	9.699	849.65	845.51		-3.0	
Perfluoro-1-(13C8)octanesulfonamide	L	5.00	5.872	3197.549	3865.54		17.4	
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic acid	L	2.50	2.401	7652.649	8095.8		-4.0	
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	L	2.50	2.339	4304.293	4448.6		-6.4	
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	L	5.00	5.042	4966.267	5073.1		0.8	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240404	Calibration Date:	04/03/24 10:46
Sequence:	S414051	Injection Date:	04/05/24
Lab Sample ID:	S414051-CCV3	Injection Time:	04:12

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	L	5.00	5.557	5838.62	6577.3		11.1	
Perfluoro-n-(1,2-13C2)dodecanoic acid	L	2.50	2.320	5594.853	5692.56		-7.2	
Perfluoro-n-(1,2-13C2)tetradecanoicacid	L	2.50	2.405	7935.044	8404.6		-3.8	
Perfluoro-n-(13C4)butanoic acid	L	20.0	20.92	1600.187	1536.75		4.6	
Perfluoro-n-(13C5)pentanoic acid	L	10.0	8.464	3000.432	2571.37		-15.4	
Perfluoro-n-(13C8)octanoic acid	L	5.00	4.434	4907.022	5291.52		-11.3	
Perfluoro-n-(13C9)nonanoic acid	L	2.50	2.650	3714.6	3850.44		6.0	
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfonate	L	5.00	5.046	1973.771	2011.46		0.9	
Sodium perfluoro-1-(1,2-13C2)decanesulfonate	L	10.0	11.86	839.4522	1005		18.6	
Sodium perfluoro-1-(1,2-13C2)octanesulfonate	L	10.0	10.48	904.5278	956.05		4.8	
Sodium perfluoro-1-(13C8)octanesulfonate	L	5.00	4.967	1984.622	2027.14		-0.7	
Sodium perfluoro-1-(2,3,4-13C3)butanesulfonate	L	5.00	4.934	3314.22	3303.9		-1.3	
Sodium perfuloro-1-(1,2-13C2)hexanesulfonate	L	10.0	11.12	1204.399	1353.9		11.2	
2-(N-ethyl-d5-perfluoro-1-octane sulfonamido)	L	50.0	57.69	316.2413	374.726		15.4	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/08/24
Lab Sample ID:	S415008-CCV1	Injection Time:	18:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	L	4.00	3.310	5152.314	5089.925		-17.2	30
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	L	4.00	3.996	662.2059	765.725		-0.1	30
4:2 FTS	L	8.00	7.753	1310.293	1483.7		-3.1	30
6:2 FTS	L	8.00	8.656	1070.251	1219.55		8.2	30
8:2 FTS	L	8.00	7.175	600.2636	691.7		-10.3	30
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	L	4.00	3.585	7672.114	8071		-10.4	30
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	L	4.00	4.045	9117.907	10309.48		1.1	30
5:3 FTCA	L	40.0	48.13	448.5851	701.9775		20.3	30
7:3 FTCA	L	40.0	44.43	383.0861	540.86		11.1	30
3:3 FTCA	L	8.00	9.349	87.29917	113.5625		16.9	30
N-EtFOSA	L	2.00	1.913	674.7904	869.2		-4.4	30
N-EtFOSAA	L	2.00	2.531	939.1311	1227.5		26.6	30
N-EtFOSE	L	20.0	18.85	305.2887	430.27		-5.8	30
N-MeFOSA	L	2.00	1.545	447.6318	402.6		-22.8	30
N-MeFOSAA	L	2.00	2.101	707.547	808.15		5.0	30
N-MeFOSE	L	20.0	19.12	305.4576	450.585		-4.4	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	L	4.00	3.706	9876.257	11651.63		-7.4	30
Perfluoro-1-decanesulfonate (PFDS)	L	2.00	1.703	2041.454	1910.55		-14.8	30
Perfluoro-1-dodecanesulfonate (PFDoS)	L	2.00	1.974	716.597	787.25		-1.3	30
Perfluoro-1-nonanesulfonate (PFNS)	L	2.00	1.860	2287.526	2416.95		-7.0	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/08/24
Lab Sample ID:	S415008-CCV1	Injection Time:	18:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	L	4.00	3.674	1506.704	1683.05		-8.2	30
Perfluoro-4-oxapentanoic acid (PFMPA)	L	4.00	4.421	1197.151	1384.775		10.5	30
Perfluoro-5-oxahexanoic acid (PFMBA)	L	4.00	3.546	3597.793	3568.475		-11.4	30
Perfluorobutanesulfonic Acid (PFBS)	L	2.00	2.055	2844.898	3330		2.8	30
Perfluorobutanoic Acid (PFBA)	L	8.00	7.285	1456.569	1565.213		-8.9	30
Perfluorodecanoic Acid (PFDA)	L	2.00	1.948	2995.092	3266.2		-2.6	30
Perfluorododecanoic Acid (PFDoA)	L	2.00	1.878	6987.691	7781.85		-6.1	30
Perfluoroheptanesulfonic Acid (PFHpS)	L	2.00	1.882	2054.131	2302.5		-5.9	30
Perfluoroheptanoic Acid (PFHpA)	L	2.00	1.961	5163.518	6950.65		-2.0	30
Perfluorohexanesulfonic Acid (PFHxS)	L	2.00	2.137	1848.92	2153.35		6.8	30
Perfluorohexanoic Acid (PFHxA)	L	2.00	1.773	5162.776	5789.2		-11.4	30
Perfluorononanoic Acid (PFNA)	L	2.00	1.908	3559.943	4242.9		-4.6	30
Perfluorooctanesulfonamide (FOSA)	L	2.00	1.963	3127.398	3788.3		-1.8	30
Perfluorooctanesulfonic Acid (PFOS)	L	2.00	1.883	1901.621	2022.4		-5.8	30
Perfluorooctanoic Acid (PFOA)	L	2.00	1.896	5086.933	6228.55		-5.2	30
Perfluoropentanesulfonic Acid (PFPeS)	L	2.00	2.069	2803.507	3407.3		3.4	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/08/24
Lab Sample ID:	S415008-CCV1	Injection Time:	18:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoropentanoic Acid (PFPeA)	L	4.00	3.774	4329.603	4610.425		-5.6	30
Perfluorotetradecanoic Acid (PFTeA)	L	2.00	2.110	8350.486	10057.65		5.5	30
Perfluorotridecanoic Acid (PFTriA)	L	2.00	1.809	6145.186	6917.45		-9.6	30
Perfluoroundecanoic Acid (PFUnA)	L	2.00	1.787	5693.29	6355.6		-10.6	30
2-(N-methyl-d3-perfluoro-1-octanesulfonamido)	L	50.0	65.05	312.3996	445.692		30.1	50
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	L	20.0	18.18	1391.656	1544.395		-9.1	50
N-ethyl-d5-perfluoro-1-octane sulfonamide	L	5.00	5.121	568.2511	639.44		2.4	50
N-ethyl-d5-perfluoro-1-octane sulfonamidoacetic aci	L	10.0	10.68	1306.713	1521.02		6.8	50
N-methyl-d3-perfluoro-1-octanesulfonamide	L	5.00	5.265	427.1489	495.18		5.3	50
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic ac	L	10.0	9.435	849.65	880.41		-5.6	50
Perfluoro-1-(13C8)octanesulfonamide	L	5.00	5.632	3197.549	3968.54		12.6	50
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic acid	L	2.50	2.387	7652.649	8698.72		-4.5	50
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	L	2.50	2.285	4304.293	4696.96		-8.6	50
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	L	5.00	4.943	4966.267	5980.66		-1.1	50

LONG ISLAND ANALYTICAL LABORATORIES INC.
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CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/08/24
Lab Sample ID:	S415008-CCV1	Injection Time:	18:55

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	L	5.00	5.552	5838.62	7902.66		11.0	50
Perfluoro-n-(1,2-13C2)dodecanoic acid	L	2.50	2.421	5594.853	6423.32		-3.2	50
Perfluoro-n-(1,2-13C2)tetradecanoicacid	L	2.50	2.398	7935.044	9056.52		-4.1	50
Perfluoro-n-(13C4)butanoic acid	L	20.0	20.76	1600.187	1817.225		3.8	50
Perfluoro-n-(13C5)pentanoic acid	L	10.0	8.677	3000.432	3169.74		-13.2	50
Perfluoro-n-(13C8)octanoic acid	L	5.00	4.973	4907.022	6093.38		-0.5	50
Perfluoro-n-(13C9)nonanoic acid	L	2.50	2.484	3714.6	4467.92		-0.6	50
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfonate	L	5.00	5.064	1973.771	2222.88		1.3	50
Sodium perfluoro-1-(1,2-13C2)decanesulfonate	L	10.0	12.04	839.4522	1123.89		20.4	50
Sodium perfluoro-1-(1,2-13C2)octanesulfonate	L	10.0	10.39	904.5278	1043.88		3.9	50
Sodium perfluoro-1-(13C8)octanesulfonate	L	5.00	4.905	1984.622	2142.54		-1.9	50
Sodium perfluoro-1-(2,3,4-13C3)butanesulfonate	L	5.00	4.984	3314.22	3676.06		-0.3	50
Sodium perfuloro-1-(1,2-13C2)hexanesulfonate	L	10.0	11.85	1204.399	1588.91		18.5	50
2-(N-ethyl-d5-perfluoro-1-octane sulfonamido)	L	50.0	65.90	316.2413	458.09		31.8	50

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/09/24
Lab Sample ID:	S415008-CCV2	Injection Time:	00:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
11-CESF-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	L	4.00	3.414	5152.314	5415.65		-14.6	30
2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-DA)	L	4.00	4.361	662.2059	862.35		9.0	30
4:2 FTS	L	8.00	8.567	1310.293	1518.425		7.1	30
6:2 FTS	L	8.00	7.423	1070.251	1141.163		-7.2	30
8:2 FTS	L	8.00	8.166	600.2636	755.3375		2.1	30
9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	L	4.00	3.425	7672.114	7955.1		-14.4	30
Dodecafluoro-3H-4,8-dioxanonaoate (ADONA)	L	4.00	3.851	9117.907	10127.23		-3.7	30
5:3 FTCA	L	40.0	47.84	448.5851	696.87		19.6	30
7:3 FTCA	L	40.0	48.79	383.0861	593.0875		22.0	30
3:3 FTCA	L	8.00	9.970	87.29917	114.625		24.6	30
N-EtFOSA	L	2.00	1.744	674.7904	888.9		-12.8	30
N-EtFOSAA	L	2.00	1.930	939.1311	875.95		-3.5	30
N-EtFOSE	L	20.0	18.49	305.2887	421.365		-7.5	30
N-MeFOSA	L	2.00	1.674	447.6318	398.5		-16.3	30
N-MeFOSAA	L	2.00	2.383	707.547	1020.3		19.2	30
N-MeFOSE	L	20.0	18.09	305.4576	418.07		-9.5	30
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	L	4.00	3.617	9876.257	11356.95		-9.6	30
Perfluoro-1-decanesulfonate (PFDS)	L	2.00	2.067	2041.454	2317.6		3.4	30
Perfluoro-1-dodecanesulfonate (PFDoS)	L	2.00	1.753	716.597	698.4		-12.4	30
Perfluoro-1-nonanesulfonate (PFNS)	L	2.00	1.750	2287.526	2272.35		-12.5	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/09/24
Lab Sample ID:	S415008-CCV2	Injection Time:	00:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	L	4.00	3.545	1506.704	1621.675		-11.4	30
Perfluoro-4-oxapentanoic acid (PFMPA)	L	4.00	4.084	1197.151	1210.775		2.1	30
Perfluoro-5-oxahexanoic acid (PFMBA)	L	4.00	3.692	3597.793	3517.075		-7.7	30
Perfluorobutanesulfonic Acid (PFBS)	L	2.00	1.947	2844.898	3106.4		-2.6	30
Perfluorobutanoic Acid (PFBA)	L	8.00	7.219	1456.569	1497.15		-9.8	30
Perfluorodecanoic Acid (PFDA)	L	2.00	1.881	2995.092	3578.8		-6.0	30
Perfluorododecanoic Acid (PFDoA)	L	2.00	2.152	6987.691	7729.5		7.6	30
Perfluoroheptanesulfonic Acid (PFHpS)	L	2.00	1.895	2054.131	2315.95		-5.2	30
Perfluoroheptanoic Acid (PFHpA)	L	2.00	1.889	5163.518	6278.85		-5.6	30
Perfluorohexanesulfonic Acid (PFHxS)	L	2.00	2.002	1848.92	2075.6		0.1	30
Perfluorohexanoic Acid (PFHxA)	L	2.00	1.784	5162.776	5815.8		-10.8	30
Perfluorononanoic Acid (PFNA)	L	2.00	2.020	3559.943	4372.15		1.0	30
Perfluorooctanesulfonamide (FOSA)	L	2.00	1.981	3127.398	4202.4		-1.0	30
Perfluorooctanesulfonic Acid (PFOS)	L	2.00	1.808	1901.621	1940.45		-9.6	30
Perfluorooctanoic Acid (PFOA)	L	2.00	1.878	5086.933	5907.3		-6.1	30
Perfluoropentanesulfonic Acid (PFPeS)	L	2.00	1.933	2803.507	3276.3		-3.4	30

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/09/24
Lab Sample ID:	S415008-CCV2	Injection Time:	00:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoropentanoic Acid (PFPeA)	L	4.00	3.692	4329.603	4269.875		-7.7	30
Perfluorotetradecanoic Acid (PFTeA)	L	2.00	1.994	8350.486	10379.85		-0.3	30
Perfluorotridecanoic Acid (PFTriA)	L	2.00	1.790	6145.186	7473.2		-10.5	30
Perfluoroundecanoic Acid (PFUnA)	L	2.00	1.829	5693.29	6285.7		-8.6	30
2-(N-methyl-d3-perfluoro-1-octanesulfonamido)	L	50.0	60.60	312.3996	437.068		21.2	50
2,3,3,3-Tetrafluoro-2-(13C3) propanoic acid	L	20.0	18.90	1391.656	1593.47		-5.5	50
N-ethyl-d5-perfluoro-1-octane sulfonamide	L	5.00	5.458	568.2511	717.52		9.2	50
N-ethyl-d5-perfluoro-1-octane sulfonamidoacetic aci	L	10.0	9.499	1306.713	1423.7		-5.0	50
N-methyl-d3-perfluoro-1-octanesulfonamide	L	5.00	4.569	427.1489	452.36		-8.6	50
N-methyl-d3-perfluoro-1-octanesulfonamidoacetic ac	L	10.0	9.974	849.65	979.77		-0.3	50
Perfluoro-1-(13C8)octanesulfonamide	L	5.00	5.883	3197.549	4363.26		17.7	50
Perfluoro-n-(1,2,3,4,5,6,7-13C7)undecanoic acid	L	2.50	2.161	7652.649	8407.72		-13.6	50
Perfluoro-n-(1,2,3,4,5,6-13C6)decanoic acid	L	2.50	2.428	4304.293	5329.8		-2.9	50
Perfluoro-n-(1,2,3,4,6-13C5) hexanoic acid	L	5.00	4.973	4966.267	5972.12		-0.5	50

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 1633 (Draft)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	QQQ-1	Calibration:	L414003
Lab File ID:	240408	Calibration Date:	04/03/24 10:46
Sequence:	S415008	Injection Date:	04/09/24
Lab Sample ID:	S415008-CCV2	Injection Time:	00:00

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Perfluoro-n-(1,2,3,4-13C4) heptanoic acid	L	5.00	5.246	5838.62	7411.88		4.9	50
Perfluoro-n-(1,2-13C2)dodecanoic acid	L	2.50	1.966	5594.853	5567.4		-21.4	50
Perfluoro-n-(1,2-13C2)tetradecanoicacid	L	2.50	2.452	7935.044	9889		-1.9	50
Perfluoro-n-(13C4)butanoic acid	L	20.0	20.89	1600.187	1754.25		4.5	50
Perfluoro-n-(13C5)pentanoic acid	L	10.0	8.275	3000.432	3000.28		-17.2	50
Perfluoro-n-(13C8)octanoic acid	L	5.00	5.182	4907.022	5833.12		3.6	50
Perfluoro-n-(13C9)nonanoic acid	L	2.50	2.556	3714.6	4348.4		2.2	50
Sodium perfluoro-1-(1,2,3-13C3)hexanesulfonate	L	5.00	5.196	1973.771	2287.36		3.9	50
Sodium perfluoro-1-(1,2-13C2)decanesulfonate	L	10.0	11.52	839.4522	1078.33		15.2	50
Sodium perfluoro-1-(1,2-13C2)octanesulfonate	L	10.0	11.30	904.5278	1139.12		13.0	50
Sodium perfluoro-1-(13C8)octanesulfonate	L	5.00	4.655	1984.622	2140.52		-6.9	50
Sodium perfluoro-1-(2,3,4-13C3)butanesulfonate	L	5.00	4.893	3314.22	3618.42		-2.1	50
Sodium perfuloro-1-(1,2-13C2)hexanesulfonate	L	10.0	10.95	1204.399	1471.71		9.5	50
2-(N-ethyl-d5-perfluoro-1-octane sulfonamido)	L	50.0	62.48	316.2413	457.218		25.0	50

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

QC DATA

110 Colin Drive • Holbrook, New York 11741
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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414031-BLK1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 19:29
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	1.000	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	1.000	U
757124-72-4	4:2 FTS	1.000	U
27619-97-2	6:2 FTS	1.000	U
39108-34-4	8:2 FTS	1.000	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	1.000	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	1.000	U
914637-49-3	5:3 FTCA	5.000	U
812-70-4	7:3 FTCA	5.000	U
356-02-5	3:3 FTCA	1.000	U
4151-50-2	N-EtFOSA	5.000	U
2991-50-6	N-EtFOSAA	1.000	U
1691-99-2	N-EtFOSE	10.00	U
31506-32-8	N-MeFOSA	1.000	U
2355-31-9	N-MeFOSAA	1.000	U
24448-09-7	N-MeFOSE	5.000	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	1.000	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	1.000	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	1.000	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	1.000	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	5.000	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	5.000	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	5.000	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.000	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-BLK1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 19:29
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	1.000	U
335-76-2	Perfluorodecanoic Acid (PFDA)	1.000	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	1.000	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.000	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.000	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.000	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.000	U
375-95-1	Perfluorononanoic Acid (PFNA)	1.000	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.000	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.000	U
335-67-1	Perfluorooctanoic Acid (PFOA)	1.000	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	1.000	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.000	U
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	1.000	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	1.000	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.000	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-BS1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 20:03
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	3.359	
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	4.225	
757124-72-4	4:2 FTS	8.803	
27619-97-2	6:2 FTS	8.459	
39108-34-4	8:2 FTS	7.791	
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	4.087	
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	4.500	
914637-49-3	5:3 FTCA	35.86	
812-70-4	7:3 FTCA	33.34	
356-02-5	3:3 FTCA	6.950	
4151-50-2	N-EtFOSA	1.511	U
2991-50-6	N-EtFOSAA	2.480	
1691-99-2	N-EtFOSE	18.75	
31506-32-8	N-MeFOSA	1.171	
2355-31-9	N-MeFOSAA	1.812	
24448-09-7	N-MeFOSE	18.59	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	3.835	
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	1.609	
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	1.257	
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	1.784	
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	3.457	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	4.268	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	3.875	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.124	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-BS1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 20:03
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	8.529	
335-76-2	Perfluorodecanoic Acid (PFDA)	2.150	
307-55-1	Perfluorododecanoic Acid (PFDoA)	2.022	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	1.878	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.232	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.194	
307-24-4	Perfluorohexanoic Acid (PFHxA)	1.878	
375-95-1	Perfluorononanoic Acid (PFNA)	2.015	
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.198	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.870	
335-67-1	Perfluorooctanoic Acid (PFOA)	1.959	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	2.100	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	4.165	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	2.375	
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	2.011	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	1.846	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414031-BS2	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 20:37
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	0.8140	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	0.9540	U
757124-72-4	4:2 FTS	2.217	
27619-97-2	6:2 FTS	2.422	
39108-34-4	8:2 FTS	2.183	
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	0.9210	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	1.059	
914637-49-3	5:3 FTCA	8.834	
812-70-4	7:3 FTCA	8.767	
356-02-5	3:3 FTCA	1.689	
4151-50-2	N-EtFOSA	5.000	4.N, U
2991-50-6	N-EtFOSAA	0.6600	U
1691-99-2	N-EtFOSE	10.00	U
31506-32-8	N-MeFOSA	1.000	U
2355-31-9	N-MeFOSAA	0.5980	U
24448-09-7	N-MeFOSE	5.884	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	0.9390	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	0.4500	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	1.000	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	0.5420	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	5.000	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	5.000	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	5.000	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	0.5370	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-BS2	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 20:37
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg wet)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	2.571	
335-76-2	Perfluorodecanoic Acid (PFDA)	0.5910	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	0.5210	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	0.4320	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.6090	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.5190	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	0.6010	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.5460	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.5810	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.5190	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.5090	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	0.4390	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	1.064	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	0.5440	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	1.000	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	0.4710	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-MS1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 21:11
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Column:	1				

Instrument: QQQ-1

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	4.104	
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	4.895	
757124-72-4	4:2 FTS	11.14	
27619-97-2	6:2 FTS	10.45	
39108-34-4	8:2 FTS	10.23	
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	4.463	
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	5.409	
914637-49-3	5:3 FTCA	53.79	
812-70-4	7:3 FTCA	50.36	
356-02-5	3:3 FTCA	13.73	4.G
4151-50-2	N-EtFOSA	2.176	U
2991-50-6	N-EtFOSAA	3.250	4.G
1691-99-2	N-EtFOSE	25.11	
31506-32-8	N-MeFOSA	2.259	4.T
2355-31-9	N-MeFOSAA	2.323	
24448-09-7	N-MeFOSE	24.23	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	4.665	
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	2.345	
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	2.212	
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	2.313	
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	6.348	4.G, U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	5.220	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	4.760	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.654	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-MS1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 21:11
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	10.54	
335-76-2	Perfluorodecanoic Acid (PFDA)	2.510	
307-55-1	Perfluorododecanoic Acid (PFDoA)	2.476	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	2.438	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.894	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.723	
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.269	
375-95-1	Perfluorononanoic Acid (PFNA)	2.519	
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.836	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.847	
335-67-1	Perfluorooctanoic Acid (PFOA)	2.711	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	2.872	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	5.394	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	2.849	
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	2.876	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	2.086	4.T

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-MSD1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 21:44
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-F	4.783	
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-I	5.444	
757124-72-4	4:2 FTS	10.96	
27619-97-2	6:2 FTS	10.93	
39108-34-4	8:2 FTS	9.467	
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3C	4.917	
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	5.776	
914637-49-3	5:3 FTCA	62.04	
812-70-4	7:3 FTCA	56.06	
356-02-5	3:3 FTCA	12.73	4.G
4151-50-2	N-EtFOSA	1.912	U
2991-50-6	N-EtFOSAA	3.429	4.G
1691-99-2	N-EtFOSE	24.49	
31506-32-8	N-MeFOSA	3.059	4.T
2355-31-9	N-MeFOSAA	2.420	
24448-09-7	N-MeFOSE	24.61	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEI	4.863	
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	2.195	
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	2.125	
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	2.336	
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	6.348	4.G, U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	5.418	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	4.907	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	2.716	

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414031-MSD1	File ID:	240408
Sampled:		Prepared:	04/03/24 14:10	Analyzed:	04/08/24 21:44
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414031	Sequence:	S415008	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/kg dry)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	10.49	
335-76-2	Perfluorodecanoic Acid (PFDA)	2.762	
307-55-1	Perfluorododecanoic Acid (PFDoA)	2.466	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	2.447	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.792	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	2.520	
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.391	
375-95-1	Perfluorononanoic Acid (PFNA)	2.787	
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.853	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.647	
335-67-1	Perfluorooctanoic Acid (PFOA)	2.688	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	2.598	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	5.180	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	2.839	
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	2.689	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	2.619	4.T

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BLK1	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 19:10
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	10.00	U
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	20.00	U
757124-72-4	4:2 FTS	20.00	U
27619-97-2	6:2 FTS	20.00	U
39108-34-4	8:2 FTS	50.00	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	10.00	U
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	10.00	U
914637-49-3	5:3 FTCA	100.0	U
812-70-4	7:3 FTCA	200.0	U
356-02-5	3:3 FTCA	50.00	U
4151-50-2	N-EtFOSA	10.00	U
2991-50-6	N-EtFOSAA	10.00	U
1691-99-2	N-EtFOSE	50.00	U
31506-32-8	N-MeFOSA	20.00	U
2355-31-9	N-MeFOSAA	20.00	U
24448-09-7	N-MeFOSE	100.0	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	5.000	U
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	10.00	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	20.00	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	10.00	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	10.00	U
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	10.00	U
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	10.00	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	5.000	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BLK1	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 19:10
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/L)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	20.00	U
335-76-2	Perfluorodecanoic Acid (PFDA)	10.00	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	5.000	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	5.000	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	10.00	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	10.00	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	10.00	U
375-95-1	Perfluorononanoic Acid (PFNA)	5.000	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	5.000	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	2.000	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.000	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	5.000	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	10.00	U
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	10.00	U
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	10.00	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	5.000	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BS1	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 19:44
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	64.94	
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	77.94	
757124-72-4	4:2 FTS	174.2	
27619-97-2	6:2 FTS	188.2	
39108-34-4	8:2 FTS	157.1	
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	71.50	
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	75.30	
914637-49-3	5:3 FTCA	763.4	
812-70-4	7:3 FTCA	628.1	
356-02-5	3:3 FTCA	145.8	
4151-50-2	N-EtFOSA	34.36	
2991-50-6	N-EtFOSAA	41.94	
1691-99-2	N-EtFOSE	410.1	
31506-32-8	N-MeFOSA	33.76	
2355-31-9	N-MeFOSAA	37.80	
24448-09-7	N-MeFOSE	373.4	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	81.36	
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	40.84	
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	45.16	
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	37.82	
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	58.48	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	88.84	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	74.92	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	43.64	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BS1	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 19:44
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/L)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	157.2	
335-76-2	Perfluorodecanoic Acid (PFDA)	42.54	
307-55-1	Perfluorododecanoic Acid (PFDoA)	43.78	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	44.48	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	43.94	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	41.44	
307-24-4	Perfluorohexanoic Acid (PFHxA)	38.32	
375-95-1	Perfluorononanoic Acid (PFNA)	38.42	
754-91-6	Perfluorooctanesulfonamide (FOSA)	40.44	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	41.02	
335-67-1	Perfluorooctanoic Acid (PFOA)	38.14	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	43.92	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	78.80	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	45.52	
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	38.52	
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	38.74	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BS2	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 20:17
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Column:	1				

Instrument: QQQ-1

CAS NO.	COMPOUND	CONC. (ng/L)	Q
763051-92-9	11-CESF-3-oxaundecane-1-sulfonate (11Cl-P	12.90	
13252-13-6	2,3,3,3-Tetrafluoro-2-propanoic acid (HFPO-D	18.98	U
757124-72-4	4:2 FTS	37.02	
27619-97-2	6:2 FTS	40.18	
39108-34-4	8:2 FTS	40.28	U
756426-58-1	9-CHDF-3-oxanonane-1-sulfonate (9Cl-PF3O	14.28	
919005-14-4	Dodecafluoro-3H-4,8-dioxanonaoate (ADONA	17.26	
914637-49-3	5:3 FTCA	176.0	
812-70-4	7:3 FTCA	154.8	U
356-02-5	3:3 FTCA	40.98	U
4151-50-2	N-EtFOSA	6.520	U
2991-50-6	N-EtFOSAA	13.54	
1691-99-2	N-EtFOSE	88.54	
31506-32-8	N-MeFOSA	20.00	U
2355-31-9	N-MeFOSAA	10.22	U
24448-09-7	N-MeFOSE	96.82	U
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE	19.46	
335-77-3	Perfluoro-1-decanesulfonate (PFDS)	8.060	U
79780-39-5	Perfluoro-1-dodecanesulfonate (PFDoS)	8.800	U
68259-12-1	Perfluoro-1-nonanesulfonate (PFNS)	8.500	U
151772-58-6	Perfluoro-3-6,dioxaheptanoic acid (NFDHA)	12.50	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	20.80	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	16.82	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	9.940	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414128-BS2	File ID:	240404
Sampled:		Prepared:	04/04/24 09:12	Analyzed:	04/04/24 20:17
Solids:		Preparation:	EPA 1633	Dilution:	
Batch:	B414128	Sequence:	S414051	Calibration:	L414003
Instrument:	QQQ-1				
Column:	1				

CAS NO.	COMPOUND	CONC. (ng/L)	Q
375-22-4	Perfluorobutanoic Acid (PFBA)	38.30	
335-76-2	Perfluorodecanoic Acid (PFDA)	9.780	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	9.920	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	9.020	
375-85-9	Perfluoroheptanoic Acid (PFHpA)	9.960	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	10.88	
307-24-4	Perfluorohexanoic Acid (PFHxA)	9.160	U
375-95-1	Perfluorononanoic Acid (PFNA)	9.580	
754-91-6	Perfluorooctanesulfonamide (FOSA)	9.160	
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	8.160	
335-67-1	Perfluorooctanoic Acid (PFOA)	8.340	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	10.28	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	19.84	
376-06-7	Perfluorotetradecanoic Acid (PFTeA)	10.30	
72629-94-8	Perfluorotridecanoic Acid (PFTriA)	9.640	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	7.280	

Compound Method			SEQ-LCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	0.7842	16.7...	☐	5032	0.7842	7.8	☐		☐	13C3-HFPO...	13.4...	322...	34.1	☐
PFHxS (A)	398.9 -> 80.0	2...	0.7859	14.0...	☑	299	0.7859		☐		☐	13C3-PFHx...	14.2...	115...	50.9	☐
3-3 FTCA	241.0 -> 177...	2	2.4146	10.5...	☐	244	2.4146	52.3	☐		☐	13C5-PFPe...	10.8...	329...		☐
4:2 FTS	327.0 -> 306...	3	2.1664	12.9...	☐	3110	2.1664	39.4	☐		☐	13C2-4:2 FT...	12.9...	149...	37.1	☐
5-3 FTCA	341.0 -> 237...	4	11.8866	14.2...	☐	7610	11.8866	87.6	☐		☐	13C5-PFHx...	13.0...	328...	2.2	☐
6:2 FTS	427.0 -> 406...	5	2.1453	14.8...	☐	2978	2.1453	36.1	☐		☐	13C2-6:2 FT...	14.8...	128...	48.8	☐
7-3 FTCA	441.0 -> 337...	6	9.6596	15.6...	☐	5162	9.6596	86.3	☐		☐	13C5-PFHx...	13.0...	328...	2.2	☐
8:2 FTS	527.0 -> 507...	7	1.8347	16.0...	☐	1462	1.8347	80.5	☐		☐	13C2-8:2 FT...	16.0...	116...	33.3	☐
9Cl-PF3ONS	530.9 -> 350...	8	0.9061	15.8...	☐	8515	0.9061	4.4	☐		☐	13C3-HFPO...	13.4...	322...	34.1	☐
ADONA	377.0 -> 250...	9	1.0170	14.2...	☐	108...	1.0170	34.7	☐		☐	13C3-HFPO...	13.4...	322...	34.1	☐
HPFO-DA	285.0 -> 169...	10	0.9570	13.4...	☐	765	0.9570	21.8	☐		☐	13C3-HFPO...	13.4...	322...	34.1	☐
NEtFOSA	526.0 -> 169...	11	0.4656	17.2...	☐	397	0.4656	15.7	☐	47.8	☐	D5-NEtFOS...	17.1...	2998		☐
NEtFOSAA	584.0 -> 419...	12	0.5113	16.5...	☐	669	0.5113	82.9	☐		☐	D5-NEtFOS...	16.5...	205...		☐
NEtFOSE	630.0 -> 59.0	13	5.1830	17.1...	☐	2249	5.1830		☐		☐	D9-NEtFOS...	17.1...	217...		☐
NFDHA	201.0 -> 85.0	14	0.8302	12.7...	☐	1669	0.8302	12.5	☐	49.4	☐	13C5-PFHx...	13.0...	328...	2.2	☐
PFHxS (B)	398.9 -> 80.0	2...	0.5248	14.2...	☐	902	0.5248		☐		☐	13C3-PFHx...	14.2...	115...	50.9	☐
NMeFOSA	512.0 -> 219...	15	0.4512	16.9...	☐	231	0.4512	17...	☐		☐	D3-NMeFO...	16.9...	2437		☐
NMeFOSAA	570.0 -> 419...	16	0.5681	16.2...	☐	545	0.5681	33.6	☐		☐	D3-NMeFO...	16.2...	109...		☐
NMeFOSE	616.0 -> 59.0	17	4.8481	16.9...	☐	2282	4.8481		☐		☐	D7-NMeFO...	16.9...	222...		☐
PFBA	213.0 -> 168...	18	1.8753	4.061	☐	3288	1.8753		☐		☐	13C4-PFBA...	4.039	370...		☐
PFBS	298.9 -> 80.0	19	0.5075	11.7...	☐	1690	0.5075	46.7	☐		☐	13C3-PFBS...	11.7...	188...	45.3	☐
PFDA	513.0 -> 469...	20	0.5894	16.0...	☐	2045	0.5894	30.4	☐		☐	13C6-PFDA...	16.0...	121...		☐
PFDoA	613.0 -> 569...	21	0.4584	16.9...	☐	4798	0.4584	19.9	☐		☐	13C2-PFDo...	16.9...	202...		☐
PFDoS	698.9 -> 99.0	22	0.4712	17.2...	☐	372	0.4712	15...	☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFDS	598.9 -> 80.0	23	0.4575	16.5...	☐	1015	0.4575	59.8	☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFEESA	314.9 -> 134...	24	0.8464	12.5...	☐	116...	0.8464	5.8	☐	8.8	☐	13C5-PFHx...	13.0...	328...	2.2	☐
PFHpA	362.9 -> 319...	25	0.4943	14.1...	☐	3567	0.4943	16.7	☐		☐	13C4-PFHp...	14.1...	402...	10.9	☐
PFHpS	448.9 -> 80.0	26	0.4524	14.9...	☐	1094	0.4524	44.6	☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFHxA	313.0 -> 268...	27	0.4123	13.0...	☐	2954	0.4123	6.5	☐		☐	13C5-PFHx...	13.0...	328...	2.2	☐
PFHxS	398.9 -> 80.0	28	0.5722	14.1...	☑	1201	0.5722		☐		☐	13C3-PFHx...	14.2...	115...	50.9	☐
PFMBA	279.0 -> 84.9	29	0.8961	11.7...	☐	3754	0.8961	5.2	☐		☐	13C5-PFPe...	10.8...	329...		☐
PFMPA	229.0 -> 84.9	30	1.2407	7.529	☐	1618	1.2407		☐		☐	13C5-PFPe...	10.8...	329...		☐

Compound Method			SEQ-LCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	0.4931	15.5...	☐	2340	0.4931	22.3	☐		☐	13C9-PFNA...	15.5...	119...	32.3	☐
PFNS	548.9 -> 80.0	32	0.4062	16.0...	☐	1044	0.4062	67.1	☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFOA	413.0 -> 369...	33	0.4640	14.9...	☐	3209	0.4640	26.6	☐		☐	13C8-PFOA...	14.9...	320...	31.5	☐
PFOS	498.9 -> 80.0	34	0.5275	15.4...	☐	1120	0.5275		☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFOSA	497.9 -> 78.0	35	0.4861	16.1...	☐	1778	0.4861	0.3	☐	5.5	☐	13C8-PFOS...	16.1...	188...		☐
PFPeA	263.0 -> 219...	36	0.9550	10.8...	☐	4857	0.9550		☐		☐	13C5-PFPe...	10.8...	329...		☐
PFPES	348.9 -> 79.9	37	0.4677	13.2...	☐	1605	0.4677	49.8	☐		☐	13C3-PFHx...	14.2...	115...	50.9	☐
PFTeDA	712.9 -> 669...	38	0.5925	17.5...	☐	5135	0.5925	11.4	☐		☐	13C2-PFTe...	17.5...	205...		☐
PFTrDA	663.0 -> 619...	39	0.5237	17.2...	☐	3641	0.5237	17.5	☐		☐	13C2-PFTe...	17.5...	205...		☐
PFUnA	563.0 -> 519...	40	0.5524	16.5...	☐	4237	0.5524	26.6	☐		☐	13C7-PFUn...	16.5...	234...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	20.4477	4.039	☐	370...	20.4477		☐		☐	13C3-PFBA	4.042	203...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	8.3377	10.8...	☐	329...	8.3377		☐		☐	13C2-PFHxA	13.0...	342...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	5.0082	13.0...	☐	328...	5.0082	2.2	☐		☐	13C2-PFHxA	13.0...	342...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	5.2183	14.1...	☐	402...	5.2183	10.9	☐		☐	13C2-PFHxA	13.0...	342...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	5.1034	14.9...	☐	320...	5.1034	31.5	☐		☐	13C4-PFOA	14.9...	3420		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.6678	15.5...	☐	119...	2.6678	32.3	☐		☐	13C5-PFNA	15.5...	120...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.2808	16.0...	☐	121...	2.2808		☐		☐	13C2-PFDA	16.0...	134...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.4840	16.5...	☐	234...	2.4840		☐		☐	13C2-PFDA	16.0...	134...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	2.9507	16.9...	☐	202...	2.9507		☐		☐	13C2-PFDA	16.0...	134...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.1033	17.5...	☐	205...	2.1033		☐		☐	13C2-PFDA	16.0...	134...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	5.1826	11.7...	☐	188...	5.1826	45.3	☐		☐	18O2-PFHxS	14.2...	7445		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	5.3375	14.2...	☐	115...	5.3375	50.9	☐		☐	18O2-PFHxS	14.2...	7445		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	4.7068	15.5...	☐	105...	4.7068	60.4	☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	11.2473	12.9...	☐	149...	11.2473	37.1	☐		☐	18O2-PFHxS	14.2...	7445		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	12.9455	14.8...	☐	128...	12.9455	48.8	☐		☐	18O2-PFHxS	14.2...	7445		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	12.5930	16.0...	☐	116...	12.5930	33.3	☐		☐	18O2-PFHxS	14.2...	7445		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.1828	16.1...	☐	188...	5.1828		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	60.7969	17.1...	☐	217...	60.7969		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	5.0308	16.9...	☐	2437	5.0308		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	11.4304	16.2...	☐	109...	11.4304		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	4.6609	17.1...	☐	2998	4.6609		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	13.9945	16.5...	☐	205...	13.9945		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐

Compound Method			SEQ-LCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	63.0825	16.9...	☐	222...	63.0825		☐		☐	13C4-PFOS	15.5...	131...	49.6	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	17.5131	13.4...	☐	322...	17.5131	34.1	☐		☐	13C2-PFHxA	13.0...	342...		☐
PFOS (A)	498.9 -> 80.0	3...	0.5129	15.3...	☑	228	0.5129		☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐
PFOS (B)	498.9 -> 80.0	3...	0.5314	15.5...	☐	892	0.5314		☐		☐	13C8-PFOS...	15.5...	105...	60.4	☐

Compound Method			SEQ-CCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	3.3104	16.7...	☐	203...	3.3104	6.3	☐		☐	13C3-HFPO...	13.4...	308...	35.1	☐
PFHxS (A)	398.9 -> 80.0	2...	2.0460	14.0...	☑	748	2.0460		☐		☐	13C3-PFHx...	14.2...	111...	57.8	☐
3-3 FTCA	241.0 -> 177...	2	9.3488	10.4...	☐	908	9.3488	60.2	☐		☐	13C5-PFPe...	10.8...	316...		☐
4:2 FTS	327.0 -> 306...	3	7.7535	12.8...	☐	118...	7.7535	38.1	☐		☐	13C2-4:2 FT...	12.8...	158...	33.5	☐
5-3 FTCA	341.0 -> 237...	4	48.1262	14.1...	☐	280...	48.1262	96.9	☐		☐	13C5-PFHx...	13.0...	299...	2.5	☐
6:2 FTS	427.0 -> 406...	5	8.6562	14.8...	☐	9756	8.6562	40.8	☐		☐	13C2-6:2 FT...	14.8...	104...	47.0	☐
7-3 FTCA	441.0 -> 337...	6	44.4278	15.6...	☐	216...	44.4278	88.6	☐		☐	13C5-PFHx...	13.0...	299...	2.5	☐
8:2 FTS	527.0 -> 507...	7	7.1752	16.0...	☐	5534	7.1752	80.1	☐		☐	13C2-8:2 FT...	16.0...	112...	30.3	☐
9Cl-PF3ONS	530.9 -> 350...	8	3.5849	15.8...	☐	322...	3.5849	4.9	☐		☐	13C3-HFPO...	13.4...	308...	35.1	☐
ADONA	377.0 -> 250...	9	4.0450	14.2...	☐	412...	4.0450	35.8	☐		☐	13C3-HFPO...	13.4...	308...	35.1	☐
HPFO-DA	285.0 -> 169...	10	3.9956	13.4...	☐	3063	3.9956	37.1	☐		☐	13C3-HFPO...	13.4...	308...	35.1	☐
NEtFOSA	526.0 -> 169...	11	1.9134	17.2...	☐	1738	1.9134	15.6	☐	61.5	☐	D5-NEtFOS...	17.2...	3197		☐
NEtFOSAA	584.0 -> 419...	12	2.5314	16.5...	☐	2455	2.5314	57.4	☐		☐	D5-NEtFOS...	16.5...	152...		☐
NEtFOSE	630.0 -> 59.0	13	18.8472	17.1...	☐	8605	18.8472		☐		☐	D9-NEtFOS...	17.1...	229...		☐
NFDHA	201.0 -> 85.0	14	3.6736	12.7...	☐	6732	3.6736	14.6	☐	49.4	☐	13C5-PFHx...	13.0...	299...	2.5	☐
PFHxS (B)	398.9 -> 80.0	2...	2.1568	14.2...	☐	3559	2.1568		☐		☐	13C3-PFHx...	14.2...	111...	57.8	☐
NMeFOSA	512.0 -> 219...	15	1.5453	16.9...	☐	805	1.5453	14...	☐		☐	D3-NMeFO...	16.9...	2476		☐
NMeFOSAA	570.0 -> 419...	16	2.1007	16.2...	☑	1616	2.1007	36.9	☐		☐	D3-NMeFO...	16.2...	8804		☐
NMeFOSE	616.0 -> 59.0	17	19.1210	16.9...	☐	9012	19.1210		☐		☐	D7-NMeFO...	16.9...	222...		☐
PFBA	213.0 -> 168...	18	7.2855	3.970	☐	125...	7.2855		☐		☐	13C4-PFBA...	3.975	363...		☐
PFBS	298.9 -> 80.0	19	2.0547	11.7...	☐	6660	2.0547	42.3	☐		☐	13C3-PFBS...	11.7...	183...	45.9	☐
PFDA	513.0 -> 469...	20	1.9480	16.0...	☐	6532	1.9480	29.6	☐		☐	13C6-PFDA...	16.0...	117...		☐
PFDoA	613.0 -> 569...	21	1.8775	16.8...	☐	155...	1.8775	16.8	☐		☐	13C2-PFDo...	16.8...	160...		☐
PFDoS	698.9 -> 99.0	22	1.9736	17.2...	☐	1574	1.9736	14...	☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFDS	598.9 -> 80.0	23	1.7025	16.4...	☐	3821	1.7025	63.3	☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFEESA	314.9 -> 134...	24	3.7056	12.5...	☐	466...	3.7056	7.1	☐	8.8	☐	13C5-PFHx...	13.0...	299...	2.5	☐
PFHpA	362.9 -> 319...	25	1.9609	14.1...	☐	139...	1.9609	23.9	☐		☐	13C4-PFHp...	14.1...	395...	11.3	☐
PFHpS	448.9 -> 80.0	26	1.8824	14.9...	☐	4605	1.8824	36.0	☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFHxA	313.0 -> 268...	27	1.7732	13.0...	☐	115...	1.7732	4.9	☐		☐	13C5-PFHx...	13.0...	299...	2.5	☐
PFHxS	398.9 -> 80.0	28	2.1367	14.1...	☐	4307	2.1367		☐		☐	13C3-PFHx...	14.2...	111...	57.8	☐
PFMBA	279.0 -> 84.9	29	3.5459	11.7...	☐	142...	3.5459	5.6	☐		☐	13C5-PFPe...	10.8...	316...		☐
PFMPA	229.0 -> 84.9	30	4.4208	7.426	☐	5539	4.4208		☐		☐	13C5-PFPe...	10.8...	316...		☐

Compound Method			SEQ-CCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	1.9077	15.5...	☐	8486	1.9077	27.6	☐		☐	13C9-PFNA...	15.5...	111...	32.6	☐
PFNS	548.9 -> 80.0	32	1.8597	16.0...	☐	4834	1.8597	56.2	☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFOA	413.0 -> 369...	33	1.8957	14.9...	☐	124...	1.8957	21.4	☐		☐	13C8-PFOA...	14.9...	304...	32.8	☐
PFOS	498.9 -> 80.0	34	1.8830	15.4...	☑	4045	1.8830		☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFOSA	497.9 -> 78.0	35	1.9630	16.1...	☐	7577	1.9630	0.6	☐	3.3	☐	13C8-PFOS...	16.1...	198...		☐
PFPeA	263.0 -> 219...	36	3.7737	10.8...	☐	184...	3.7737		☐		☐	13C5-PFPe...	10.8...	316...		☐
PFPES	348.9 -> 79.9	37	2.0687	13.2...	☐	6815	2.0687	41.2	☐		☐	13C3-PFHx...	14.2...	111...	57.8	☐
PFTeDA	712.9 -> 669...	38	2.1100	17.5...	☐	201...	2.1100	13.2	☐		☐	13C2-PFTe...	17.5...	226...		☐
PFTrDA	663.0 -> 619...	39	1.8092	17.2...	☐	138...	1.8092	15.8	☐		☐	13C2-PFTe...	17.5...	226...		☐
PFUnA	563.0 -> 519...	40	1.7870	16.5...	☐	127...	1.7870	28.1	☐		☐	13C7-PFUn...	16.5...	217...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	20.7641	3.975	☐	363...	20.7641		☐		☐	13C3-PFBA	3.977	196...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	8.6774	10.8...	☐	316...	8.6774		☐		☐	13C2-PFHxA	13.0...	316...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	4.9434	13.0...	☐	299...	4.9434	2.5	☐		☐	13C2-PFHxA	13.0...	316...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	5.5522	14.1...	☐	395...	5.5522	11.3	☐		☐	13C2-PFHxA	13.0...	316...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	4.9731	14.9...	☐	304...	4.9731	32.8	☐		☐	13C4-PFOA	14.9...	3334		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.4835	15.5...	☐	111...	2.4835	32.6	☐		☐	13C5-PFNA	15.5...	121...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.2845	16.0...	☐	117...	2.2845		☐		☐	13C2-PFDA	16.0...	129...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.3870	16.5...	☐	217...	2.3870		☐		☐	13C2-PFDA	16.0...	129...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	2.4214	16.8...	☐	160...	2.4214		☐		☐	13C2-PFDA	16.0...	129...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.3975	17.5...	☐	226...	2.3975		☐		☐	13C2-PFDA	16.0...	129...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	4.9842	11.7...	☐	183...	4.9842	45.9	☐		☐	18O2-PFHxS	14.2...	7533		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	5.0635	14.2...	☐	111...	5.0635	57.8	☐		☐	18O2-PFHxS	14.2...	7533		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	4.9048	15.5...	☐	107...	4.9048	61.8	☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	11.8518	12.8...	☐	158...	11.8518	33.5	☐		☐	18O2-PFHxS	14.2...	7533		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	10.3874	14.8...	☐	104...	10.3874	47.0	☐		☐	18O2-PFHxS	14.2...	7533		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	12.0412	16.0...	☐	112...	12.0412	30.3	☐		☐	18O2-PFHxS	14.2...	7533		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.6324	16.1...	☐	198...	5.6324		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	65.8964	17.1...	☐	229...	65.8964		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	5.2652	16.9...	☐	2476	5.2652		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	9.4354	16.2...	☐	8804	9.4354		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	5.1207	17.2...	☐	3197	5.1207		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	10.6835	16.5...	☐	152...	10.6835		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐

Compound Method			SEQ-CCV1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	65.0533	16.9...	☐	222...	65.0533		☐		☐	13C4-PFOS	15.5...	127...	48.6	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	18.1798	13.4...	☐	308...	18.1798	35.1	☐		☐	13C2-PFHxA	13.0...	316...		☐
PFOS (A)	498.9 -> 80.0	3...	1.7889	15.3...	☑	803	1.7889		☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐
PFOS (B)	498.9 -> 80.0	3...	1.9078	15.5...	☐	3242	1.9078		☐		☐	13C8-PFOS...	15.5...	107...	61.8	☐

Compound Method			B414031-BLK1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	0.0002	16.8...	☐	2	0.0002	64.8	☐		☐	13C3-HFPO...	13.3...	376...	31.6	☐
PFHxS (A)	398.9 -> 80.0	2...	0.0238	14.5...	☐	11	0.0238		☐		☐	13C3-PFHx...	14.2...	139...	50.7	☐
3-3 FTCA	241.0 -> 177...	2	0.0447	11.0...	☐	5	0.0447	8.5	☐		☐	13C5-PFPe...	10.7...	362...		☐
4:2 FTS	327.0 -> 306...	3	0.0023	13.3...	☐	4	0.0023	16...	☐		☐	13C2-4:2 FT...	12.8...	176...	37.6	☐
5-3 FTCA	341.0 -> 237...	4	0.0146	14.4...	☐	10	0.0146	33.6	☐		☐	13C5-PFHx...	12.9...	359...	2.7	☐
6:2 FTS	427.0 -> 406...	5	0.0006	15.1...	☐	1	0.0006		☐		☐	13C2-6:2 FT...	14.8...	133...	44.3	☐
7-3 FTCA	441.0 -> 337...	6	0.0107	15.7...	☐	6	0.0107		☐		☐	13C5-PFHx...	12.9...	359...	2.7	☐
8:2 FTS	527.0 -> 507...	7	0.0011	16.5...	☐	1	0.0011	96.1	☐		☐	13C2-8:2 FT...	16.0...	138...	34.2	☐
9Cl-PF3ONS	530.9 -> 350...	8	0.0002	15.5...	☐	2	0.0002		☐		☐	13C3-HFPO...	13.3...	376...	31.6	☐
ADONA	377.0 -> 250...	9	0.0026	14.5...	☐	33	0.0026	26.0	☐		☐	13C3-HFPO...	13.3...	376...	31.6	☐
HPFO-DA	285.0 -> 169...	10	0.0056	13.2...	☐	5	0.0056		☐		☐	13C3-HFPO...	13.3...	376...	31.6	☐
NEtFOSA	526.0 -> 169...	11	0.0518	16.6...	☐	9	0.0518		☐		☐	D5-NEtFOS...	16.4...	611		☐
NEtFOSAA	584.0 -> 419...	12	0.0111	16.5...	☐	16	0.0111	7.9	☐		☐	D5-NEtFOS...	16.4...	219...		☐
NEtFOSE	630.0 -> 59.0	13	0.0815	16.9...	☐	7	0.0815		☐		☐	D9-NEtFOS...	17.1...	4116		☐
NFDHA	201.0 -> 85.0	14	0.0069	13.1...	☐	15	0.0069	79.3	☐		☐	13C5-PFHx...	12.9...	359...	2.7	☐
PFHxS (B)	398.9 -> 80.0	2...	0.0053	14.5...	☐	11	0.0053		☐		☐	13C3-PFHx...	14.2...	139...	50.7	☐
NMeFOSA	512.0 -> 219...	15	0.0182	16.6...	☐	1	0.0182	39...	☐		☐	D3-NMeFO...	16.2...	165		☐
NMeFOSAA	570.0 -> 419...	16	0.1121	16.8...	☐	116	0.1121	0.8	☐		☐	D3-NMeFO...	16.2...	118...		☐
NMeFOSE	616.0 -> 59.0	17	0.0626	16.7...	☐	6	0.0626		☐		☐	D7-NMeFO...	16.9...	4895		☐
PFBA	213.0 -> 168...	18	0.8393	3.812	☐	1636	0.8393		☐		☐	13C4-PFBA...	3.816	412...		☐
PFBS	298.9 -> 80.0	19	0.0016	12.4...	☐	6	0.0016	72.3	☐		☐	13C3-PFBS...	11.7...	202...	49.4	☐
PFDA	513.0 -> 469...	20	0.0154	16.2...	☐	62	0.0154	11.2	☐		☐	13C6-PFDA...	16.0...	141...		☐
PFDoA	613.0 -> 569...	21	0.0021	16.9...	☐	21	0.0021		☐		☐	13C2-PFDo...	16.8...	197...		☐
PFDoS	698.9 -> 99.0	22	0.0045	17.3...	☐	4	0.0045		☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFDS	598.9 -> 80.0	23	0.0015	16.4...	☐	4	0.0015	20...	☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFEESA	314.9 -> 134...	24	0.0002	12.9...	☐	3	0.0002	86...	☐	67...	☐	13C5-PFHx...	12.9...	359...	2.7	☐
PFHpA	362.9 -> 319...	25	0.0886	14.1...	☐	723	0.0886	16.1	☐		☐	13C4-PFHp...	14.1...	454...	10.9	☐
PFHpS	448.9 -> 80.0	26	0.0004	15.4...	☐	1	0.0004		☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFHxA	313.0 -> 268...	27	0.1246	13.0...	☑	977	0.1246	3.3	☐		☐	13C5-PFHx...	12.9...	359...	2.7	☐
PFHxS	398.9 -> 80.0	28	0.0086	14.5...	☐	22	0.0086		☐		☐	13C3-PFHx...	14.2...	139...	50.7	☐
PFMBA	279.0 -> 84.9	29	0.0012	12.4...	☐	6	0.0012	20...	☐		☐	13C5-PFPe...	10.7...	362...		☐
PFMPA	229.0 -> 84.9	30	0.0017	7.260	☐	2	0.0017		☐		☐	13C5-PFPe...	10.7...	362...		☐

Compound Method			B414031-BLK1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	0.0076	15.6...	☐	41	0.0076		☐		☐	13C9-PFNA...	15.5...	133...	28.7	☐
PFNS	548.9 -> 80.0	32	0.0002	16.0...	☐	1	0.0002	25...	☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFOA	413.0 -> 369...	33	0.0821	14.8...	☐	624	0.0821	16.4	☐		☐	13C8-PFOA...	14.8...	352...	33.0	☐
PFOS	498.9 -> 80.0	34	0.0312	15.4...	☑	78	0.0312		☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFOSA	497.9 -> 78.0	35	0.0192	16.1...	☐	79	0.0192	0.3	☐	0.8	☐	13C8-PFOS...	16.1...	211...		☐
PFPeA	263.0 -> 219...	36	0.1999	10.7...	☑	1116	0.1999		☐		☐	13C5-PFPe...	10.7...	362...		☐
PFPES	348.9 -> 79.9	37	0.0005	13.0...	☐	2	0.0005		☐		☐	13C3-PFHx...	14.2...	139...	50.7	☐
PFTeDA	712.9 -> 669...	38	0.0072	17.9...	☐	61	0.0072		☐		☐	13C2-PFTe...	17.5...	199...		☐
PFTrDA	663.0 -> 619...	39	0.0015	17.2...	☐	10	0.0015	9.5	☐		☐	13C2-PFTe...	17.5...	199...		☐
PFUnA	563.0 -> 519...	40	0.0022	16.6...	☐	19	0.0022		☐		☐	13C7-PFUn...	16.4...	272...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	24.1478	3.816	☐	412...	24.1478		☐		☐	13C3-PFBA	3.818	191...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	9.9551	10.7...	☐	362...	9.9551		☐		☐	13C2-PFHxA	12.9...	314...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	5.9635	12.9...	☐	359...	5.9635	2.7	☐		☐	13C2-PFHxA	12.9...	314...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	6.4154	14.1...	☐	454...	6.4154	10.9	☐		☐	13C2-PFHxA	12.9...	314...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	5.8278	14.8...	☐	352...	5.8278	33.0	☐		☐	13C4-PFOA	14.8...	3290		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.6452	15.5...	☐	133...	2.6452	28.7	☐		☐	13C5-PFNA	15.5...	136...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.8246	16.0...	☐	141...	2.8246		☐		☐	13C2-PFDA	16.0...	126...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	3.0656	16.4...	☐	272...	3.0656		☐		☐	13C2-PFDA	16.0...	126...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	3.0459	16.8...	☐	197...	3.0459		☐		☐	13C2-PFDA	16.0...	126...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.1658	17.5...	☐	199...	2.1658		☐		☐	13C2-PFDA	16.0...	126...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	4.9233	11.7...	☐	202...	4.9233	49.4	☐		☐	18O2-PFHxS	14.2...	8405		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	5.6943	14.2...	☐	139...	5.6943	50.7	☐		☐	18O2-PFHxS	14.2...	8405		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	5.5884	15.5...	☐	124...	5.5884	60.9	☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	11.7696	12.8...	☐	176...	11.7696	37.6	☐		☐	18O2-PFHxS	14.2...	8405		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	11.8648	14.8...	☐	133...	11.8648	44.3	☐		☐	18O2-PFHxS	14.2...	8405		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	13.2629	16.0...	☐	138...	13.2629	34.2	☐		☐	18O2-PFHxS	14.2...	8405		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.8695	16.1...	☐	211...	5.8695		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	11.5636	17.1...	☐	4116	11.5636		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	0.3423	16.2...	☑	165	0.3423		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	12.4091	16.2...	☐	118...	12.4091		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	0.9557	16.4...	☑	611	0.9557		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	15.0806	16.4...	☐	219...	15.0806		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐

Compound Method			B414031-BLK1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	13.9545	16.9...	☐	4895	13.9545		☐		☐	13C4-PFOS	15.5...	130...	49.5	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	22.2462	13.3...	☐	376...	22.2462	31.6	☐		☐	13C2-PFHxA	12.9...	314...		☐
PFOS (A)	498.9 -> 80.0	3...	0.0453	15.3...	☑	24	0.0453		☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐
PFOS (B)	498.9 -> 80.0	3...	0.0275	15.5...	☑	55	0.0275		☐		☐	13C8-PFOS...	15.5...	124...	60.9	☐

Compound Method			B414031-BS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	3.3589	16.7...	☐	248...	3.3589	7.6	☐		☐	13C3-HFPO...	13.3...	370...	34.6	☐
PFHxS (A)	398.9 -> 80.0	2...	2.4113	14.0...	☑	1069	2.4113		☐		☐	13C3-PFHx...	14.1...	134...	55.1	☐
3-3 FTCA	241.0 -> 177...	2	6.9502	10.4...	☐	796	6.9502	58.3	☐		☐	13C5-PFPe...	10.7...	373...		☐
4:2 FTS	327.0 -> 306...	3	8.8029	12.8...	☐	165...	8.8029	37.4	☐		☐	13C2-4:2 FT...	12.8...	195...	34.0	☐
5-3 FTCA	341.0 -> 237...	4	35.8601	14.1...	☐	263...	35.8601	91.8	☐		☐	13C5-PFHx...	12.9...	376...	2.0	☐
6:2 FTS	427.0 -> 406...	5	8.4589	14.8...	☐	136...	8.4589	41.2	☐		☐	13C2-6:2 FT...	14.8...	149...	42.0	☐
7-3 FTCA	441.0 -> 337...	6	33.3377	15.6...	☐	204...	33.3377	79.6	☐		☐	13C5-PFHx...	12.9...	376...	2.0	☐
8:2 FTS	527.0 -> 507...	7	7.7910	16.0...	☐	7495	7.7910	89.4	☐		☐	13C2-8:2 FT...	16.0...	140...	31.4	☐
9Cl-PF3ONS	530.9 -> 350...	8	4.0870	15.8...	☐	441...	4.0870	4.3	☐		☐	13C3-HFPO...	13.3...	370...	34.6	☐
ADONA	377.0 -> 250...	9	4.4995	14.2...	☐	550...	4.4995	33.9	☐		☐	13C3-HFPO...	13.3...	370...	34.6	☐
HPFO-DA	285.0 -> 169...	10	4.2254	13.3...	☐	3889	4.2254	36.1	☐		☐	13C3-HFPO...	13.3...	370...	34.6	☐
NEtFOSA	526.0 -> 169...	11	1.5114	16.5...	☑	177	1.5114	24.1	☐	61.7	☐	D5-NEtFOS...	16.4...	413		☐
NEtFOSAA	584.0 -> 419...	12	2.4804	16.5...	☐	3260	2.4804	53.3	☐		☐	D5-NEtFOS...	16.4...	206...		☐
NEtFOSE	630.0 -> 59.0	13	18.7512	17.2...	☐	938	18.7512		☐		☐	D9-NEtFOS...	17.1...	2509		☐
NFDHA	201.0 -> 85.0	14	3.4565	12.7...	☐	7971	3.4565	15.5	☐	51.6	☐	13C5-PFHx...	12.9...	376...	2.0	☐
PFHxS (B)	398.9 -> 80.0	2...	2.1464	14.1...	☐	4298	2.1464		☐		☐	13C3-PFHx...	14.1...	134...	55.1	☐
NMeFOSA	512.0 -> 219...	15	1.1708	16.4...	☑	32	1.1708	19.8	☐		☐	D3-NMeFO...	16.2...	130		☐
NMeFOSAA	570.0 -> 419...	16	1.8117	16.2...	☑	1865	1.8117	39.0	☐		☐	D3-NMeFO...	16.2...	117...		☐
NMeFOSE	616.0 -> 59.0	17	18.5858	16.9...	☐	974	18.5858		☐		☐	D7-NMeFO...	16.9...	2478		☐
PFBA	213.0 -> 168...	18	8.5295	3.796	☐	172...	8.5295		☐		☐	13C4-PFBA...	3.783	426...		☐
PFBS	298.9 -> 80.0	19	2.1239	11.7...	☐	8559	2.1239	44.3	☐		☐	13C3-PFBS...	11.7...	228...	46.5	☐
PFDA	513.0 -> 469...	20	2.1504	16.0...	☐	9347	2.1504	26.1	☐		☐	13C6-PFDA...	16.0...	152...		☐
PFDoA	613.0 -> 569...	21	2.0225	16.8...	☐	177...	2.0225	16.4	☐		☐	13C2-PFDo...	16.8...	170...		☐
PFDoS	698.9 -> 99.0	22	1.2571	17.1...	☐	1288	1.2571	15...	☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFDS	598.9 -> 80.0	23	1.6085	16.4...	☐	4636	1.6085	54.7	☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFEESA	314.9 -> 134...	24	3.8348	12.4...	☐	606...	3.8348	6.5	☐	8.6	☐	13C5-PFHx...	12.9...	376...	2.0	☐
PFHpA	362.9 -> 319...	25	2.2324	14.0...	☐	189...	2.2324	22.5	☐		☐	13C4-PFHp...	14.0...	473...	11.0	☐
PFHpS	448.9 -> 80.0	26	1.8777	14.9...	☐	5899	1.8777	40.2	☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFHxA	313.0 -> 268...	27	1.8777	12.9...	☐	154...	1.8777	5.1	☐		☐	13C5-PFHx...	12.9...	376...	2.0	☐
PFHxS	398.9 -> 80.0	28	2.1944	14.0...	☐	5368	2.1944		☐		☐	13C3-PFHx...	14.1...	134...	55.1	☐
PFMBA	279.0 -> 84.9	29	3.8750	11.6...	☐	183...	3.8750	5.0	☐		☐	13C5-PFPe...	10.7...	373...		☐
PFMPA	229.0 -> 84.9	30	4.2678	7.235	☐	6304	4.2678		☐		☐	13C5-PFPe...	10.7...	373...		☐

Compound Method			B414031-BS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	2.0148	15.5...	☐	105...	2.0148	25.3	☐		☐	13C9-PFNA...	15.5...	131...	32.8	☐
PFNS	548.9 -> 80.0	32	1.7836	16.0...	☐	5954	1.7836	55.5	☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFOA	413.0 -> 369...	33	1.9591	14.8...	☐	158...	1.9591	20.4	☐		☐	13C8-PFOA...	14.8...	376...	29.7	☐
PFOS	498.9 -> 80.0	34	1.8701	15.4...	☑	5159	1.8701		☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFOSA	497.9 -> 78.0	35	2.1985	16.1...	☐	7921	2.1985	0.1	☐	3.0	☐	13C8-PFOS...	16.1...	185...		☐
PFPeA	263.0 -> 219...	36	4.1649	10.7...	☐	239...	4.1649		☐		☐	13C5-PFPe...	10.7...	373...		☐
PFPES	348.9 -> 79.9	37	2.1000	13.2...	☐	8395	2.1000	50.5	☐		☐	13C3-PFHx...	14.1...	134...	55.1	☐
PFTeDA	712.9 -> 669...	38	2.3748	17.5...	☐	189...	2.3748	10.7	☐		☐	13C2-PFTe...	17.5...	189...		☐
PFTrDA	663.0 -> 619...	39	2.0109	17.2...	☐	128...	2.0109	17.5	☐		☐	13C2-PFTe...	17.5...	189...		☐
PFUnA	563.0 -> 519...	40	1.8459	16.4...	☐	166...	1.8459	26.9	☐		☐	13C7-PFUn...	16.4...	275...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	25.2394	3.783	☐	426...	25.2394		☐		☐	13C3-PFBA	3.785	189...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	10.0485	10.7...	☐	373...	10.0485		☐		☐	13C2-PFHxA	12.9...	321...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	6.1106	12.9...	☐	376...	6.1106	2.0	☐		☐	13C2-PFHxA	12.9...	321...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	6.5424	14.0...	☐	473...	6.5424	11.0	☐		☐	13C2-PFHxA	12.9...	321...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	6.0717	14.8...	☐	376...	6.0717	29.7	☐		☐	13C4-PFOA	14.8...	3372		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.8824	15.5...	☐	131...	2.8824	32.8	☐		☐	13C5-PFNA	15.5...	123...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.8742	16.0...	☐	152...	2.8742		☐		☐	13C2-PFDA	16.0...	133...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.9323	16.4...	☐	275...	2.9323		☐		☐	13C2-PFDA	16.0...	133...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	2.4941	16.8...	☐	170...	2.4941		☐		☐	13C2-PFDA	16.0...	133...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	1.9470	17.5...	☐	189...	1.9470		☐		☐	13C2-PFDA	16.0...	133...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	6.2575	11.7...	☐	228...	6.2575	46.5	☐		☐	18O2-PFHxS	14.1...	7460		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	6.2047	14.1...	☐	134...	6.2047	55.1	☐		☐	18O2-PFHxS	14.1...	7460		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	5.7845	15.5...	☐	137...	5.7845	60.9	☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	14.7321	12.8...	☐	195...	14.7321	34.0	☐		☐	18O2-PFHxS	14.1...	7460		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	14.9990	14.8...	☐	149...	14.9990	42.0	☐		☐	18O2-PFHxS	14.1...	7460		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	15.1667	16.0...	☐	140...	15.1667	31.4	☐		☐	18O2-PFHxS	14.1...	7460		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	4.8283	16.1...	☐	185...	4.8283		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	6.6285	17.1...	☐	2509	6.6285		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	0.2529	16.2...	☑	130	0.2529		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	11.5929	16.2...	☐	117...	11.5929		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	0.6077	16.4...	☑	413	0.6077		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	13.2971	16.4...	☐	206...	13.2971		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐

Compound Method			B414031-BS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	6.6432	16.9...	☐	2478	6.6432		☐		☐	13C4-PFOS	15.5...	138...	44.8	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	21.4433	13.3...	☐	370...	21.4433	34.6	☐		☐	13C2-PFHxA	12.9...	321...		☐
PFOS (A)	498.9 -> 80.0	3...	1.5696	15.3...	☑	905	1.5696		☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐
PFOS (B)	498.9 -> 80.0	3...	1.9494	15.5...	☐	4254	1.9494		☐		☐	13C8-PFOS...	15.5...	137...	60.9	☐

Compound Method			B414031-BS2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	0.8136	16.6...	☐	5833	0.8136	7.4	☐		☐	13C3-HFPO...	13.3...	360...	34.2	☐
PFHxS (A)	398.9 -> 80.0	2...	0.5783	13.9...	☑	262	0.5783		☐		☐	13C3-PFHx...	14.2...	137...	50.2	☐
3-3 FTCA	241.0 -> 177...	2	1.6885	10.4...	☐	175	1.6885	33.7	☐		☐	13C5-PFPe...	10.7...	338...		☐
4:2 FTS	327.0 -> 306...	3	2.2173	12.8...	☐	3505	2.2173	37.8	☐		☐	13C2-4:2 FT...	12.8...	164...	36.6	☐
5-3 FTCA	341.0 -> 237...	4	8.8342	14.1...	☐	5728	8.8342	93.2	☐		☐	13C5-PFHx...	12.9...	332...	2.5	☐
6:2 FTS	427.0 -> 406...	5	2.4218	14.8...	☐	3263	2.4218	33.5	☐		☐	13C2-6:2 FT...	14.8...	124...	45.9	☐
7-3 FTCA	441.0 -> 337...	6	8.7667	15.6...	☐	4744	8.7667	81.5	☐		☐	13C5-PFHx...	12.9...	332...	2.5	☐
8:2 FTS	527.0 -> 507...	7	2.1831	16.0...	☐	1874	2.1831	77.7	☐		☐	13C2-8:2 FT...	16.0...	125...	34.0	☐
9Cl-PF3ONS	530.9 -> 350...	8	0.9209	15.8...	☐	9667	0.9209	4.2	☐		☐	13C3-HFPO...	13.3...	360...	34.2	☐
ADONA	377.0 -> 250...	9	1.0594	14.2...	☐	125...	1.0594	33.1	☐		☐	13C3-HFPO...	13.3...	360...	34.2	☐
HPFO-DA	285.0 -> 169...	10	0.9543	13.3...	☐	853	0.9543	26.8	☐		☐	13C3-HFPO...	13.3...	360...	34.2	☐
NEtFOSA	526.0 -> 169...	11	0.1112	16.6...	☑	14	0.1112		☐		☐	D5-NEtFOS...	16.4...	439		☐
NEtFOSAA	584.0 -> 419...	12	0.6604	16.4...	☐	876	0.6604	64.0	☐		☐	D5-NEtFOS...	16.4...	208...		☐
NEtFOSE	630.0 -> 59.0	13	4.6071	17.2...	☐	460	4.6071		☐		☐	D9-NEtFOS...	17.1...	5009		☐
NFDHA	201.0 -> 85.0	14	0.7246	12.7...	☑	1476	0.7246	16.3	☐	45.8	☐	13C5-PFHx...	12.9...	332...	2.5	☐
PFHxS (B)	398.9 -> 80.0	2...	0.5062	14.1...	☐	1037	0.5062		☐		☐	13C3-PFHx...	14.2...	137...	50.2	☐
NMeFOSA	512.0 -> 219...	15	0.5561	16.2...	☑	7	0.5561	10...	☐		☐	D3-NMeFO...	16.2...	56		☐
NMeFOSAA	570.0 -> 419...	16	0.5985	16.2...	☑	526	0.5985	18.8	☐		☐	D3-NMeFO...	16.2...	100...		☐
NMeFOSE	616.0 -> 59.0	17	5.8839	16.9...	☐	583	5.8839		☐		☐	D7-NMeFO...	16.9...	4685		☐
PFBA	213.0 -> 168...	18	2.5705	3.771	☐	4723	2.5705		☐		☐	13C4-PFBA...	3.766	388...		☐
PFBS	298.9 -> 80.0	19	0.5368	11.7...	☐	1918	0.5368	44.5	☐		☐	13C3-PFBS...	11.7...	202...	47.6	☐
PFDA	513.0 -> 469...	20	0.5913	16.0...	☐	2305	0.5913	21.6	☐		☐	13C6-PFDA...	16.0...	136...		☐
PFDoA	613.0 -> 569...	21	0.5210	16.8...	☐	4683	0.5210	16.1	☐		☐	13C2-PFDo...	16.8...	174...		☐
PFDoS	698.9 -> 99.0	22	0.4213	17.1...	☐	391	0.4213	14...	☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFDS	598.9 -> 80.0	23	0.4503	16.4...	☐	1176	0.4503	50.7	☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFEESA	314.9 -> 134...	24	0.9389	12.4...	☐	131...	0.9389	6.5	☐	9.1	☐	13C5-PFHx...	12.9...	332...	2.5	☐
PFHpA	362.9 -> 319...	25	0.6094	14.0...	☐	4676	0.6094	25.2	☐		☐	13C4-PFHp...	14.0...	427...	11.0	☐
PFHpS	448.9 -> 80.0	26	0.4323	14.9...	☐	1231	0.4323	48.1	☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFHxA	313.0 -> 268...	27	0.6009	12.9...	☐	4361	0.6009	4.5	☐		☐	13C5-PFHx...	12.9...	332...	2.5	☐
PFHxS	398.9 -> 80.0	28	0.5193	14.0...	☑	1299	0.5193		☐		☐	13C3-PFHx...	14.2...	137...	50.2	☐
PFMBA	279.0 -> 84.9	29	0.9344	11.6...	☐	4012	0.9344	4.9	☐		☐	13C5-PFPe...	10.7...	338...		☐
PFMPA	229.0 -> 84.9	30	1.0393	7.210	☐	1389	1.0393		☐		☐	13C5-PFPe...	10.7...	338...		☐

Compound Method			B414031-BS2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	0.5462	15.5...	☐	2614	0.5462	31.7	☐		☐	13C9-PFNA...	15.5...	120...	30.6	☐
PFNS	548.9 -> 80.0	32	0.5424	16.0...	☐	1641	0.5424	53.6	☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFOA	413.0 -> 369...	33	0.5095	14.8...	☐	3657	0.5095	21.0	☐		☐	13C8-PFOA...	14.8...	332...	30.3	☐
PFOS	498.9 -> 80.0	34	0.5190	15.4...	☐	1298	0.5190		☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFOSA	497.9 -> 78.0	35	0.5811	16.1...	☐	2126	0.5811	0.7	☐	1.2	☐	13C8-PFOS...	16.1...	188...		☐
PFPeA	263.0 -> 219...	36	1.0640	10.7...	☑	5546	1.0640		☐		☐	13C5-PFPe...	10.7...	338...		☐
PFPES	348.9 -> 79.9	37	0.4391	13.2...	☐	1795	0.4391	47.3	☐		☐	13C3-PFHx...	14.2...	137...	50.2	☐
PFTeDA	712.9 -> 669...	38	0.5443	17.5...	☐	4367	0.5443	12.4	☐		☐	13C2-PFTe...	17.5...	190...		☐
PFTrDA	663.0 -> 619...	39	0.5435	17.2...	☐	3497	0.5435	17.2	☐		☐	13C2-PFTe...	17.5...	190...		☐
PFUnA	563.0 -> 519...	40	0.4710	16.4...	☐	4052	0.4710	32.1	☐		☐	13C7-PFUn...	16.4...	263...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	24.3318	3.766	☐	388...	24.3318		☐		☐	13C3-PFBA	3.760	179...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	9.9914	10.7...	☐	338...	9.9914		☐		☐	13C2-PFHxA	12.9...	292...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	5.9306	12.9...	☐	332...	5.9306	2.5	☐		☐	13C2-PFHxA	12.9...	292...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	6.4877	14.0...	☐	427...	6.4877	11.0	☐		☐	13C2-PFHxA	12.9...	292...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	6.0518	14.8...	☐	332...	6.0518	30.3	☐		☐	13C4-PFOA	14.8...	2993		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.7228	15.5...	☐	120...	2.7228	30.6	☐		☐	13C5-PFNA	15.5...	119...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.6990	16.0...	☐	136...	2.6990		☐		☐	13C2-PFDA	16.0...	127...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.9348	16.4...	☐	263...	2.9348		☐		☐	13C2-PFDA	16.0...	127...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	2.6690	16.8...	☐	174...	2.6690		☐		☐	13C2-PFDA	16.0...	127...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.0507	17.5...	☐	190...	2.0507		☐		☐	13C2-PFDA	16.0...	127...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	5.7065	11.7...	☐	202...	5.7065	47.6	☐		☐	18O2-PFHxS	14.2...	7251		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	6.5270	14.2...	☐	137...	6.5270	50.2	☐		☐	18O2-PFHxS	14.2...	7251		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	5.8924	15.5...	☐	124...	5.8924	54.1	☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	12.7138	12.8...	☐	164...	12.7138	36.6	☐		☐	18O2-PFHxS	14.2...	7251		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	12.9001	14.8...	☐	124...	12.9001	45.9	☐		☐	18O2-PFHxS	14.2...	7251		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	13.9228	16.0...	☐	125...	13.9228	34.0	☐		☐	18O2-PFHxS	14.2...	7251		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.5108	16.1...	☐	188...	5.5108		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	14.8712	17.1...	☐	5009	14.8712		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	0.1234	16.2...	☑	56	0.1234		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	11.1187	16.2...	☐	100...	11.1187		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	0.7251	16.4...	☑	439	0.7251		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	15.0810	16.4...	☐	208...	15.0810		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐

Compound Method			B414031-BS2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	14.1138	16.9...	☐	4685	14.1138		☐		☐	13C4-PFOS	15.5...	123...	47.7	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	22.8765	13.3...	☐	360...	22.8765	34.2	☐		☐	13C2-PFHxA	12.9...	292...		☐
PFOS (A)	498.9 -> 80.0	3...	0.5972	15.3...	☑	312	0.5972		☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐
PFOS (B)	498.9 -> 80.0	3...	0.4984	15.5...	☐	986	0.4984		☐		☐	13C8-PFOS...	15.5...	124...	54.1	☐

Compound Method			B414031-MS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	3.2319	16.6...	☐	255...	3.2319	7.2	☐		☐	13C3-HFPO...	13.3...	397...	34.9	☐
PFHxS (A)	398.9 -> 80.0	2...	2.0713	13.9...	☑	992	2.0713		☐		☐	13C3-PFHx...	14.1...	145...	59.9	☐
3-3 FTCA	241.0 -> 177...	2	10.8123	10.3...	☐	1247	10.8123	54.6	☐		☐	13C5-PFPe...	10.7...	376...		☐
4:2 FTS	327.0 -> 306...	3	8.7735	12.8...	☐	191...	8.7735	37.4	☐		☐	13C2-4:2 FT...	12.8...	227...	36.3	☐
5-3 FTCA	341.0 -> 237...	4	42.3624	14.1...	☐	336...	42.3624	99.9	☐		☐	13C5-PFHx...	12.9...	407...	2.4	☐
6:2 FTS	427.0 -> 406...	5	8.2270	14.8...	☐	166...	8.2270	37.1	☐		☐	13C2-6:2 FT...	14.8...	187...	45.3	☐
7-3 FTCA	441.0 -> 337...	6	39.6664	15.6...	☐	263...	39.6664	87.5	☐		☐	13C5-PFHx...	12.9...	407...	2.4	☐
8:2 FTS	527.0 -> 507...	7	8.0561	16.0...	☐	122...	8.0561	76.0	☐		☐	13C2-8:2 FT...	16.0...	221...	33.1	☐
9Cl-PF3ONS	530.9 -> 350...	8	3.5153	15.8...	☐	406...	3.5153	4.7	☐		☐	13C3-HFPO...	13.3...	397...	34.9	☐
ADONA	377.0 -> 250...	9	4.2599	14.2...	☐	558...	4.2599	35.0	☐		☐	13C3-HFPO...	13.3...	397...	34.9	☐
HPFO-DA	285.0 -> 169...	10	3.8551	13.3...	☐	3799	3.8551	28.9	☐		☐	13C3-HFPO...	13.3...	397...	34.9	☐
NEtFOSA	526.0 -> 169...	11	1.7145	17.2...	☐	582	1.7145	22.3	☐	59.9	☐	D5-NEtFOS...	17.2...	1194		☐
NEtFOSAA	584.0 -> 419...	12	2.5598	16.4...	☐	3933	2.5598	57.1	☐		☐	D5-NEtFOS...	16.4...	240...		☐
NEtFOSE	630.0 -> 59.0	13	19.7780	17.1...	☐	5710	19.7780		☐		☐	D9-NEtFOS...	17.1...	144...		☐
NFDHA	201.0 -> 85.0	14	1.8939	12.7...	☐	4726	1.8939	14.6	☐	59.7	☐	13C5-PFHx...	12.9...	407...	2.4	☐
PFHxS (B)	398.9 -> 80.0	2...	2.1619	14.1...	☐	4676	2.1619		☐		☐	13C3-PFHx...	14.1...	145...	59.9	☐
NMeFOSA	512.0 -> 219...	15	1.7794	16.9...	☐	360	1.7794	14...	☐		☐	D3-NMeFO...	16.9...	963		☐
NMeFOSAA	570.0 -> 419...	16	1.8300	16.2...	☐	2626	1.8300	58.3	☐		☐	D3-NMeFO...	16.2...	164...		☐
NMeFOSE	616.0 -> 59.0	17	19.0838	16.9...	☐	5871	19.0838		☐		☐	D7-NMeFO...	16.9...	145...		☐
PFBA	213.0 -> 168...	18	8.2985	3.754	☐	169...	8.2985		☐		☐	13C4-PFBA...	3.742	430...		☐
PFBS	298.9 -> 80.0	19	2.0905	11.6...	☐	8742	2.0905	43.3	☐		☐	13C3-PFBS...	11.6...	237...	46.5	☐
PFDA	513.0 -> 469...	20	1.9772	16.0...	☐	109...	1.9772	24.2	☐		☐	13C6-PFDA...	16.0...	193...		☐
PFDoA	613.0 -> 569...	21	1.9499	16.8...	☐	245...	1.9499	17.2	☐		☐	13C2-PFDo...	16.8...	243...		☐
PFDoS	698.9 -> 99.0	22	1.7419	17.1...	☐	1844	1.7419	15...	☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFDS	598.9 -> 80.0	23	1.8465	16.4...	☐	5498	1.8465	58.4	☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFEESA	314.9 -> 134...	24	3.6744	12.4...	☐	629...	3.6744	7.0	☐	8.5	☐	13C5-PFHx...	12.9...	407...	2.4	☐
PFHpA	362.9 -> 319...	25	2.2786	14.0...	☐	214...	2.2786	22.2	☐		☐	13C4-PFHp...	14.0...	524...	11.1	☐
PFHpS	448.9 -> 80.0	26	1.9201	14.9...	☐	6232	1.9201	38.3	☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFHxA	313.0 -> 268...	27	1.7870	12.9...	☐	158...	1.7870	5.3	☐		☐	13C5-PFHx...	12.9...	407...	2.4	☐
PFHxS	398.9 -> 80.0	28	2.1455	14.0...	☐	5668	2.1455		☐		☐	13C3-PFHx...	14.1...	145...	59.9	☐
PFMBA	279.0 -> 84.9	29	3.7490	11.6...	☐	179...	3.7490	5.3	☐		☐	13C5-PFPe...	10.7...	376...		☐
PFMPA	229.0 -> 84.9	30	4.1109	7.185	☐	6111	4.1109		☐		☐	13C5-PFPe...	10.7...	376...		☐

Compound Method			B414031-MS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	1.9839	15.5...	☐	123...	1.9839	25.5	☐		☐	13C9-PFNA...	15.5...	156...	31.8	☐
PFNS	548.9 -> 80.0	32	1.8222	16.0...	☐	6284	1.8222	59.2	☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFOA	413.0 -> 369...	33	2.1348	14.8...	☐	185...	2.1348	23.6	☐		☐	13C8-PFOA...	14.8...	403...	31.4	☐
PFOS	498.9 -> 80.0	34	2.2424	15.4...	☐	6391	2.2424		☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFOSA	497.9 -> 78.0	35	2.2341	16.1...	☐	101...	2.2341	0.2	☐	4.0	☐	13C8-PFOS...	16.1...	233...		☐
PFPeA	263.0 -> 219...	36	4.2477	10.7...	☐	246...	4.2477		☐		☐	13C5-PFPe...	10.7...	376...		☐
PFPES	348.9 -> 79.9	37	2.2621	13.2...	☐	9768	2.2621	40.4	☐		☐	13C3-PFHx...	14.1...	145...	59.9	☐
PFTeDA	712.9 -> 669...	38	2.2440	17.5...	☐	259...	2.2440	12.5	☐		☐	13C2-PFTe...	17.5...	274...		☐
PFTrDA	663.0 -> 619...	39	2.2652	17.2...	☐	209...	2.2652	16.4	☐		☐	13C2-PFTe...	17.5...	274...		☐
PFUnA	563.0 -> 519...	40	1.6432	16.4...	☐	157...	1.6432	29.1	☐		☐	13C7-PFUn...	16.4...	292...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	28.1978	3.742	☐	430...	28.1978		☐		☐	13C3-PFBA	3.744	171...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	10.7048	10.7...	☐	376...	10.7048		☐		☐	13C2-PFHxA	12.9...	304...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	6.9993	12.9...	☐	407...	6.9993	2.4	☐		☐	13C2-PFHxA	12.9...	304...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	7.6676	14.0...	☐	524...	7.6676	11.1	☐		☐	13C2-PFHxA	12.9...	304...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	6.5011	14.8...	☐	403...	6.5011	31.4	☐		☐	13C4-PFOA	14.8...	3375		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	3.2383	15.5...	☐	156...	3.2383	31.8	☐		☐	13C5-PFNA	15.5...	130...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	3.3860	16.0...	☐	193...	3.3860		☐		☐	13C2-PFDA	16.0...	143...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.8964	16.4...	☐	292...	2.8964		☐		☐	13C2-PFDA	16.0...	143...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	3.3097	16.8...	☐	243...	3.3097		☐		☐	13C2-PFDA	16.0...	143...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.6154	17.5...	☐	274...	2.6154		☐		☐	13C2-PFDA	16.0...	143...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	6.4347	11.6...	☐	237...	6.4347	46.5	☐		☐	18O2-PFHxS	14.1...	7528		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	6.6418	14.1...	☐	145...	6.6418	59.9	☐		☐	18O2-PFHxS	14.1...	7528		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	6.6192	15.5...	☐	142...	6.6192	58.2	☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	16.9440	12.8...	☐	227...	16.9440	36.3	☐		☐	18O2-PFHxS	14.1...	7528		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	18.6754	14.8...	☐	187...	18.6754	45.3	☐		☐	18O2-PFHxS	14.1...	7528		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	23.7510	16.0...	☐	221...	23.7510	33.1	☐		☐	18O2-PFHxS	14.1...	7528		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	6.7523	16.1...	☐	233...	6.7523		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	42.3819	17.1...	☐	144...	42.3819		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	2.0824	16.9...	☐	963	2.0824		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	17.8987	16.2...	☐	164...	17.8987		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	1.9452	17.2...	☐	1194	1.9452		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	17.2150	16.4...	☐	240...	17.2150		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐

Compound Method			B414031-MS1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	43.1962	16.9...	☐	145...	43.1962		☐		☐	13C4-PFOS	15.5...	125...	47.1	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	24.3014	13.3...	☐	397...	24.3014	34.9	☐		☐	13C2-PFHxA	12.9...	304...		☐
PFOS (A)	498.9 -> 80.0	3...	2.5816	15.3...	☑	1538	2.5816		☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐
PFOS (B)	498.9 -> 80.0	3...	2.1528	15.5...	☐	4853	2.1528		☐		☐	13C8-PFOS...	15.5...	142...	58.2	☐

Compound Method			B414031-MSD1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	3.7665	16.6...	☐	297...	3.7665	6.7	☐		☐	13C3-HFPO...	13.3...	396...	34.0	☐
PFHxS (A)	398.9 -> 80.0	2...	1.8206	13.9...	☑	945	1.8206		☐		☐	13C3-PFHx...	14.1...	157...	57.2	☐
3-3 FTCA	241.0 -> 177...	2	10.0286	10.3...	☐	1192	10.0286	59.9	☐		☐	13C5-PFPe...	10.6...	387...		☐
4:2 FTS	327.0 -> 306...	3	8.6299	12.8...	☐	191...	8.6299	39.2	☐		☐	13C2-4:2 FT...	12.8...	230...	33.4	☐
5-3 FTCA	341.0 -> 237...	4	48.8637	14.1...	☐	386...	48.8637	93.0	☐		☐	13C5-PFHx...	12.9...	405...	2.5	☐
6:2 FTS	427.0 -> 406...	5	8.6120	14.8...	☐	178...	8.6120	37.5	☐		☐	13C2-6:2 FT...	14.8...	192...	42.7	☐
7-3 FTCA	441.0 -> 337...	6	44.1564	15.6...	☐	291...	44.1564	82.3	☐		☐	13C5-PFHx...	12.9...	405...	2.5	☐
8:2 FTS	527.0 -> 507...	7	7.4563	16.0...	☐	110...	7.4563	84.0	☐		☐	13C2-8:2 FT...	16.0...	215...	34.4	☐
9Cl-PF3ONS	530.9 -> 350...	8	3.8735	15.8...	☐	448...	3.8735	4.3	☐		☐	13C3-HFPO...	13.3...	396...	34.0	☐
ADONA	377.0 -> 250...	9	4.5493	14.2...	☐	595...	4.5493	34.5	☐		☐	13C3-HFPO...	13.3...	396...	34.0	☐
HPFO-DA	285.0 -> 169...	10	4.2882	13.3...	☐	4222	4.2882	34.7	☐		☐	13C3-HFPO...	13.3...	396...	34.0	☐
NEtFOSA	526.0 -> 169...	11	1.5056	17.2...	☐	493	1.5056	6.9	☐	87.7	☐	D5-NEtFOS...	17.2...	1153		☐
NEtFOSAA	584.0 -> 419...	12	2.7005	16.4...	☐	3421	2.7005	54.9	☐		☐	D5-NEtFOS...	16.4...	198...		☐
NEtFOSE	630.0 -> 59.0	13	19.2925	17.2...	☐	5687	19.2925		☐		☐	D9-NEtFOS...	17.1...	147...		☐
NFDHA	201.0 -> 85.0	14	2.0869	12.6...	☐	5184	2.0869	14.8	☐	58.5	☐	13C5-PFHx...	12.9...	405...	2.5	☐
PFHxS (B)	398.9 -> 80.0	2...	2.0216	14.1...	☐	4740	2.0216		☐		☐	13C3-PFHx...	14.1...	157...	57.2	☐
NMeFOSA	512.0 -> 219...	15	2.4094	16.9...	☐	511	2.4094	13...	☐		☐	D3-NMeFO...	16.9...	1009		☐
NMeFOSAA	570.0 -> 419...	16	1.9061	16.2...	☐	2914	1.9061	44.5	☐		☐	D3-NMeFO...	16.2...	174...		☐
NMeFOSE	616.0 -> 59.0	17	19.3827	16.9...	☐	5828	19.3827		☐		☐	D7-NMeFO...	16.9...	142...		☐
PFBA	213.0 -> 168...	18	8.2588	3.746	☐	180...	8.2588		☐		☐	13C4-PFBA...	3.733	462...		☐
PFBS	298.9 -> 80.0	19	2.1394	11.6...	☐	9421	2.1394	42.1	☐		☐	13C3-PFBS...	11.6...	249...	47.5	☐
PFDA	513.0 -> 469...	20	2.1746	16.0...	☐	108...	2.1746	26.2	☐		☐	13C6-PFDA...	16.0...	174...		☐
PFDoA	613.0 -> 569...	21	1.9420	16.8...	☐	255...	1.9420	16.5	☐		☐	13C2-PFDo...	16.8...	255...		☐
PFDoS	698.9 -> 99.0	22	1.6740	17.1...	☐	1853	1.6740	15...	☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFDS	598.9 -> 80.0	23	1.7290	16.4...	☐	5386	1.7290	63.3	☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFEESA	314.9 -> 134...	24	3.8303	12.4...	☐	652...	3.8303	7.1	☐	9.2	☐	13C5-PFHx...	12.9...	405...	2.5	☐
PFHpA	362.9 -> 319...	25	2.1990	14.0...	☐	215...	2.1990	21.5	☐		☐	13C4-PFHp...	14.0...	547...	11.0	☐
PFHpS	448.9 -> 80.0	26	1.9269	14.9...	☐	6543	1.9269	41.7	☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFHxA	313.0 -> 268...	27	1.8830	12.9...	☐	166...	1.8830	5.0	☐		☐	13C5-PFHx...	12.9...	405...	2.5	☐
PFHxS	398.9 -> 80.0	28	1.9852	14.0...	☐	5685	1.9852		☐		☐	13C3-PFHx...	14.1...	157...	57.2	☐
PFMBA	279.0 -> 84.9	29	3.8649	11.6...	☐	190...	3.8649	5.4	☐		☐	13C5-PFPe...	10.6...	387...		☐
PFMPA	229.0 -> 84.9	30	4.2670	7.169	☐	6541	4.2670		☐		☐	13C5-PFPe...	10.6...	387...		☐

Compound Method			B414031-MSD1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	2.1946	15.5...	☐	134...	2.1946	24.9	☐		☐	13C9-PFNA...	15.5...	154...	33.1	☐
PFNS	548.9 -> 80.0	32	1.8401	16.0...	☐	6639	1.8401	57.1	☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFOA	413.0 -> 369...	33	2.1170	14.8...	☐	192...	2.1170	25.0	☐		☐	13C8-PFOA...	14.8...	422...	28.8	☐
PFOS	498.9 -> 80.0	34	2.0849	15.4...	☐	6216	2.0849		☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFOSA	497.9 -> 78.0	35	2.2470	16.1...	☐	105...	2.2470	0.6	☐	3.4	☐	13C8-PFOS...	16.1...	240...		☐
PFPeA	263.0 -> 219...	36	4.0801	10.7...	☐	243...	4.0801		☐		☐	13C5-PFPe...	10.6...	387...		☐
PFPES	348.9 -> 79.9	37	2.0463	13.1...	☐	9578	2.0463	45.5	☐		☐	13C3-PFHx...	14.1...	157...	57.2	☐
PFTeDA	712.9 -> 669...	38	2.2358	17.5...	☐	280...	2.2358	11.3	☐		☐	13C2-PFTe...	17.5...	298...		☐
PFTrDA	663.0 -> 619...	39	2.1180	17.2...	☐	213...	2.1180	16.3	☐		☐	13C2-PFTe...	17.5...	298...		☐
PFUnA	563.0 -> 519...	40	2.0627	16.4...	☐	160...	2.0627	24.2	☐		☐	13C7-PFUn...	16.4...	237...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	30.9142	3.733	☐	462...	30.9142		☐		☐	13C3-PFBA	3.744	167...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	11.3837	10.6...	☐	387...	11.3837		☐		☐	13C2-PFHxA	12.9...	294...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	7.1848	12.9...	☐	405...	7.1848	2.5	☐		☐	13C2-PFHxA	12.9...	294...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	8.2464	14.0...	☐	547...	8.2464	11.0	☐		☐	13C2-PFHxA	12.9...	294...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	7.1033	14.8...	☐	422...	7.1033	28.8	☐		☐	13C4-PFOA	14.8...	3237		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	3.7465	15.5...	☐	154...	3.7465	33.1	☐		☐	13C5-PFNA	15.5...	111...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	3.3095	16.0...	☐	174...	3.3095		☐		☐	13C2-PFDA	16.0...	132...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.5422	16.4...	☐	237...	2.5422		☐		☐	13C2-PFDA	16.0...	132...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	3.7536	16.8...	☐	255...	3.7536		☐		☐	13C2-PFDA	16.0...	132...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	3.0815	17.5...	☐	298...	3.0815		☐		☐	13C2-PFDA	16.0...	132...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	6.5009	11.6...	☐	249...	6.5009	47.5	☐		☐	18O2-PFHxS	14.1...	7847		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	6.9072	14.1...	☐	157...	6.9072	57.2	☐		☐	18O2-PFHxS	14.1...	7847		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	7.2732	15.5...	☐	148...	7.2732	60.8	☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	16.5202	12.8...	☐	230...	16.5202	33.4	☐		☐	18O2-PFHxS	14.1...	7847		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	18.3686	14.8...	☐	192...	18.3686	42.7	☐		☐	18O2-PFHxS	14.1...	7847		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	22.2021	16.0...	☐	215...	22.2021	34.4	☐		☐	18O2-PFHxS	14.1...	7847		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	7.2864	16.1...	☐	240...	7.2864		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	45.4507	17.1...	☐	147...	45.4507		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	2.2917	16.9...	☐	1009	2.2917		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	20.0330	16.2...	☐	174...	20.0330		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	1.9736	17.2...	☐	1153	1.9736		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	14.9084	16.4...	☐	198...	14.9084		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐

Compound Method			B414031-MSD1					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	44.3461	16.9...	☐	142...	44.3461		☐		☐	13C4-PFOS	15.5...	119...	45.4	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	25.0393	13.3...	☐	396...	25.0393	34.0	☐		☐	13C2-PFHxA	12.9...	294...		☐
PFOS (A)	498.9 -> 80.0	3...	2.0088	15.3...	☑	1252	2.0088		☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐
PFOS (B)	498.9 -> 80.0	3...	2.1050	15.5...	☐	4964	2.1050		☐		☐	13C8-PFOS...	15.5...	148...	60.8	☐

Compound Method			4032817-01					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	0.0001	16.7...	☐	1	0.0001	10...	☐		☐	13C3-HFPO...	13.3...	347...	33.4	☐
PFHxS (A)	398.9 -> 80.0	2...	0.0124	14.6...	☐	5	0.0124		☐		☐	13C3-PFHx...	14.1...	125...	55.9	☐
3-3 FTCA	241.0 -> 177...	2	0.0198	11.0...	☐	2	0.0198		☐		☐	13C5-PFPe...	10.7...	332...		☐
4:2 FTS	327.0 -> 306...	3	0.0083	13.0...	☐	15	0.0083		☐		☐	13C2-4:2 FT...	12.8...	184...	34.1	☐
5-3 FTCA	341.0 -> 237...	4	0.0822	14.6...	☐	54	0.0822	11.8	☐		☐	13C5-PFHx...	12.9...	336...	2.7	☐
6:2 FTS	427.0 -> 406...	5	0.0148	14.9...	☐	22	0.0148	18.5	☐		☐	13C2-6:2 FT...	14.8...	139...	49.5	☐
7-3 FTCA	441.0 -> 337...	6	0.1153	15.5...	☑	63	0.1153	12.7	☐		☐	13C5-PFHx...	12.9...	336...	2.7	☐
8:2 FTS	527.0 -> 507...	7	0.0015	15.5...	☐	2	0.0015		☐		☐	13C2-8:2 FT...	16.0...	166...	34.9	☐
9Cl-PF3ONS	530.9 -> 350...	8	0.0003	16.3...	☐	3	0.0003		☐		☐	13C3-HFPO...	13.3...	347...	33.4	☐
ADONA	377.0 -> 250...	9	0.0008	14.5...	☐	10	0.0008		☐		☐	13C3-HFPO...	13.3...	347...	33.4	☐
HPFO-DA	285.0 -> 169...	10	0.0164	13.4...	☐	14	0.0164	54.5	☐		☐	13C3-HFPO...	13.3...	347...	33.4	☐
NEtFOSA	526.0 -> 169...	11	0.0463	17.0...	☐	17	0.0463	80.4	☐		☐	D5-NEtFOS...	17.2...	1258		☐
NEtFOSAA	584.0 -> 419...	12	0.0103	16.5...	☐	12	0.0103		☐		☐	D5-NEtFOS...	16.4...	184...		☐
NEtFOSE	630.0 -> 59.0	13	0.0375	16.9...	☐	10	0.0375		☐		☐	D9-NEtFOS...	17.1...	130...		☐
NFDHA	201.0 -> 85.0	14	0.0112	13.3...	☐	23	0.0112	9.8	☐		☐	13C5-PFHx...	12.9...	336...	2.7	☐
PFHxS (B)	398.9 -> 80.0	2...	0.0028	14.6...	☐	5	0.0028		☐		☐	13C3-PFHx...	14.1...	125...	55.9	☐
NMeFOSA	512.0 -> 219...	15	0.1139	16.8...	☐	23	0.1139	41.8	☐		☐	D3-NMeFO...	16.9...	947		☐
NMeFOSAA	570.0 -> 419...	16	0.0142	16.2...	☐	16	0.0142	12...	☐		☐	D3-NMeFO...	16.2...	129...		☐
NMeFOSE	616.0 -> 59.0	17	0.0343	16.7...	☐	9	0.0343		☐		☐	D7-NMeFO...	16.9...	130...		☐
PFBA	213.0 -> 168...	18	0.7692	3.696	☐	1418	0.7692		☐		☐	13C4-PFBA...	3.683	389...		☐
PFBS	298.9 -> 80.0	19	0.0005	12.4...	☐	2	0.0005	90...	☐		☐	13C3-PFBS...	11.6...	206...	45.7	☐
PFDA	513.0 -> 469...	20	0.1271	16.0...	☐	551	0.1271	16.4	☐		☐	13C6-PFDA...	16.0...	151...		☐
PFDoA	613.0 -> 569...	21	0.0690	16.8...	☐	677	0.0690	13.4	☐		☐	13C2-PFDo...	16.8...	190...		☐
PFDoS	698.9 -> 99.0	22	0.0064	17.3...	☐	5	0.0064		☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFDS	598.9 -> 80.0	23	0.0050	16.5...	☐	12	0.0050	65.0	☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFEESA	314.9 -> 134...	24	0.0002	13.1...	☐	3	0.0002		☐		☐	13C5-PFHx...	12.9...	336...	2.7	☐
PFHpA	362.9 -> 319...	25	0.0961	14.0...	☑	747	0.0961	12.4	☐		☐	13C4-PFHp...	14.0...	433...	11.7	☐
PFHpS	448.9 -> 80.0	26	0.0117	15.3...	☐	29	0.0117	4.0	☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFHxA	313.0 -> 268...	27	0.1647	12.9...	☑	1212	0.1647	1.5	☐		☐	13C5-PFHx...	12.9...	336...	2.7	☐
PFHxS	398.9 -> 80.0	28	0.0045	14.6...	☐	10	0.0045		☐		☐	13C3-PFHx...	14.1...	125...	55.9	☐
PFMBA	279.0 -> 84.9	29	0.0005	12.4...	☐	2	0.0005	13...	☐		☐	13C5-PFPe...	10.7...	332...		☐
PFMPA	229.0 -> 84.9	30	0.0002	7.077	☐	0	0.0002		☐		☐	13C5-PFPe...	10.7...	332...		☐

Compound Method			4032817-01					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	0.0906	15.5...	☐	431	0.0906	31.0	☐		☐	13C9-PFNA...	15.4...	119...	32.4	☐
PFNS	548.9 -> 80.0	32	0.0159	16.7...	☐	42	0.0159		☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFOA	413.0 -> 369...	33	0.1709	14.8...	☐	1301	0.1709	24.3	☐		☐	13C8-PFOA...	14.8...	352...	30.6	☐
PFOS	498.9 -> 80.0	34	0.7001	15.4...	☑	1549	0.7001		☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFOSA	497.9 -> 78.0	35	0.0026	15.9...	☐	11	0.0026		☐	6.5	☐	13C8-PFOS...	16.1...	206...		☐
PFPeA	263.0 -> 219...	36	0.2409	10.7...	☑	1234	0.2409		☐		☐	13C5-PFPe...	10.7...	332...		☐
PFPES	348.9 -> 79.9	37	0.0020	13.4...	☐	7	0.0020		☐		☐	13C3-PFHx...	14.1...	125...	55.9	☐
PFTeDA	712.9 -> 669...	38	0.0375	17.5...	☑	329	0.0375	6.8	☐		☐	13C2-PFTe...	17.5...	208...		☐
PFTrDA	663.0 -> 619...	39	0.0748	17.1...	☑	526	0.0748	10.1	☐		☐	13C2-PFTe...	17.5...	208...		☐
PFUnA	563.0 -> 519...	40	0.0888	16.4...	☑	650	0.0888	20.2	☐		☐	13C7-PFUn...	16.4...	223...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	23.2403	3.683	☐	389...	23.2403		☐		☐	13C3-PFBA	3.685	188...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	8.8854	10.7...	☐	332...	8.8854		☐		☐	13C2-PFHxA	12.9...	323...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	5.4426	12.9...	☐	336...	5.4426	2.7	☐		☐	13C2-PFHxA	12.9...	323...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	5.9487	14.0...	☐	433...	5.9487	11.7	☐		☐	13C2-PFHxA	12.9...	323...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	6.4774	14.8...	☐	352...	6.4774	30.6	☐		☐	13C4-PFOA	14.8...	2965		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.5254	15.4...	☐	119...	2.5254	32.4	☐		☐	13C5-PFNA	15.4...	128...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.6016	16.0...	☐	151...	2.6016		☐		☐	13C2-PFDA	16.0...	147...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.1652	16.4...	☐	223...	2.1652		☐		☐	13C2-PFDA	16.0...	147...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	2.5280	16.8...	☐	190...	2.5280		☐		☐	13C2-PFDA	16.0...	147...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	1.9416	17.5...	☐	208...	1.9416		☐		☐	13C2-PFDA	16.0...	147...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	5.5110	11.6...	☐	206...	5.5110	45.7	☐		☐	18O2-PFHxS	14.1...	7648		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	5.6302	14.1...	☐	125...	5.6302	55.9	☐		☐	18O2-PFHxS	14.1...	7648		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	4.8466	15.5...	☐	110...	4.8466	68.6	☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	13.5537	12.8...	☐	184...	13.5537	34.1	☐		☐	18O2-PFHxS	14.1...	7648		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	13.7033	14.8...	☐	139...	13.7033	49.5	☐		☐	18O2-PFHxS	14.1...	7648		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	17.5435	16.0...	☐	166...	17.5435	34.9	☐		☐	18O2-PFHxS	14.1...	7648		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.6322	16.1...	☐	206...	5.6322		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	35.9100	17.1...	☐	130...	35.9100		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	1.9322	16.9...	☐	947	1.9322		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	13.3625	16.2...	☐	129...	13.3625		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	1.9328	17.2...	☐	1258	1.9328		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	12.4451	16.4...	☐	184...	12.4451		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐

Compound Method			4032817-01					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	36.5766	16.9...	☐	130...	36.5766		☐		☐	13C4-PFOS	15.5...	132...	45.2	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	19.9881	13.3...	☐	347...	19.9881	33.4	☐		☐	13C2-PFHxA	12.9...	323...		☐
PFOS (A)	498.9 -> 80.0	3...	0.4300	15.3...	☑	199	0.4300		☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐
PFOS (B)	498.9 -> 80.0	3...	0.7715	15.5...	☐	1350	0.7715		☐		☐	13C8-PFOS...	15.5...	110...	68.6	☐

Compound Method			4032817-02					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	0.0005	16.3...	☐	5	0.0005	28.4	☐		☐	13C3-HFPO...	13.3...	431...	31.1	☐
PFHxS (A)	398.9 -> 80.0	2...	0.0270	13.9...	☑	15	0.0270		☐		☐	13C3-PFHx...	14.1...	164...	55.3	☐
3-3 FTCA	241.0 -> 177...	2	0.0073	11.5...	☐	1	0.0073	19...	☐		☐	13C5-PFPe...	10.7...	422...		☐
4:2 FTS	327.0 -> 306...	3	0.0056	13.3...	☐	13	0.0056		☐		☐	13C2-4:2 FT...	12.8...	244...	38.7	☐
5-3 FTCA	341.0 -> 237...	4	0.0107	14.4...	☐	9	0.0107		☐		☐	13C5-PFHx...	12.9...	426...	2.6	☐
6:2 FTS	427.0 -> 406...	5	0.0015	15.0...	☐	4	0.0015	28...	☐		☐	13C2-6:2 FT...	14.8...	251...	47.3	☐
7-3 FTCA	441.0 -> 337...	6	0.0213	15.6...	☐	15	0.0213		☐		☐	13C5-PFHx...	12.9...	426...	2.6	☐
8:2 FTS	527.0 -> 507...	7	0.0007	16.2...	☐	2	0.0007	76...	☐		☐	13C2-8:2 FT...	15.9...	311...	33.4	☐
9Cl-PF3ONS	530.9 -> 350...	8	0.0011	16.1...	☐	14	0.0011		☐		☐	13C3-HFPO...	13.3...	431...	31.1	☐
ADONA	377.0 -> 250...	9	0.0008	14.5...	☐	12	0.0008	78.1	☐		☐	13C3-HFPO...	13.3...	431...	31.1	☐
HPFO-DA	285.0 -> 169...	10	0.0068	13.3...	☐	7	0.0068	21...	☐		☐	13C3-HFPO...	13.3...	431...	31.1	☐
NEtFOSA	526.0 -> 169...	11	0.0171	16.9...	☐	6	0.0171	16...	☐	22...	☐	D5-NEtFOS...	17.1...	1185		☐
NEtFOSAA	584.0 -> 419...	12	0.0132	16.5...	☐	26	0.0132		☐		☐	D5-NEtFOS...	16.4...	304...		☐
NEtFOSE	630.0 -> 59.0	13	0.0158	17.0...	☐	5	0.0158		☐		☐	D9-NEtFOS...	17.1...	155...		☐
NFDHA	201.0 -> 85.0	14	0.0072	13.2...	☐	19	0.0072	34.3	☐	90.4	☐	13C5-PFHx...	12.9...	426...	2.6	☐
PFHxS (B)	398.9 -> 80.0	2...	0.0301	14.1...	☑	73	0.0301		☐		☐	13C3-PFHx...	14.1...	164...	55.3	☐
NMeFOSA	512.0 -> 219...	15	0.0046	16.7...	☐	1	0.0046	22...	☐		☐	D3-NMeFO...	16.9...	1231		☐
NMeFOSAA	570.0 -> 419...	16	0.0064	16.4...	☐	11	0.0064	7.4	☐		☐	D3-NMeFO...	16.2...	199...		☐
NMeFOSE	616.0 -> 59.0	17	0.1663	16.9...	☐	53	0.1663		☐		☐	D7-NMeFO...	16.9...	149...		☐
PFBA	213.0 -> 168...	18	0.7777	3.712	☐	1774	0.7777		☐		☐	13C4-PFBA...	3.700	482...		☐
PFBS	298.9 -> 80.0	19	0.0009	12.4...	☐	4	0.0009	62...	☐		☐	13C3-PFBS...	11.6...	255...	47.9	☐
PFDA	513.0 -> 469...	20	0.1005	16.0...	☑	588	0.1005	5.8	☐		☐	13C6-PFDA...	16.0...	204...		☐
PFDoA	613.0 -> 569...	21	0.0682	16.8...	☑	951	0.0682	15.8	☐		☐	13C2-PFDo...	16.8...	270...		☐
PFDoS	698.9 -> 99.0	22	0.0114	17.3...	☐	12	0.0114		☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFDS	598.9 -> 80.0	23	0.0011	16.5...	☐	3	0.0011	76.8	☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFEESA	314.9 -> 134...	24	0.0003	13.0...	☐	6	0.0003	21...	☐		☐	13C5-PFHx...	12.9...	426...	2.6	☐
PFHpA	362.9 -> 319...	25	0.1500	14.0...	☐	1545	0.1500	22.9	☐		☐	13C4-PFHp...	14.0...	574...	11.0	☐
PFHpS	448.9 -> 80.0	26	0.0061	15.3...	☐	20	0.0061		☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFHxA	313.0 -> 268...	27	0.1501	12.9...	☐	1399	0.1501	9.6	☐		☐	13C5-PFHx...	12.9...	426...	2.6	☐
PFHxS	398.9 -> 80.0	28	0.0296	14.0...	☐	88	0.0296		☐		☐	13C3-PFHx...	14.1...	164...	55.3	☐
PFMBA	279.0 -> 84.9	29	0.0007	12.3...	☐	4	0.0007	14...	☐		☐	13C5-PFPe...	10.7...	422...		☐
PFMPA	229.0 -> 84.9	30	0.0016	7.185	☐	3	0.0016		☐		☐	13C5-PFPe...	10.7...	422...		☐

Compound Method			4032817-02					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	0.0692	15.4...	☐	487	0.0692	34.8	☐		☐	13C9-PFNA...	15.4...	176...	30.5	☐
PFNS	548.9 -> 80.0	32	0.0475	17.3...	☐	164	0.0475	3.5	☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFOA	413.0 -> 369...	33	0.2315	14.8...	☑	2316	0.2315	26.3	☐		☐	13C8-PFOA...	14.8...	463...	31.1	☐
PFOS	498.9 -> 80.0	34	0.3469	15.4...	☑	987	0.3469		☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFOSA	497.9 -> 78.0	35	0.0334	16.1...	☑	165	0.0334	0.4	☐		☐	13C8-PFOS...	16.1...	253...		☐
PFPeA	263.0 -> 219...	36	0.2993	10.7...	☐	1949	0.2993		☐		☐	13C5-PFPe...	10.7...	422...		☐
PFPES	348.9 -> 79.9	37	0.0021	13.4...	☐	10	0.0021		☐		☐	13C3-PFHx...	14.1...	164...	55.3	☐
PFTeDA	712.9 -> 669...	38	0.0090	17.5...	☐	110	0.0090	55.9	☐		☐	13C2-PFTe...	17.5...	290...		☐
PFTrDA	663.0 -> 619...	39	0.0444	17.1...	☑	435	0.0444	11.2	☐		☐	13C2-PFTe...	17.5...	290...		☐
PFUnA	563.0 -> 519...	40	0.0351	16.4...	☑	353	0.0351	42.8	☐		☐	13C7-PFUn...	16.4...	307...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	30.2834	3.700	☐	482...	30.2834		☐		☐	13C3-PFBA	3.702	178...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	11.5884	10.7...	☐	422...	11.5884		☐		☐	13C2-PFHxA	12.9...	315...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	7.0712	12.9...	☐	426...	7.0712	2.6	☐		☐	13C2-PFHxA	12.9...	315...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	8.0858	14.0...	☐	574...	8.0858	11.0	☐		☐	13C2-PFHxA	12.9...	315...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	6.4555	14.8...	☐	463...	6.4555	31.1	☐		☐	13C4-PFOA	14.8...	3910		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	3.7125	15.4...	☐	176...	3.7125	30.5	☐		☐	13C5-PFNA	15.4...	128...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	3.2269	16.0...	☐	204...	3.2269		☐		☐	13C2-PFDA	16.0...	160...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.7350	16.4...	☐	307...	2.7350		☐		☐	13C2-PFDA	16.0...	160...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	3.2993	16.8...	☐	270...	3.2993		☐		☐	13C2-PFDA	16.0...	160...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.4891	17.5...	☐	290...	2.4891		☐		☐	13C2-PFDA	16.0...	160...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	7.2696	11.6...	☐	255...	7.2696	47.9	☐		☐	18O2-PFHxS	14.1...	7189		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	7.8413	14.1...	☐	164...	7.8413	55.3	☐		☐	18O2-PFHxS	14.1...	7189		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	6.3083	15.5...	☐	141...	6.3083	64.0	☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	19.0980	12.8...	☐	244...	19.0980	38.7	☐		☐	18O2-PFHxS	14.1...	7189		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	26.1986	14.8...	☐	251...	26.1986	47.3	☐		☐	18O2-PFHxS	14.1...	7189		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	34.9257	15.9...	☐	311...	34.9257	33.4	☐		☐	18O2-PFHxS	14.1...	7189		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	6.9937	16.1...	☐	253...	6.9937		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	43.4756	17.1...	☐	155...	43.4756		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	2.5412	16.9...	☐	1231	2.5412		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	20.7541	16.2...	☐	199...	20.7541		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
D5-NEtFOSA (SUR...	531.0 -> 219...	61	1.8429	17.1...	☐	1185	1.8429		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	20.7927	16.4...	☐	304...	20.7927		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐

Compound Method			4032817-02					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D7-NMeFOSE (SU...	623.2 -> 59.0	63	42.4411	16.9...	☐	149...	42.4411		☐		☐	13C4-PFOS	15.5...	131...	47.3	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	25.4399	13.3...	☐	431...	25.4399	31.1	☐		☐	13C2-PFHxA	12.9...	315...		☐
PFOS (A)	498.9 -> 80.0	3...	0.3024	15.3...	☑	180	0.3024		☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐
PFOS (B)	498.9 -> 80.0	3...	0.3587	15.5...	☐	807	0.3587		☐		☐	13C8-PFOS...	15.5...	141...	64.0	☐

Compound Method			SEQ-CCV2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
11Cl-PF3OUdS	630.9 -> 450...	1	3.4138	16.6...	☐	216...	3.4138	6.0	☐		☐	13C3-HFPO...	13.3...	318...	35.1	☐
3-3 FTCA	241.0 -> 177...	2	9.9699	10.3...	☐	917	9.9699	52.6	☐		☐	13C5-PFPe...	10.7...	300...		☐
4:2 FTS	327.0 -> 306...	3	8.5668	12.8...	☐	121...	8.5668	37.6	☐		☐	13C2-4:2 FT...	12.8...	147...	35.4	☐
5-3 FTCA	341.0 -> 237...	4	47.8445	14.1...	☐	278...	47.8445	92.1	☐		☐	13C5-PFHx...	12.9...	298...	2.3	☐
6:2 FTS	427.0 -> 406...	5	7.4226	14.8...	☐	9129	7.4226	37.3	☐		☐	13C2-6:2 FT...	14.7...	113...	36.6	☐
7-3 FTCA	441.0 -> 337...	6	48.7875	15.6...	☐	237...	48.7875	80.1	☐		☐	13C5-PFHx...	12.9...	298...	2.3	☐
8:2 FTS	527.0 -> 507...	7	8.1663	16.0...	☐	6043	8.1663	67.7	☐		☐	13C2-8:2 FT...	16.0...	107...	32.6	☐
9Cl-PF3ONS	530.9 -> 350...	8	3.4246	15.8...	☐	318...	3.4246	4.2	☐		☐	13C3-HFPO...	13.3...	318...	35.1	☐
ADONA	377.0 -> 250...	9	3.8511	14.2...	☐	405...	3.8511	35.0	☐		☐	13C3-HFPO...	13.3...	318...	35.1	☐
HPFO-DA	285.0 -> 169...	10	4.3612	13.3...	☐	3449	4.3612	29.6	☐		☐	13C3-HFPO...	13.3...	318...	35.1	☐
NEtFOSA	526.0 -> 169...	11	1.7439	17.2...	☐	1778	1.7439	11.5	☐	72.1	☐	D5-NEtFOS...	17.2...	3588		☐
NEtFOSAA	584.0 -> 419...	12	1.9299	16.4...	☐	1752	1.9299	67.4	☐		☐	D5-NEtFOS...	16.4...	142...		☐
NEtFOSE	630.0 -> 59.0	13	18.4923	17.1...	☐	8427	18.4923		☐		☐	D9-NEtFOS...	17.1...	228...		☐
NFDHA	201.0 -> 85.0	14	3.5447	12.7...	☐	6487	3.5447	15.2	☐	52.2	☐	13C5-PFHx...	12.9...	298...	2.3	☐
NMeFOSA	512.0 -> 219...	15	1.6744	16.9...	☐	797	1.6744	16...	☐		☐	D3-NMeFO...	16.9...	2262		☐
NMeFOSAA	570.0 -> 419...	16	2.3832	16.2...	☐	2041	2.3832	26.7	☐		☐	D3-NMeFO...	16.2...	9798		☐
NMeFOSE	616.0 -> 59.0	17	18.0914	16.9...	☐	8361	18.0914		☐		☐	D7-NMeFO...	16.9...	218...		☐
PFBA	213.0 -> 168...	18	7.2189	3.812	☐	119...	7.2189		☐		☐	13C4-PFBA...	3.800	350...		☐
PFBS	298.9 -> 80.0	19	1.9472	11.6...	☐	6213	1.9472	43.7	☐		☐	13C3-PFBS...	11.6...	180...	46.3	☐
PFDA	513.0 -> 469...	20	1.8810	16.0...	☐	7158	1.8810	24.4	☐		☐	13C6-PFDA...	16.0...	133...		☐
PFDoA	613.0 -> 569...	21	2.1516	16.8...	☐	154...	2.1516	16.9	☐		☐	13C2-PFDo...	16.8...	139...		☐
PFDoS	698.9 -> 99.0	22	1.7526	17.1...	☐	1397	1.7526	18...	☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFDS	598.9 -> 80.0	23	2.0672	16.4...	☐	4635	2.0672	50.9	☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFEESA	314.9 -> 134...	24	3.6171	12.4...	☐	454...	3.6171	7.3	☐	8.5	☐	13C5-PFHx...	12.9...	298...	2.3	☐
PFHpA	362.9 -> 319...	25	1.8887	14.0...	☐	125...	1.8887	24.1	☐		☐	13C4-PFHp...	14.0...	370...	11.5	☐
PFHpS	448.9 -> 80.0	26	1.8952	14.9...	☐	4632	1.8952	37.3	☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFHxA	313.0 -> 268...	27	1.7839	12.9...	☐	116...	1.7839	3.7	☐		☐	13C5-PFHx...	12.9...	298...	2.3	☐
PFHxS	398.9 -> 80.0	28	2.0015	14.0...	☐	4151	2.0015		☐		☐	13C3-PFHx...	14.1...	114...	51.3	☐
PFHxS (A)	398.9 -> 80.0	2...	1.7550	13.9...	☑	660	1.7550		☐		☐	13C3-PFHx...	14.1...	114...	51.3	☐
PFHxS (B)	398.9 -> 80.0	2...	2.0561	14.1...	☐	3491	2.0561		☐		☐	13C3-PFHx...	14.1...	114...	51.3	☐
PFMBA	279.0 -> 84.9	29	3.6922	11.6...	☐	140...	3.6922	3.9	☐		☐	13C5-PFPe...	10.7...	300...		☐
PFMPA	229.0 -> 84.9	30	4.0836	7.185	☐	4843	4.0836		☐		☐	13C5-PFPe...	10.7...	300...		☐

Compound Method			SEQ-CCV2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
PFNA	463.0 -> 419...	31	2.0198	15.4...	☐	8744	2.0198	25.6	☐		☐	13C9-PFNA...	15.4...	108...	30.4	☐
PFNS	548.9 -> 80.0	32	1.7501	16.0...	☐	4545	1.7501	63.0	☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFOA	413.0 -> 369...	33	1.8782	14.8...	☐	118...	1.8782	21.2	☐		☐	13C8-PFOA...	14.8...	291...	29.8	☐
PFOS	498.9 -> 80.0	34	1.8084	15.4...	☐	3881	1.8084		☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFOS (A)	498.9 -> 80.0	3...	2.0574	15.3...	☑	923	2.0574		☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFOS (B)	498.9 -> 80.0	3...	1.7426	15.5...	☐	2958	1.7426		☐		☐	13C8-PFOS...	15.5...	107...	65.8	☐
PFOSA	497.9 -> 78.0	35	1.9806	16.1...	☐	8405	1.9806	0.3	☐	3.7	☐	13C8-PFOS...	16.1...	218...		☐
PFPeA	263.0 -> 219...	36	3.6924	10.7...	☐	170...	3.6924		☐		☐	13C5-PFPe...	10.7...	300...		☐
PFPES	348.9 -> 79.9	37	1.9331	13.2...	☐	6553	1.9331	43.3	☐		☐	13C3-PFHx...	14.1...	114...	51.3	☐
PFTeDA	712.9 -> 669...	38	1.9943	17.5...	☐	207...	1.9943	12.3	☐		☐	13C2-PFTe...	17.5...	247...		☐
PFTrDA	663.0 -> 619...	39	1.7900	17.1...	☐	149...	1.7900	14.9	☐		☐	13C2-PFTe...	17.5...	247...		☐
PFUnA	563.0 -> 519...	40	1.8285	16.4...	☐	125...	1.8285	28.3	☐		☐	13C7-PFUn...	16.4...	210...		☐
13C4-PFBA (SURR)	217.0 -> 172...	41	20.8930	3.800	☐	350...	20.8930		☐		☐	13C3-PFBA	3.794	188...		☐
13C5-PFPeA (SUR...	268.0 -> 223...	42	8.2745	10.7...	☐	300...	8.2745		☐		☐	13C2-PFHxA	12.9...	313...		☐
13C5-PFHxA (SUR...	318.0 -> 273...	43	4.9730	12.9...	☐	298...	4.9730	2.3	☐		☐	13C2-PFHxA	12.9...	313...		☐
13C4-PFHpA (SUR...	367.0 -> 322...	44	5.2461	14.0...	☐	370...	5.2461	11.5	☐		☐	13C2-PFHxA	12.9...	313...		☐
13C8-PFOA (SURR)	421.0 -> 376...	45	5.1825	14.8...	☐	291...	5.1825	29.8	☐		☐	13C4-PFOA	14.8...	3063		☐
13C9-PFNA (SURR)	472.0 -> 427...	46	2.5555	15.4...	☐	108...	2.5555	30.4	☐		☐	13C5-PFNA	15.4...	115...		☐
13C6-PFDA (SURR)	519.0 -> 474...	47	2.4280	16.0...	☐	133...	2.4280		☐		☐	13C2-PFDA	16.0...	138...		☐
13C7-PFUnA (SUR...	570.0 -> 525...	48	2.1609	16.4...	☐	210...	2.1609		☐		☐	13C2-PFDA	16.0...	138...		☐
13C2-PFDoA (SUR...	615.0 -> 570...	49	1.9657	16.8...	☐	139...	1.9657		☐		☐	13C2-PFDA	16.0...	138...		☐
13C2-PFTeDA (SU...	715.0 -> 670...	50	2.4520	17.5...	☐	247...	2.4520		☐		☐	13C2-PFDA	16.0...	138...		☐
13C3-PFBS (SURR)	302.0 -> 80.0	51	4.8928	11.6...	☐	180...	4.8928	46.3	☐		☐	18O2-PFHxS	14.1...	7554		☐
13C3-PFHxS (SUR...	402.0 -> 80.0	52	5.1964	14.1...	☐	114...	5.1964	51.3	☐		☐	18O2-PFHxS	14.1...	7554		☐
13C8-PFOS (SURR)	507.0 -> 80.0	53	4.6548	15.5...	☐	107...	4.6548	65.8	☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
13C2-4:2 FTS (SUR...	329.0 -> 309...	54	10.9479	12.8...	☐	147...	10.9479	35.4	☐		☐	18O2-PFHxS	14.1...	7554		☐
13C2-6:2 FTS (SUR...	429.0 -> 409...	55	11.3045	14.7...	☐	113...	11.3045	36.6	☐		☐	18O2-PFHxS	14.1...	7554		☐
13C2-8:2 FTS (SUR...	529.0 -> 509...	56	11.5218	16.0...	☐	107...	11.5218	32.6	☐		☐	18O2-PFHxS	14.1...	7554		☐
13C8-PFOSA (SUR...	506.0 -> 78.0	57	5.8825	16.1...	☐	218...	5.8825		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
D9-NEtFOSE (SUR...	639.2 -> 59.0	58	62.4774	17.1...	☐	228...	62.4774		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
D3-NMeFOSA (SU...	515.0 -> 219...	59	4.5691	16.9...	☐	2262	4.5691		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
D3-NMeFOSAA (S...	573.2 -> 419...	60	9.9744	16.2...	☐	9798	9.9744		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐

Compound Method			SEQ-CCV2					Qualifi...		Qualifi...		ISTD Method	ISTD Results		ISTD Q...	
Name	Transition	User Defined	Calc. Conc.	RT	MI	Resp.	Final Conc.	Ratio	MI	Ratio	MI	Name	RT	Resp.	Ratio	MI
D5-NEtFOSA (SUR...	531.0 -> 219...	61	5.4582	17.2...	☐	3588	5.4582		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
D5-NEtFOSAA (SU...	589.2 -> 419...	62	9.4992	16.4...	☐	142...	9.4992		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
D7-NMeFOSE (SU...	623.2 -> 59.0	63	60.5998	16.9...	☐	218...	60.5998		☐		☐	13C4-PFOS	15.5...	134...	48.8	☐
13C3-HFPO-DA (S...	287.0 -> 169...	64	18.8967	13.3...	☐	318...	18.8967	35.1	☐		☐	13C2-PFHxA	12.9...	313...		☐

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

Herbicides
EPA 8151A

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QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	HP ECD HC

	DCAA (1) (36.3% -	DCAA (2) (26.7% -
4032817-01	84	80
4032817-02	86	78
B414014-BLK1	89	82
B414014-BS1	92	87
B414014-MS1	85	85
B414014-MSD1	93	93

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	HP ECD HC

	DCAA (1) (19.3% -	DCAA (2) (14% - 134%)
4032817-10	43	39
B414056-BLK1	45	39
B414056-BS1	48	42
B414056-BSD1	46	43

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8151A
Batch:	B414014	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414014-MS1
Column:	1	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex)	84.6	ND	64.8	77	26.1 - 132

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
2,4,5-TP (Silvex)	84.6	70.8	84	9	20	26.1 - 132

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8151A
Batch:	B414014	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B414014-MS1
Column:	2	Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex) [2C]	84.6	ND	68.1	80	33.6 - 111

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
2,4,5-TP (Silvex) [2C]	84.6	73.9	87	8	20	33.6 - 111

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414014	Laboratory ID:	B414014-BS1
Column:	1	Initial/Final:	15 g / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex)	66.7	55.1	83	37 - 122

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B414014	Laboratory ID:	B414014-BS1
Column:	2	Initial/Final:	15 g / 10 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex) [2C]	66.7	54.6	82	30.4 - 116

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 3510 C
Batch:	B414056	Laboratory ID:	B414056-BS1
Column:	1	Initial/Final:	500 mL / 5 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex)	1.00	0.490	49	38.8 - 130

ANALYTE	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2,4,5-TP (Silvex)	1.00	0.494	49	1	20	38.8 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 3510 C
Batch:	B414056	Laboratory ID:	B414056-BS1
Column:	2	Initial/Final:	500 mL / 5 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
2,4,5-TP (Silvex) [2C]	1.00	0.448	45	23.7 - 127

ANALYTE	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
2,4,5-TP (Silvex) [2C]	1.00	0.435	44	3	20	23.7 - 127

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4 - FORM IV
METHOD BLANK SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414014-BLK1	Batch:	B414014

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414014-MSD1	B414014-MSD1.D	11:10
Matrix Spike	B414014-MS1	B414014-MS1.D	10:55
LCS	B414014-BS1	B414014-BS1.D	10:39
Stockpile B - Comp	4032817-02	4032817-02.D	11:42
Stockpile A - Comp	4032817-01	4032817-01.D	11:26

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NYSDOH ELAP# 11693
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4 - FORM IV
METHOD BLANK SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414056-BLK1	Batch:	B414056

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B414056-BSD1	B414056-BSD1.D	10:36
LCS	B414056-BS1	B414056-BS1.D	10:20
Equipment Blank	4032817-10	4032817-10.D	10:52

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414021	Instrument:	HP ECD HC
		Calibration:	L406006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414021-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/02/24 09:52*			
4,4-Dibromooctafluorobiphenyl	48831820	6.212	4.697435E+07	6.208	104	50 - 200	0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	131122700	6.331	1.002536E+08	6.33	131	50 - 200	0.0010	+/-0.50	
Calibration Check (S414021-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/02/24 10:08*			
4,4-Dibromooctafluorobiphenyl	47812330	6.211	4.697435E+07	6.208	102	50 - 200	0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	123442500	6.33	1.002536E+08	6.33	123	50 - 200	0.0000	+/-0.50	
Blank (B414014-BLK1)			*Lab File ID: B414014-BLK1.D*			*Analyzed: 04/02/24 10:23*			
4,4-Dibromooctafluorobiphenyl	44006230	6.21	47812330	6.211	92	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	117386500	6.33	123442500	6.33	95	50 - 200	0.0000	+/-0.50	
LCS (B414014-BS1)			*Lab File ID: B414014-BS1.D*			*Analyzed: 04/02/24 10:39*			
4,4-Dibromooctafluorobiphenyl	43417240	6.209	47812330	6.211	91	50 - 200	-0.0020	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	108109600	6.328	123442500	6.33	88	50 - 200	-0.0020	+/-0.50	
Matrix Spike (B414014-MS1)			*Lab File ID: B414014-MS1.D*			*Analyzed: 04/02/24 10:55*			
4,4-Dibromooctafluorobiphenyl	47510190	6.207	47812330	6.211	99	50 - 200	-0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	112510600	6.327	123442500	6.33	91	50 - 200	-0.0030	+/-0.50	
Matrix Spike Dup (B414014-MSD1)			*Lab File ID: B414014-MSD1.D*			*Analyzed: 04/02/24 11:10*			
4,4-Dibromooctafluorobiphenyl	42686620	6.208	47812330	6.211	89	50 - 200	-0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	102661500	6.328	123442500	6.33	83	50 - 200	-0.0020	+/-0.50	
Instrument Blank (S414034-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/03/24 09:33*			
4,4-Dibromooctafluorobiphenyl	53672900	6.212	4.697435E+07	6.208	114	50 - 200	0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	147836400	6.331	1.002536E+08	6.33	147	50 - 200	0.0010	+/-0.50	
Calibration Check (S414034-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/03/24 09:49*			
4,4-Dibromooctafluorobiphenyl	54423520	6.211	4.697435E+07	6.208	116	50 - 200	0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	143934300	6.329	1.002536E+08	6.33	144	50 - 200	-0.0010	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414034	Instrument:	HP ECD HC
		Calibration:	L406006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B414056-BLK1)			*Lab File ID: B414056-BLK1.D*			*Analyzed: 04/03/24 10:04*			
4,4-Dibromooctafluorobiphenyl	43504010	6.21	54423520	6.211	80	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	122341500	6.329	143934300	6.329	85	50 - 200	0.0000	+/-0.50	
LCS (B414056-BS1)			*Lab File ID: B414056-BS1.D*			*Analyzed: 04/03/24 10:20*			
4,4-Dibromooctafluorobiphenyl	40194380	6.21	54423520	6.211	74	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	110441900	6.33	143934300	6.329	77	50 - 200	0.0010	+/-0.50	
LCS Dup (B414056-BSD1)			*Lab File ID: B414056-BSD1.D*			*Analyzed: 04/03/24 10:36*			
4,4-Dibromooctafluorobiphenyl	42341790	6.208	54423520	6.211	78	50 - 200	-0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	111286600	6.328	143934300	6.329	77	50 - 200	-0.0010	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 04/03/24 10:52*			
4,4-Dibromooctafluorobiphenyl	44915700	6.209	54423520	6.211	83	50 - 200	-0.0020	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	124407900	6.329	143934300	6.329	86	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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CTDOH# PH-0284
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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414021	Instrument:	HP ECD HC
		Calibration:	L406006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414021-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/02/24 09:52*			
4,4-Dibromooctafluorobiphenyl	48831820	6.212	4.697435E+07	6.208	104	50 - 200	0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	131122700	6.331	1.002536E+08	6.33	131	50 - 200	0.0010	+/-0.50	
Calibration Check (S414021-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/02/24 10:08*			
4,4-Dibromooctafluorobiphenyl	47812330	6.211	4.697435E+07	6.208	102	50 - 200	0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	123442500	6.33	1.002536E+08	6.33	123	50 - 200	0.0000	+/-0.50	
Blank (B414014-BLK1)			*Lab File ID: B414014-BLK1.D*			*Analyzed: 04/02/24 10:23*			
4,4-Dibromooctafluorobiphenyl	44006230	6.21	47812330	6.211	92	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	117386500	6.33	123442500	6.33	95	50 - 200	0.0000	+/-0.50	
LCS (B414014-BS1)			*Lab File ID: B414014-BS1.D*			*Analyzed: 04/02/24 10:39*			
4,4-Dibromooctafluorobiphenyl	43417240	6.209	47812330	6.211	91	50 - 200	-0.0020	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	108109600	6.328	123442500	6.33	88	50 - 200	-0.0020	+/-0.50	
Matrix Spike (B414014-MS1)			*Lab File ID: B414014-MS1.D*			*Analyzed: 04/02/24 10:55*			
4,4-Dibromooctafluorobiphenyl	47510190	6.207	47812330	6.211	99	50 - 200	-0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	112510600	6.327	123442500	6.33	91	50 - 200	-0.0030	+/-0.50	
Matrix Spike Dup (B414014-MSD1)			*Lab File ID: B414014-MSD1.D*			*Analyzed: 04/02/24 11:10*			
4,4-Dibromooctafluorobiphenyl	42686620	6.208	47812330	6.211	89	50 - 200	-0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	102661500	6.328	123442500	6.33	83	50 - 200	-0.0020	+/-0.50	
Instrument Blank (S414034-IBL1)			*Lab File ID: SEQ-IBL1.D*			*Analyzed: 04/03/24 09:33*			
4,4-Dibromooctafluorobiphenyl	53672900	6.212	4.697435E+07	6.208	114	50 - 200	0.0040	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	147836400	6.331	1.002536E+08	6.33	147	50 - 200	0.0010	+/-0.50	
Calibration Check (S414034-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/03/24 09:49*			
4,4-Dibromooctafluorobiphenyl	54423520	6.211	4.697435E+07	6.208	116	50 - 200	0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	143934300	6.329	1.002536E+08	6.33	144	50 - 200	-0.0010	+/-0.50	

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414034	Instrument:	HP ECD HC
		Calibration:	L406006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B414056-BLK1)			*Lab File ID: B414056-BLK1.D*			*Analyzed: 04/03/24 10:04*			
4,4-Dibromooctafluorobiphenyl	43504010	6.21	54423520	6.211	80	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	122341500	6.329	143934300	6.329	85	50 - 200	0.0000	+/-0.50	
LCS (B414056-BS1)			*Lab File ID: B414056-BS1.D*			*Analyzed: 04/03/24 10:20*			
4,4-Dibromooctafluorobiphenyl	40194380	6.21	54423520	6.211	74	50 - 200	-0.0010	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	110441900	6.33	143934300	6.329	77	50 - 200	0.0010	+/-0.50	
LCS Dup (B414056-BSD1)			*Lab File ID: B414056-BSD1.D*			*Analyzed: 04/03/24 10:36*			
4,4-Dibromooctafluorobiphenyl	42341790	6.208	54423520	6.211	78	50 - 200	-0.0030	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	111286600	6.328	143934300	6.329	77	50 - 200	-0.0010	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 04/03/24 10:52*			
4,4-Dibromooctafluorobiphenyl	44915700	6.209	54423520	6.211	83	50 - 200	-0.0020	+/-0.50	
4,4-Dibromooctafluorobiphenyl [2C	124407900	6.329	143934300	6.329	86	50 - 200	0.0000	+/-0.50	

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	4032817-01.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:05	Analyzed:	04/02/24 11:26
Solids:	80.89	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex)	31	U

* Values outside of QC limits

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1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	4032817-02.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 09:05	Analyzed:	04/02/24 11:42
Solids:	78.76	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex)	32	U

* Values outside of QC limits

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1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	4032817-10.D
Sampled:	03/28/24 00:00	Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:52
Solids:		Preparation:	EPA 3510 C	Dilution:	1
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex)	1	U

* Values outside of QC limits

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L406006	Instrument:	HP ECD HC
		Calibration Date:	2/5/2024 5:08:28PM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
2,4-Dichlorophenylacetic Acid	~~12.09819~~	~~11.68074~~	~~10.70893~~	~~10.5489~~	~~10.27941~~	~~10.14755~~
2,4,5-TP (Silvex)	~~70.76372~~	~~70.13175~~	~~70.64292~~	~~68.62809~~	~~67.65914~~	~~68.41398~~
2,4-Dichlorophenylacetic Acid [2C]	~~12.11005~~	~~11.67565~~	~~10.63107~~	~~10.66848~~	~~10.38266~~	~~10.2918~~
2,4,5-TP (Silvex) [2C]	~~67.97402~~	~~65.80996~~	~~70.05342~~	~~69.59396~~	~~67.17138~~	~~68.70743~~

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L406006	Instrument:	HP ECD HC
		Calibration Date:	2/5/2024 5:08:28PM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
2,4-Dichlorophenylacetic Acid	~~9.86631~~	9.739568				
2,4,5-TP (Silvex)	~~66.91906~~	66.7321				
2,4-Dichlorophenylacetic Acid [2C]	~~9.984358~~	10.02484				
2,4,5-TP (Silvex) [2C]	~~66.92653~~	67.1901				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L406006	Instrument:	HP ECD HC
		Calibration Date:	2/5/2024 5:08:28PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
2,4-Dichlorophenylacetic Acid					CCC ()	
2,4,5-TP (Silvex)					CCC ()	
2,4-Dichlorophenylacetic Acid [2C]					CCC ()	
2,4,5-TP (Silvex) [2C]					CCC ()	

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INITIAL CALIBRATION STANDARDS

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S405114	Instrument:	HP ECD HC
Calibration:	L406006		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2400681	8151A 25 ppb Calibration Standard	S405114-CAL1	SEQ-CAL1.D	02/01/24 16:59
2400682	8151A 50 ppb Calibration Standard	S405114-CAL2	SEQ-CAL2.D	02/01/24 17:15
2400683	8151A 100 ppb Calibration Standard	S405114-CAL3	SEQ-CAL3.D	02/01/24 17:31
2400684	8151A 200 ppb Calibration Standard	S405114-CAL4	SEQ-CAL4.D	02/01/24 17:46
2400685	8151A 300 ppb Calibration Standard	S405114-CAL5	SEQ-CAL5.D	02/01/24 18:02
2400686	8151A 400 ppb Calibration Standard	S405114-CAL6	SEQ-CAL6.D	02/01/24 18:18
2400687	8151A 500 ppb Calibration Standard	S405114-CAL7	SEQ-CAL7.D	02/01/24 18:34
2400688	8151A 600 ppb Calibration Standard	S405114-CAL8	SEQ-CAL8.D	02/01/24 18:49

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PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HC	Calibration:	L406006
Lab File ID:	SEQ-CCV1.D	Calibration Date:	02/05/24 17:08
Sequence:	S414021	Injection Date:	04/02/24
Lab Sample ID:	S414021-CCV1	Injection Time:	10:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2,4,5-TP (Silvex)	A	200	213		72.30834			20
2,4,5-TP (Silvex) [2C]	A	200	201		68.4328			20
2,4-Dichlorophenylacetic Acid	A	200	226		12.60609			20
2,4-Dichlorophenylacetic Acid [2C]	A	200	209		11.72312			20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8151A

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	HP ECD HC	Calibration:	L406006
Lab File ID:	SEQ-CCV1.D	Calibration Date:	02/05/24 17:08
Sequence:	S414034	Injection Date:	04/03/24
Lab Sample ID:	S414034-CCV1	Injection Time:	09:49

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2,4,5-TP (Silvex)	A	200	211		71.87903			20
2,4,5-TP (Silvex) [2C]	A	200	206		69.84497			20
2,4-Dichlorophenylacetic Acid	A	200	218		12.20971			20
2,4-Dichlorophenylacetic Acid [2C]	A	200	208		11.68007			20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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QC DATA

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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-BLK1	File ID:	B414014-BLK1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:23
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
93-72-1	2,4,5-TP (Silvex)	25	U

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-BLK1	File ID:	B414014-BLK1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:23
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	25	U

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-BS1	File ID:	B414014-BS1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:39
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
93-72-1	2,4,5-TP (Silvex)	55.1	

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-BS1	File ID:	B414014-BS1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:39
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	54.6	

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414014-MS1	File ID:	B414014-MS1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:55
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Column:	1				

Instrument: HP ECD HC

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex)	64.8	

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414014-MS1	File ID:	B414014-MS1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 10:55
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Column:	2				

Instrument: HP ECD HC

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	68.1	

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-MSD1	File ID:	B414014-MSD1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 11:10
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex)	70.8	

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414014-MSD1	File ID:	B414014-MSD1.D
Sampled:		Prepared:	04/01/24 09:05	Analyzed:	04/02/24 11:10
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B414014	Sequence:	S414021	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	73.9	

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BLK1	File ID:	B414056-BLK1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:04
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex)	1	U

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BLK1	File ID:	B414056-BLK1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:04
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	1	U

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BS1	File ID:	B414056-BS1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:20
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex)	1	U

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BS1	File ID:	B414056-BS1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:20
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	0.448	U

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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BSD1	File ID:	B414056-BSD1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:36
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex)	1	U

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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414056-BSD1	File ID:	B414056-BSD1.D
Sampled:		Prepared:	04/02/24 09:10	Analyzed:	04/03/24 10:36
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414056	Sequence:	S414034	Calibration:	L406006
Instrument:	HP ECD HC				
Column:	2				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
93-72-1	2,4,5-TP (Silvex) [2C]	0.435	U

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PREPARATION BENCH SHEET

Printed: 4/1/2024 9:07:40AM

Analysis
NYC Part 375 (Herbicides)

B414014

Long Island Analytical Laboratories, Inc.

Prepared using: EPA 3545 A

Surrogate Solution
2401151 8151A Surr Acid 100 PPM

Spiking Solution
2401115 8151A 10PPM Spk Working

Matrix: Soil

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (g)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414014-BLK1	Blank			04/01/2024 09:06	15	10		50	
B414014-BS1	LCS			04/01/2024 09:06	15	10	100	50	
B414014-MS1	Matrix Spike [4032817-02]			04/01/2024 09:06	15	10	100	50	
B414014-MSD1	Matrix Spike Dup [4032817-02]			04/01/2024 09:06	15	10	100	50	
4032817-01	Stockpile A - Comp	04/03/202	04/11/202	04/01/2024 09:06	15	10		50	48 Hr Rush - Cat B!!!
4032817-02	Stockpile B - Comp	04/03/202	04/11/202	04/01/2024 09:06	15	10		50	Use this as MS/MSD 48 Hr Rush - Cat B!!!
4032912-01	Stockpile Comp 1-5	04/05/202	04/11/202	04/01/2024 09:06	15	10		50	

S 4/4/24

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2103928	2-(2-Ethoxyethoxy)ethanol	n/a
2104847	Diazald 99%	SHBM4412
2105149	Copper, Granular	123090BO
2105339	Potassium Hydroxide, 40% w/v Aq.	
2201001	Ethyl Ether w/BHT	L1950
2201186	Sodium Chloride, Crystal	21J055201
2201900	Silica Gel	22D0161005
2202162	Sulfuric Acid, Concentrated	22D0862014
2302461	Sodium Sulfate Anhydrous	2022112895
2400220	Methanol, Purge & Trap	63019
2400673	Baked Blank Sand	N/A
2401627	Hexanes (95% n-hexane)	EB352-US

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 9:52 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 0 (Sig #1); 99 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:36 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.212	6.331	48831816	131.1E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.212	6.331	48831816	131.1E6	25.000	25.000
2) S DCAA	0.000	0.000	0	0	N.D.	N.D.
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

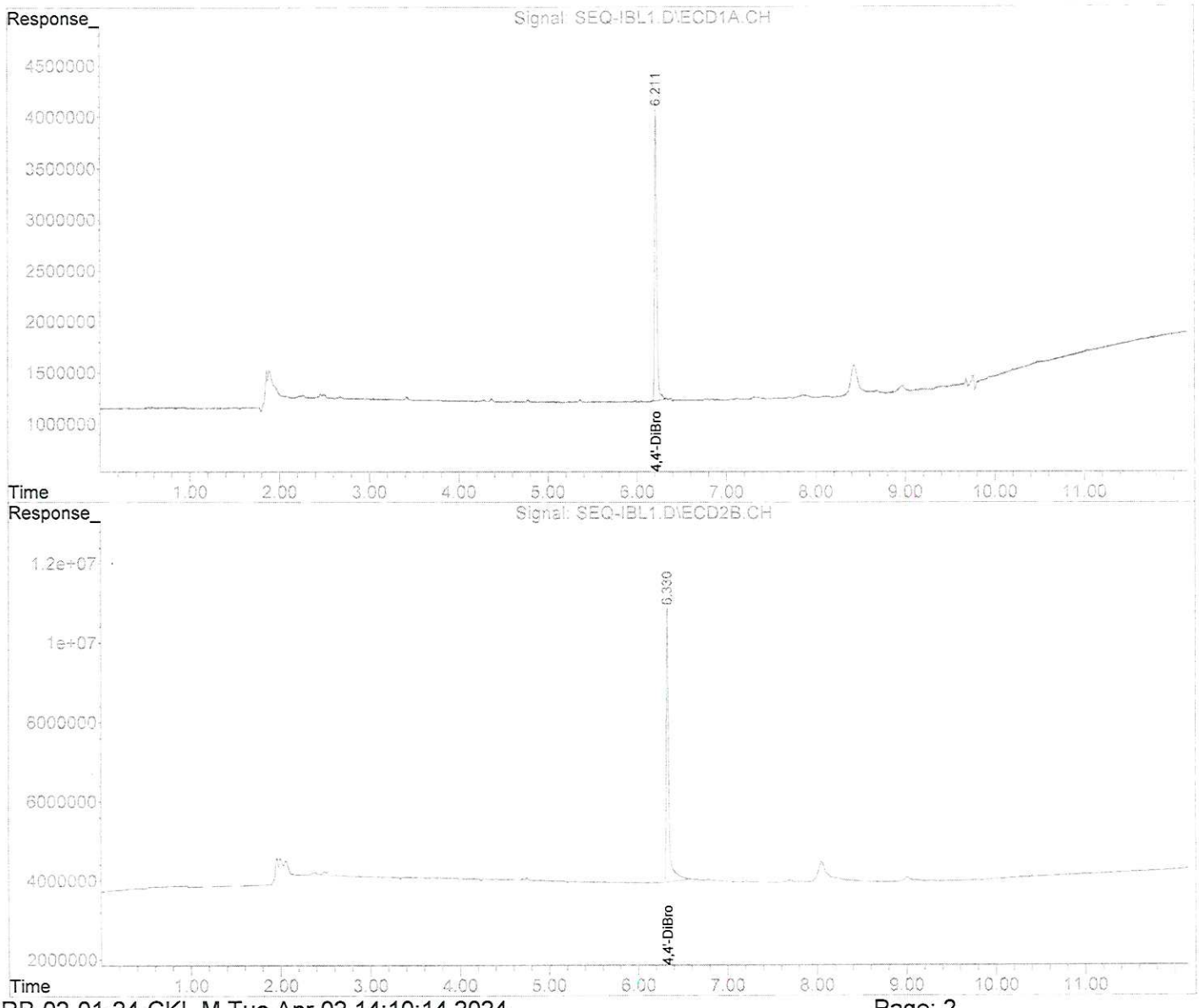
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 9:52 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 0 (Sig #1); 99 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:36 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:08 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 0 (Sig #1); 100 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:31 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.211	6.330	47812330	123.4E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.211	6.330	47812330	123.4E6	25.000	25.000
2) S DCAA	4.940	5.449	48218127	115.8E6	225.735	208.573
Target Compounds						
3) T Dicamba	5.098	5.608	171.5E6	457.3E6	218.933	209.344
4) T 2,4-D	5.828	6.375	58242280	151.1E6	217.280	203.101
5) T 2,4,5-TP	6.460	6.991	276.6E6	675.8E6	212.691	201.406
6) T 2,4,5-T	6.663	7.266	257.0E6	632.6E6	213.543	201.085
SemiQuant Compounds - Not Calibrated on this Instrument						

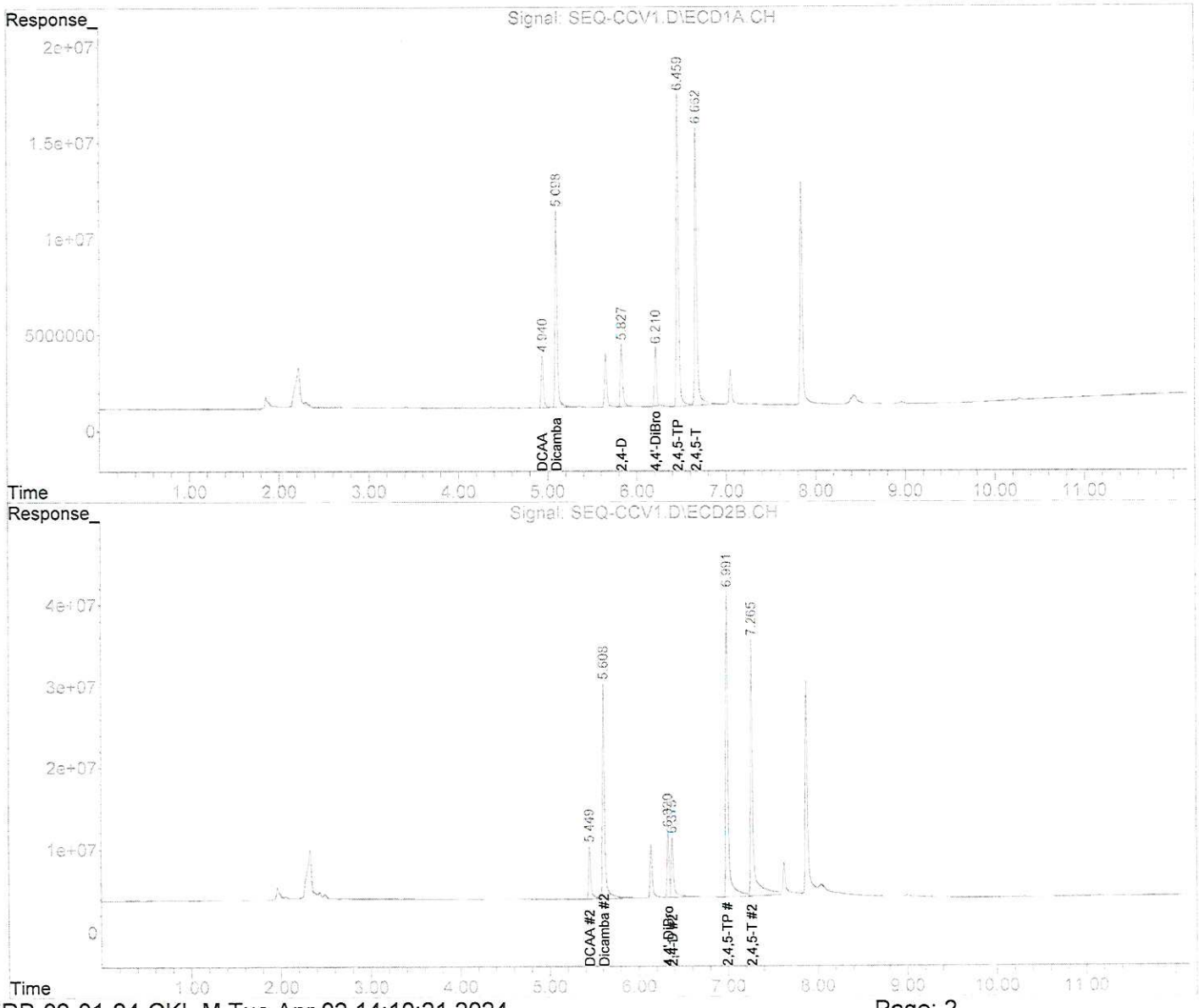
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:08 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 0 (Sig #1); 100 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:31 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:23 am
Operator : CKL
Sample : B414014-BLK1
Misc :
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:43 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.210	6.330	44006232	117.4E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.210	6.330	44006232	117.4E6	25.000	25.000
2) S DCAA	4.941	5.449	81413754	202.8E6	443.113	408.709
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

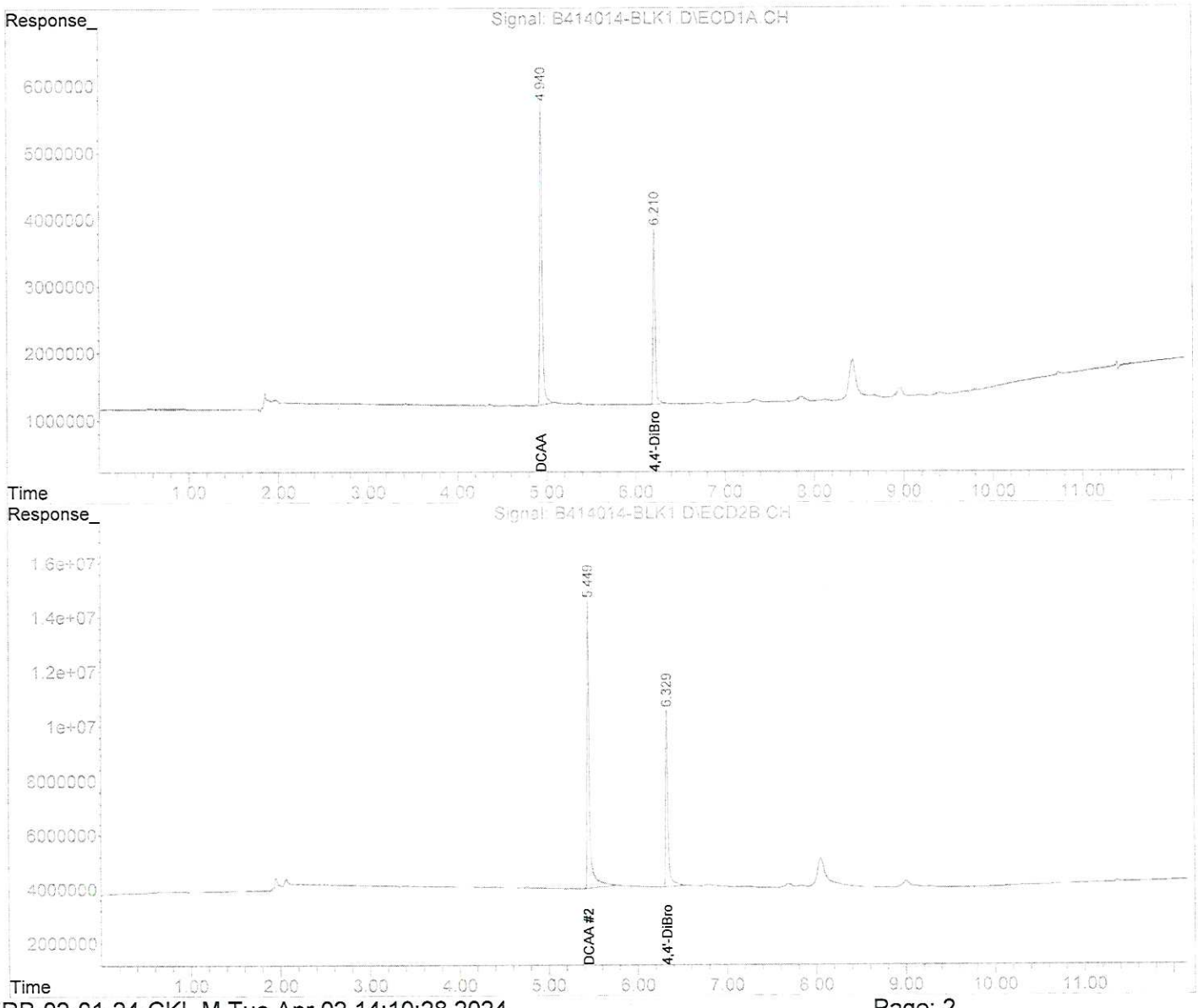
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:23 am
Operator : CKL
Sample : B414014-BLK1
Misc :
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:43 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:39 am
Operator : CKL
Sample : B414014-BS1
Misc :
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:49 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.209	6.328	43417240	108.1E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.209	6.328	43417240	108.1E6	25.000	25.000
2) S DCAA	4.939	5.448	82767093	197.5E6	458.174	434.316
Target Compounds						
3) T Dicamba	5.097	5.607	63975246	174.1E6	84.816	86.910
4) T 2,4-D	5.828	6.375	22581311	58773424	81.808	79.292
5) T 2,4,5-TP	6.458	6.990	100.7E6	245.1E6	82.603	81.926
6) T 2,4,5-T	6.662	7.266	91335851	224.1E6	81.014	78.654

SemiQuant Compounds - Not Calibrated on this Instrument

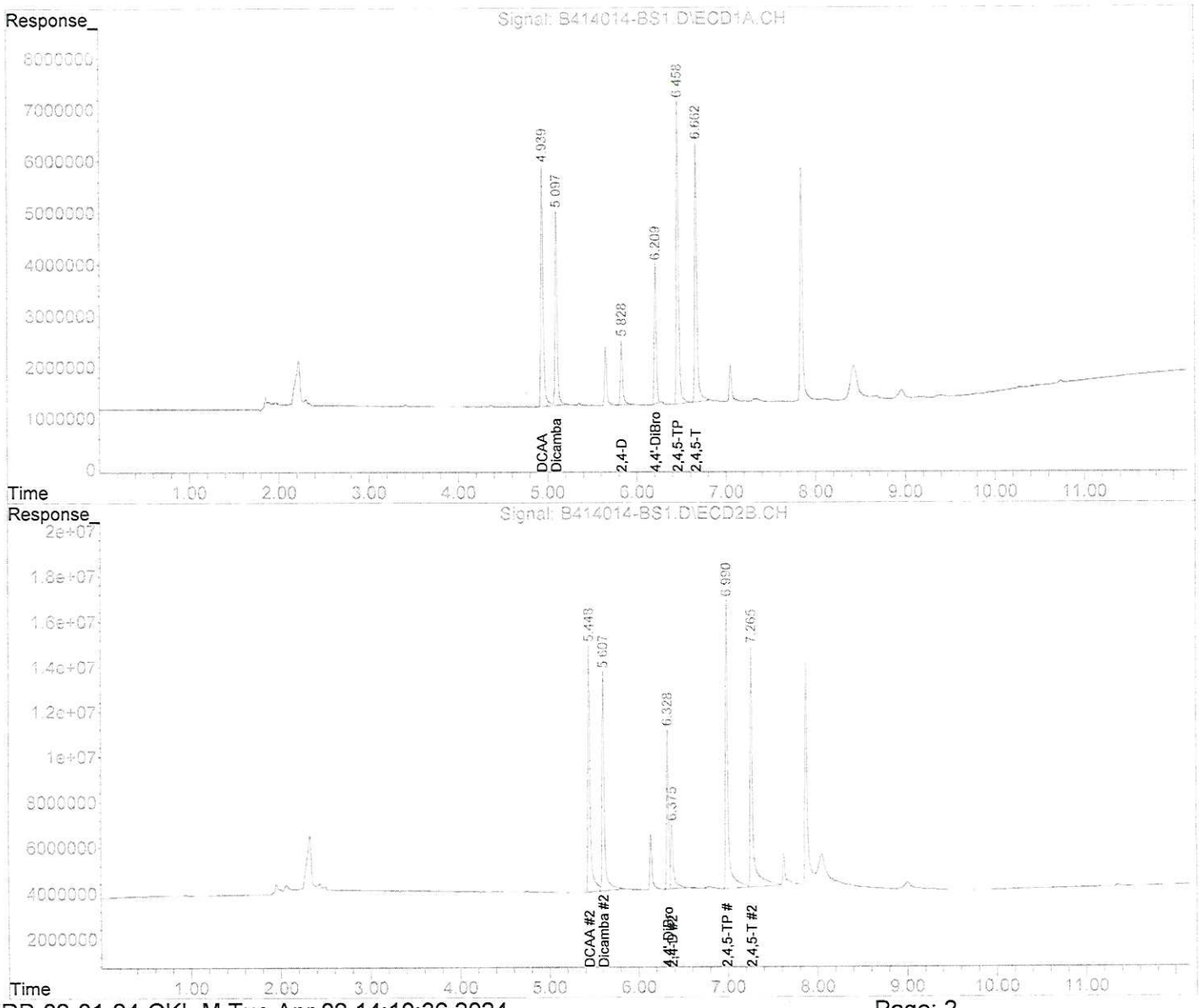
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:39 am
Operator : CKL
Sample : B414014-BS1
Misc :
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:49 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-MS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:55 am
Operator : CKL
Sample : B414014-MS1
Misc :
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:56 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1)	IS 4,4'-DiBr...	6.207	6.327	47510192	112.5E6	25.000	25.000
	System Monitoring Compounds						
1)	IS 4,4'-DiBr...	6.207	6.327	47510192	112.5E6	25.000	25.000
2)	S DCAA	4.938	5.447	84439700	201.2E6	423.743	424.460
	Target Compounds						
3)	T Dicamba	5.096	5.606	65314786	180.0E6	78.548	86.325
4)	T 2,4-D	5.826	6.374	22899867	61340281	74.414	79.566
5)	T 2,4,5-TP	6.457	6.989	102.5E6	250.6E6	76.553	80.440
6)	T 2,4,5-T	6.661	7.264	94382352	227.2E6	76.270	76.513

SemiQuant Compounds - Not Calibrated on this Instrument

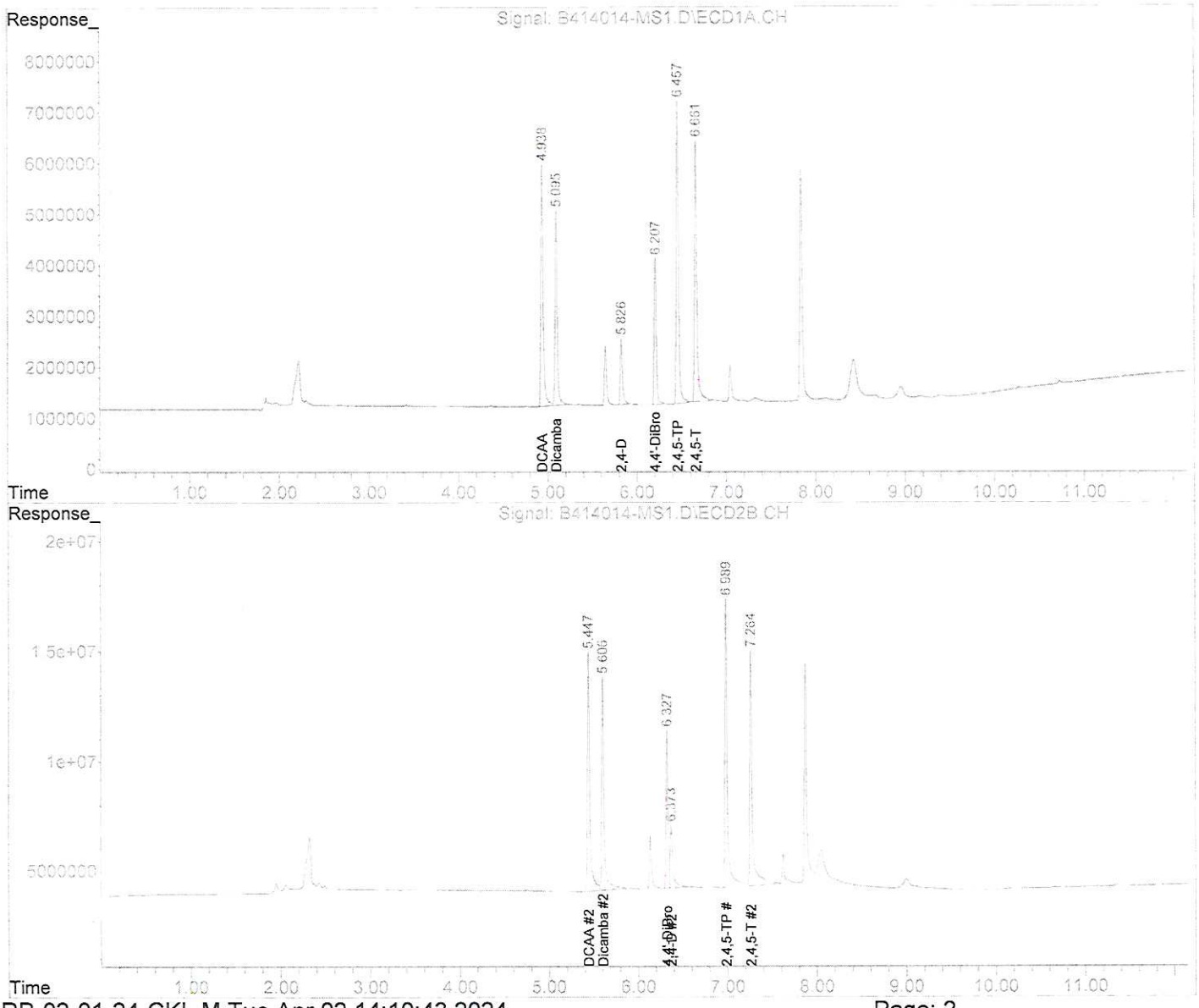
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-MS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 10:55 am
Operator : CKL
Sample : B414014-MS1
Misc :
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:52:56 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-MSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:10 am
Operator : CKL
Sample : B414014-MSD1
Misc :
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:53:02 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1)	IS 4,4'-DiBr...	6.208	6.328	42686614	102.7E6	25.000	25.000
	System Monitoring Compounds						
1)	IS 4,4'-DiBr...	6.208	6.328	42686614	102.7E6	25.000	25.000
2)	S DCAA	4.938	5.447	82734667	199.8E6	466.736	465.391
	Target Compounds						
3)	T Dicamba	5.096	5.607	64005745	178.6E6	86.462	94.506
4)	T 2,4-D	5.827	6.374	22541593	57974990	83.355	83.023
5)	T 2,4,5-TP	6.457	6.989	100.1E6	247.5E6	83.602	87.286
6)	T 2,4,5-T	6.661	7.264	90361888	220.5E6	81.548	81.647
	SemiQuant Compounds - Not Calibrated on this Instrument						

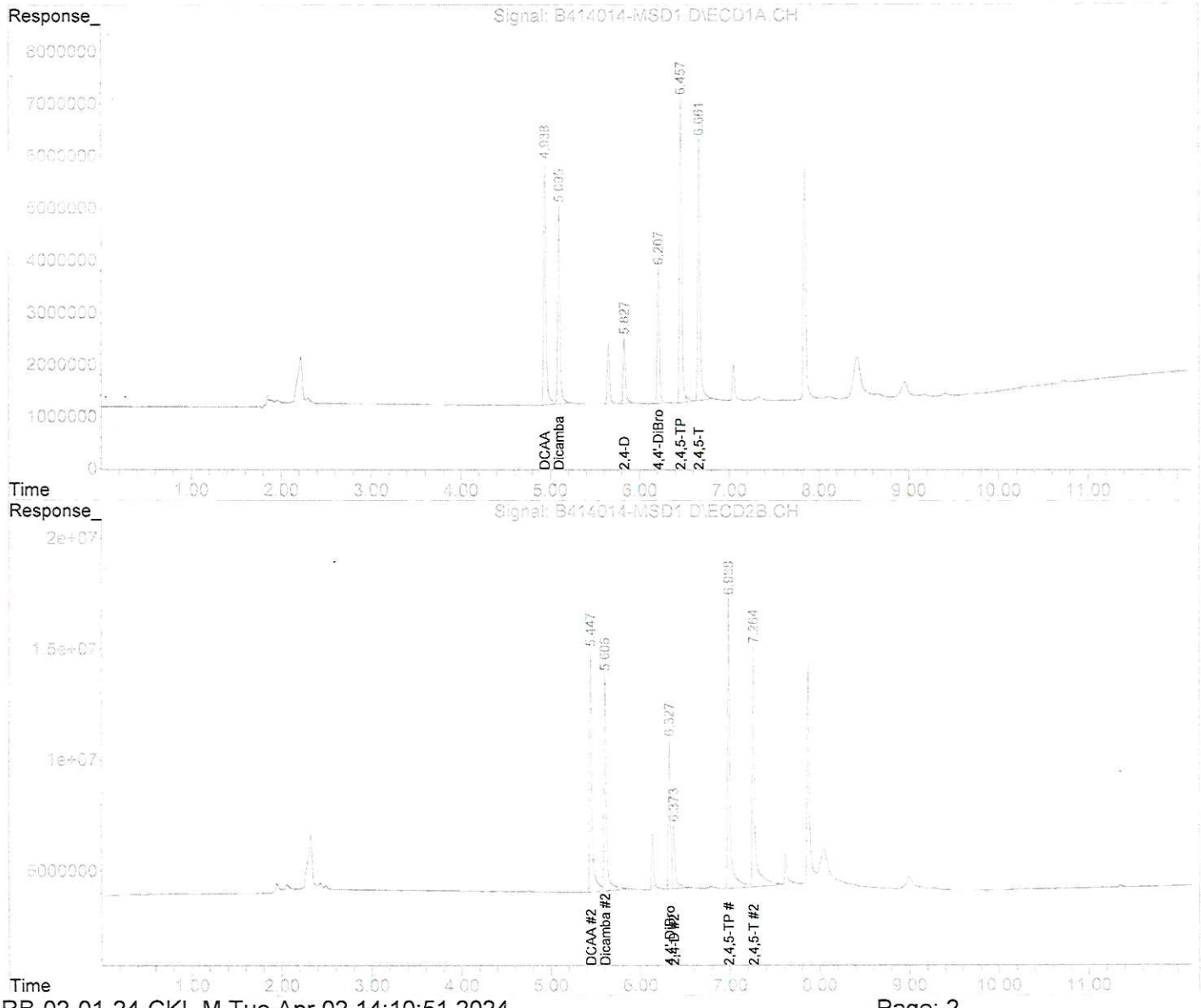
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : B414014-MSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:10 am
Operator : CKL
Sample : B414014-MSD1
Misc :
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:53:02 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:26 am
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 0 (Sig #1); 5 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:53:08 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.208	6.327	45900285	119.4E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.208	6.327	45900285	119.4E6	25.000	25.000
2) S DCAA	4.938	5.446	81034600	201.1E6	420.600	397.508
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

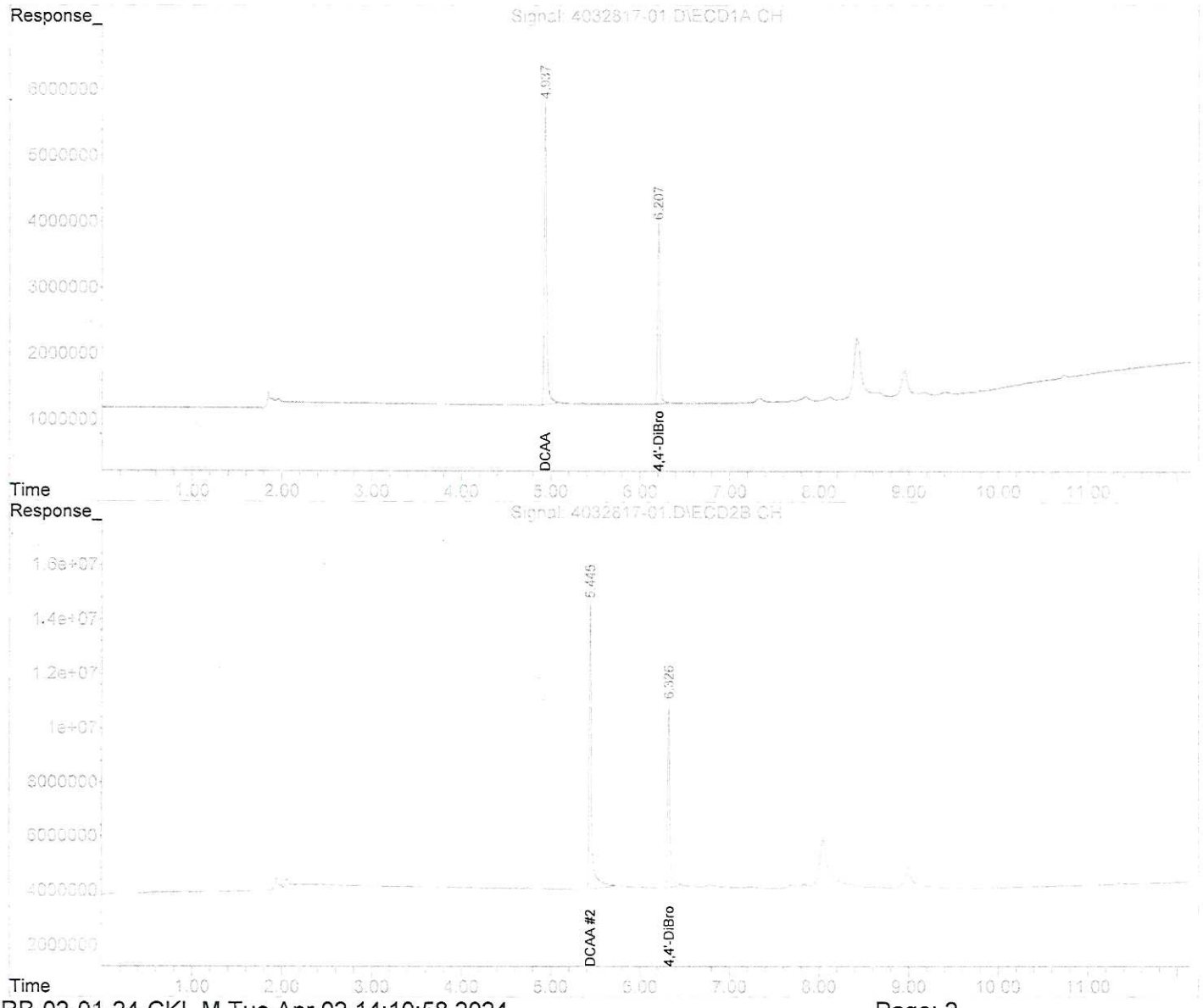
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:26 am
Operator : CKL
Sample : 4032817-01
Misc :
ALS Vial : 0 (Sig #1); 5 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 11:53:08 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:42 am
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 0 (Sig #1); 6 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 14:05:42 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
	Internal Standards						
1)	IS 4,4'-DiBr...	6.205	6.325	45508121	124.1E6	25.000	25.000
	System Monitoring Compounds						
1)	IS 4,4'-DiBr...	6.205	6.325	45508121	124.1E6	25.000	25.000
2)	S DCAA	4.935	5.444	81927536	205.5E6	429.851	390.366
	Target Compounds						
3)	T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4)	T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5)	T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6)	T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

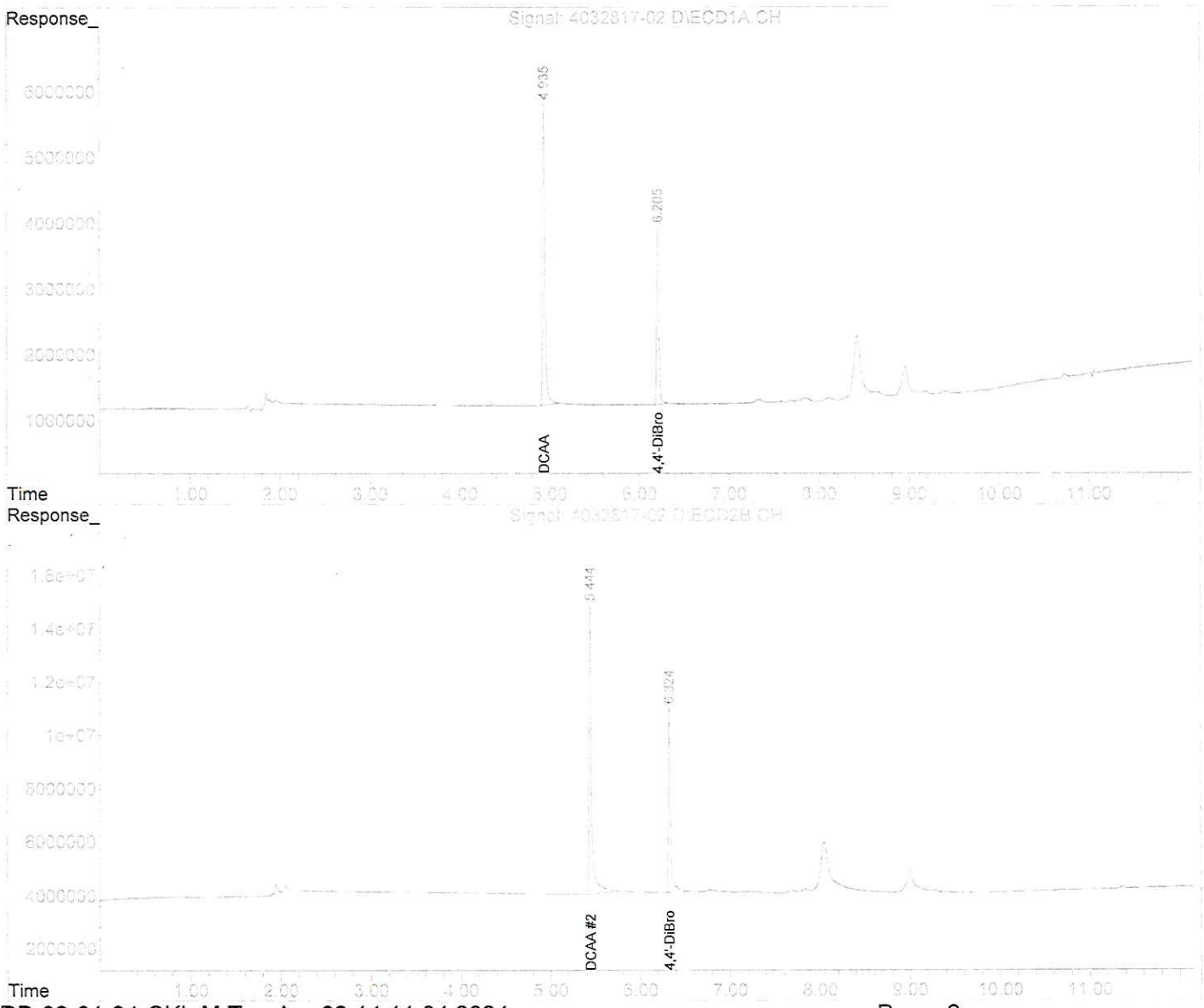
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0402\
Data File : 4032817-02.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Apr 2024 11:42 am
Operator : CKL
Sample : 4032817-02
Misc :
ALS Vial : 0 (Sig #1); 6 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 02 14:05:42 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



PREPARATION BENCH SHEET

Printed: 4/2/2024 9:10:20AM

Analysis
NYC Part 375 (Herbicides)

B414056

Long Island Analytical Laboratories, Inc.

Prepared using: EPA 3510 C

Surrogate Solution
2401151 8151A Surr Acid 100 PPM

Spiking Solution
2401115 8151A 10PPM Spk Working

Matrix: Non-Potable Water

Lab Number	Sample ID and Source Sample	Due Date	Extract by	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	Extraction Comments
B414056-BLK1	Blank			04/02/2024 09:09	500	5		25	
B414056-BS1	LCS			04/02/2024 09:09	500	5	50	25	
B414056-MS1	Matrix Spike [4032817-10]			04/02/2024 09:09	500	5	50	25	
B414056-MSD1	Matrix Spike Dup [4032817-10]			04/02/2024 09:09	500	5	50	25	
4032817-10	Equipment Blank	04/03/202	04/04/202	04/02/2024 09:09	500	5		25	48 Hr Rush - Cat B!!!

S4/14034

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
2103928	2-(2-Ethoxyethoxy)ethanol	n/a
2104847	Diazald 99%	SHBM4412
2105149	Copper, Granular	123090BO
2201001	Ethyl Ether w/BHT	L1950
2201186	Sodium Chloride, Crystal	21J055201
2302188	Methylene Chloride	EG423
2302461	Sodium Sulfate Anhydrous	2022112895
2302600	Hexanes (95% n-hexane)	23C2462011
2302690	Sulfuric Acid, Concentrated	22D0862014
2400220	Methanol, Purge & Trap	63019

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-IBL1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 9:33 am
Operator : CKL
Sample : SEQ-IBL1
Misc :
ALS Vial : 0 (Sig #1); 99 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 10:11:39 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.212	6.331	53672904	147.8E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.212	6.331	53672904	147.8E6	25.000	25.000
2) S DCAA	0.000	0.000	0	0	N.D.	N.D.
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : SEQ-CCV1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 9:49 am
Operator : CKL
Sample : SEQ-CCV1
Misc :
ALS Vial : 0 (Sig #1); 100 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 10:11:33 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.211	6.329	54423523	143.9E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.211	6.329	54423523	143.9E6	25.000	25.000
2) S DCAA	4.940	5.449	53159621	134.5E6	217.813	207.715
Target Compounds						
3) T Dicamba	5.098	5.608	193.7E6	526.8E6	217.168	206.724
4) T 2,4-D	5.828	6.375	64716448	168.2E6	211.649	192.831
5) T 2,4,5-TP	6.460	6.991	313.0E6	804.2E6	211.402	205.615
6) T 2,4,5-T	6.663	7.267	286.8E6	740.9E6	209.294	202.014
SemiQuant Compounds - Not Calibrated on this Instrument						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414056-BLK1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 10:04 am
Operator : CKL
Sample : B414056-BLK1
Misc :
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 11:14:22 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.210	6.329	43504010	122.3E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.210	6.329	43504010	122.3E6	25.000	25.000
2) S DCAA	4.941	5.449	43452219	107.2E6	223.315	193.208
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.
SemiQuant Compounds - Not Calibrated on this Instrument						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414056-BS1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 10:20 am
Operator : CKL
Sample : B414056-BS1
Misc :
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 11:14:29 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.210	6.330	40194383	110.4E6	25.000m	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.210	6.330	40194383	110.4E6	25.000m	25.000
2) S DCAA	4.940	5.449	43119250	104.3E6	241.851	210.175
Target Compounds						
3) T Dicamba	5.098	5.609	33295157	93991293	43.865	42.537
4) T 2,4-D	5.829	6.377	11598199	38040250	36.871	44.340
5) T 2,4,5-TP	6.459	6.991	57173213	140.4E6	48.949m	44.830m
6) T 2,4,5-T	6.664	7.267	46359647	108.2E6	42.519	34.806
SemiQuant Compounds - Not Calibrated on this Instrument						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : B414056-BSD1.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 10:36 am
Operator : CKL
Sample : B414056-BSD1
Misc :
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 11:14:34 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.208	6.328	42341791	111.3E6	25.000m	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.208	6.328	42341791	111.3E6	25.000m	25.000
2) S DCAA	4.938	5.447	43301510	107.0E6	229.283	214.401
Target Compounds						
3) T Dicamba	5.096	5.606	33392298	95377918	41.344	42.888
4) T 2,4-D	5.827	6.374	11514749	37006781	33.648	42.270 #
5) T 2,4,5-TP	6.458	6.989	60775508	137.6E6	49.435m	43.508m
6) T 2,4,5-T	6.662	7.265	46134942	113.0E6	39.934	36.228
SemiQuant Compounds - Not Calibrated on this Instrument						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 APRIL\0403\
Data File : 4032817-10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2024 10:52 am
Operator : CKL
Sample : 4032817-10
Misc :
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Apr 03 11:14:40 2024
Quant Method : C:\msdchem\1\methods\2024\HERB-02-01-24-CKL.M
Quant Title :
QLast Update : Fri Feb 02 09:20:24 2024
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	Conc#1	Conc#2
Internal Standards						
1) IS 4,4'-DiBr...	6.209	6.329	44915696	124.4E6	25.000	25.000
System Monitoring Compounds						
1) IS 4,4'-DiBr...	6.209	6.329	44915696	124.4E6	25.000	25.000
2) S DCAA	4.939	5.448	43678064	108.8E6	216.732	192.922
Target Compounds						
3) T Dicamba	0.000	0.000	0	0	N.D.	N.D.
4) T 2,4-D	0.000	0.000	0	0	N.D.	N.D.
5) T 2,4,5-TP	0.000	0.000	0	0	N.D.	N.D.
6) T 2,4,5-T	0.000	0.000	0	0	N.D.	N.D.

SemiQuant Compounds - Not Calibrated on this Instrument

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

SVOCs
EPA 8270E

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG
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QC SUMMARY

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	ChemStation06

	2FP (28.1% -	FBP (30.1% -	NBZ (30.3% -	PD6 (26.7% -	TBP (28.3% -	TP (31.4% -
4032817-01	58	61	55	61	68	64
4032817-02	66	71	67	73	75	68
B413208-BLK1	51	54	50	55	50	60
B413208-BS1	56	58	58	59	58	60
B413208-MS1	59	61	57	64	62	63
B413208-MSD1	53	56	54	58	57	59

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SYSTEM MONITORING COMPOUND SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	ChemStation04

	2FP (27% -	FBP (46.1% -	NBZ (33.5% -	PD6 (23.3% -	TBP (44.1% -	TP (42% - 122%)
4032817-10	25*	60	39	27	77	74
B414034-BLK1	81	98	92	75*	94	91
B414034-BS1	79	98	91	72*	98	93
B414034-MS1	64	75	71	59	65	89
B414034-MSD1	35	75	66	30	37*	87

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8270E
Batch:	B413208	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B413208-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
Phenol	1690	ND	1050	62	19 - 97.5
2-Methylphenol	1690	ND	1080	64	14.8 - 101
3/4-Methylphenol (m-Cresol/p-Cresol)	1690	ND	1100	65	15 - 95.4
Naphthalene	1690	ND	1050	62	10 - 103
Acenaphthylene	1690	ND	1090	65	18.6 - 99.8
Acenaphthene	1690	ND	1160	69	19.5 - 97.9
Dibenzofuran	1690	ND	1120	66	19.4 - 99.4
Fluorene	1690	ND	1140	67	16.4 - 104
Hexachlorobenzene	1690	ND	1140	67	17.8 - 99.7
Pentachlorophenol	1690	ND	812	48	13.2 - 91.2
Phenanthrene	1690	ND	1180	70	10 - 122
Anthracene	1690	ND	1110	65	13.4 - 114
Fluoranthene	1690	269	1290	60	10 - 125
Pyrene	1690	267	1250	58	11.9 - 122
Benzo(a)anthracene	1690	141	1190	62	15.2 - 113
Chrysene	1690	ND	1270	75	15 - 111
Benzo(b)fluoranthene	1690	224	1410	70	13.4 - 114
Benzo(k)fluoranthene	1690	167	1190	60	18.1 - 111
Benzo(a)pyrene	1690	230	1290	63	15.9 - 116
Indeno(1,2,3-cd)pyrene	1690	181	1280	65	18.7 - 130
Dibenzo(a,h)anthracene	1690	ND	1200	71	17.7 - 118
Benzo(g,h,i)perylene	1690	186	1320	67	18.9 - 115

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8270E
Batch:	B413208	Preparation:	EPA 3545 A
% Solids:	78.76	Laboratory ID:	B413208-MS1
Column:		Sample Lab ID:	4032817-02

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Phenol	1690	987	58	7	48	19 - 97.5
2-Methylphenol	1690	1010	59	7	51.1	14.8 - 101
3/4-Methylphenol (m-Cresol/p-Cres(	1690	1040	61	6	47.4	15 - 95.4
Naphthalene	1690	982	58	7	46.8	10 - 103
Acenaphthylene	1690	1060	63	3	46.5	18.6 - 99.8
Acenaphthene	1690	1010	59	14	45.6	19.5 - 97.9
Dibenzofuran	1690	1010	60	10	59.5	19.4 - 99.4
Fluorene	1690	1000	59	13	46.9	16.4 - 104
Hexachlorobenzene	1690	981	58	15	49	17.8 - 99.7
Pentachlorophenol	1690	813	48	0.1	70.9	13.2 - 91.2
Phenanthrene	1690	1090	65	8	51.8	10 - 122
Anthracene	1690	1050	62	5	47.2	13.4 - 114
Fluoranthene	1690	1170	53	10	51.2	10 - 125
Pyrene	1690	1160	53	7	49.6	11.9 - 122
Benzo(a)anthracene	1690	1080	55	10	48.4	15.2 - 113
Chrysene	1690	1170	69	8	48.4	15 - 111
Benzo(b)fluoranthene	1690	1270	62	10	48.7	13.4 - 114
Benzo(k)fluoranthene	1690	1130	57	5	47.6	18.1 - 111
Benzo(a)pyrene	1690	1220	58	6	48.1	15.9 - 116
Indeno(1,2,3-cd)pyrene	1690	1200	60	7	67.7	18.7 - 130
Dibenzo(a,h)anthracene	1690	1100	65	9	51.8	17.7 - 118
Benzo(g,h,i)perylene	1690	1210	61	9	47.2	18.9 - 115

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8270E
Batch:	B414034	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414034-MS1
Column:		Sample Lab ID:	4032527-01

ANALYTE	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	QC LIMITS REC.
Phenol	80.0	ND	42.0	52	17.5 - 82.5
2-Methylphenol	80.0	ND	67.2	84	26.3 - 104
3/4-Methylphenol (m-Cresol/p-Cresol)	80.0	ND	61.4	77	20.2 - 107
Naphthalene	80.0	ND	55.6	70	34.2 - 124
Acenaphthylene	80.0	ND	57.5	72	40.5 - 129
Acenaphthene	80.0	ND	57.4	72	43.2 - 117
Dibenzofuran	80.0	ND	56.3	70	48.3 - 117
Fluorene	80.0	ND	57.8	72	46.1 - 126
Hexachlorobenzene	80.0	ND	59.5	74	43.6 - 122
Pentachlorophenol	80.0	ND	34.1	43	15 - 134
Phenanthrene	80.0	ND	64.4	80	38.4 - 130
Anthracene	80.0	ND	66.9	84	46.9 - 137
Fluoranthene	80.0	ND	74.6	93	53.4 - 137
Pyrene	80.0	ND	72.9	91	53.1 - 135
Benzo(a)anthracene	80.0	ND	82.4	103	53.5 - 139
Chrysene	80.0	ND	76.5	96	47.6 - 125
Benzo(b)fluoranthene	80.0	ND	97.8	122	69.3 - 135
Benzo(k)fluoranthene	80.0	ND	81.0	101	67.4 - 136
Benzo(a)pyrene	80.0	4.40	81.7	97	67.2 - 127
Indeno(1,2,3-cd)pyrene	80.0	ND	93.8	117	40.4 - 165
Dibenzo(a,h)anthracene	80.0	ND	89.3	112	68.5 - 158
Benzo(g,h,i)perylene	80.0	ND	81.9	102	59.8 - 156

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8270E
Batch:	B414034	Preparation:	EPA 3510 C
% Solids:		Laboratory ID:	B414034-MS1
Column:		Sample Lab ID:	4032527-01

ANALYTE	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Phenol	80.0	20.3	25		70	*	20	17.5 - 82.5
2-Methylphenol	80.0	47.5	59		34	*	20	26.3 - 104
3/4-Methylphenol (m-Cresol/p-Cres(	80.0	31.8	40		64	*	20	20.2 - 107
Naphthalene	80.0	50.6	63		10		20	34.2 - 124
Acenaphthylene	80.0	54.9	69		5		20	40.5 - 129
Acenaphthene	80.0	52.4	66		9		20	43.2 - 117
Dibenzofuran	80.0	54.3	68		4		20	48.3 - 117
Fluorene	80.0	50.0	62		15		20	46.1 - 126
Hexachlorobenzene	80.0	55.9	70		6		20	43.6 - 122
Pentachlorophenol	80.0	11.2	14	*	101	*	20	15 - 134
Phenanthrene	80.0	60.7	76		6		20	38.4 - 130
Anthracene	80.0	62.3	78		7		20	46.9 - 137
Fluoranthene	80.0	68.6	86		8		20	53.4 - 137
Pyrene	80.0	66.8	84		9		20	53.1 - 135
Benzo(a)anthracene	80.0	75.2	94		9		20	53.5 - 139
Chrysene	80.0	70.7	88		8		20	47.6 - 125
Benzo(b)fluoranthene	80.0	90.4	113		8		20	69.3 - 135
Benzo(k)fluoranthene	80.0	73.8	92		9		20	67.4 - 136
Benzo(a)pyrene	80.0	74.0	87		10		20	67.2 - 127
Indeno(1,2,3-cd)pyrene	80.0	88.6	111		6		20	40.4 - 165
Dibenzo(a,h)anthracene	80.0	84.4	106		6		20	68.5 - 158
Benzo(g,h,i)perylene	80.0	77.3	97		6		20	59.8 - 156

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 3545 A
Batch:	B413208	Laboratory ID:	B413208-BS1
Column:		Initial/Final:	15 g / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Phenol	1330	801	60	42.3 - 116
2-Methylphenol	1330	803	60	37.2 - 118
3/4-Methylphenol (m-Cresol/p-Cresol)	1330	838	63	36.7 - 114
Naphthalene	1330	785	59	42.3 - 108
Acenaphthylene	1330	807	61	46.2 - 116
Acenaphthene	1330	797	60	41.8 - 118
Dibenzofuran	1330	791	59	45.8 - 119
Fluorene	1330	783	59	45 - 122
Hexachlorobenzene	1330	769	58	47.3 - 120
Pentachlorophenol	1330	659	49	24.7 - 97.1
Phenanthrene	1330	778	58	47.2 - 124
Anthracene	1330	760	57	48.2 - 127
Fluoranthene	1330	805	60	49.9 - 126
Pyrene	1330	800	60	49.7 - 125
Benzo(a)anthracene	1330	810	61	49.7 - 124
Chrysene	1330	840	63	48.4 - 127
Benzo(b)fluoranthene	1330	940	71	47.3 - 130
Benzo(k)fluoranthene	1330	794	60	50.9 - 122
Benzo(a)pyrene	1330	848	64	48.6 - 130
Indeno(1,2,3-cd)pyrene	1330	877	66	45.3 - 149
Dibenzo(a,h)anthracene	1330	879	66	44.9 - 135
Benzo(g,h,i)perylene	1330	908	68	48 - 131

LONG ISLAND ANALYTICAL LABORATORIES INC.
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USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 3510 C
Batch:	B414034	Laboratory ID:	B414034-BS1
Column:		Initial/Final:	250 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Phenol	80.0	49.9	62	13.1 - 88.1
2-Methylphenol	80.0	77.8	97	30.3 - 101
3/4-Methylphenol (m-Cresol/p-Cresol)	80.0	72.0	90	20 - 114
Naphthalene	80.0	69.3	87	36.4 - 139
Acenaphthylene	80.0	74.1	93	51.1 - 125
Acenaphthene	80.0	72.4	90	49.4 - 117
Dibenzofuran	80.0	73.3	92	51 - 120
Fluorene	80.0	72.8	91	53.8 - 125
Hexachlorobenzene	80.0	72.6	91	54.3 - 122
Pentachlorophenol	80.0	57.0	71	21.1 - 119
Phenanthrene	80.0	74.5	93	51.9 - 132
Anthracene	80.0	76.8	96	56.2 - 133
Fluoranthene	80.0	75.8	95	64.4 - 131
Pyrene	80.0	75.2	94	65.3 - 128
Benzo(a)anthracene	80.0	80.6	101	64.8 - 133
Chrysene	80.0	76.1	95	62.8 - 122
Benzo(b)fluoranthene	80.0	99.5	124	71.8 - 128
Benzo(k)fluoranthene	80.0	77.5	97	74.9 - 130
Benzo(a)pyrene	80.0	79.4	99	72.2 - 124
Indeno(1,2,3-cd)pyrene	80.0	93.8	117	15.3 - 168
Dibenzo(a,h)anthracene	80.0	89.3	112	55.9 - 153
Benzo(g,h,i)perylene	80.0	81.6	102	67.6 - 139

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

4 - FORM IV
METHOD BLANK SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B413208-BLK1	Batch:	B413208

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B413208-MSD1	B413208-MSD1.D	17:39
Matrix Spike	B413208-MS1	B413208-MS1.D	17:07
LCS	B413208-BS1	B413208-BS1.D	16:35
Stockpile B - Comp	4032817-02	4032817-02.D	20:19
Stockpile A - Comp	4032817-01	4032817-01.D	19:47

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

4 - FORM IV
METHOD BLANK SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414034-BLK1	Batch:	B414034

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414034-MSD1	B414034-MSD1real.D	00:39
Matrix Spike	B414034-MS1	B414034-MS1real.D	23:57
LCS	B414034-BS1	B414034-BS1real.D	23:15
Equipment Blank	4032817-10	4032817-10.D	17:01
Equipment Blank	4032817-10		17:01

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414005	Instrument:	ChemStation04
		Calibration:	L414001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S414005-CCV1)			*Lab File ID: SEQ-CCV2.D*			*Analyzed: 04/08/24 21:50*			
1,4-Dichlorobenzene-d4	416263	5.482				50 - 200	5.4820	+/-0.50	
Naphthalene-d8	1653916	7.331				50 - 200	7.3310	+/-0.50	
Acenaphthene-d10	923633	10.095				50 - 200	10.0950	+/-0.50	
Phenanthrene-d10	1616058	12.416				50 - 200	12.4160	+/-0.50	
Chrysene-d12	1281514	16.673				50 - 200	16.6730	+/-0.50	
Perylene-d12	1222757	19.134				50 - 200	19.1340	+/-0.50	
Blank (B414034-BLK1)			*Lab File ID: B414034-BLK1real.D*			*Analyzed: 04/08/24 22:32*			
1,4-Dichlorobenzene-d4	369906	5.483	416263	5.482	89	50 - 200	0.0010	+/-0.50	
Naphthalene-d8	1467755	7.327	1653916	7.331	89	50 - 200	-0.0040	+/-0.50	
Acenaphthene-d10	845139	10.091	923633	10.095	92	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1465778	12.417	1616058	12.416	91	50 - 200	0.0010	+/-0.50	
Chrysene-d12	1139500	16.668	1281514	16.673	89	50 - 200	-0.0050	+/-0.50	
Perylene-d12	1118588	19.129	1222757	19.134	91	50 - 200	-0.0050	+/-0.50	
LCS (B414034-BS1)			*Lab File ID: B414034-BS1real.D*			*Analyzed: 04/08/24 23:15*			
1,4-Dichlorobenzene-d4	404185	5.482	416263	5.482	97	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1577637	7.331	1653916	7.331	95	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	897893	10.095	923633	10.095	97	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1540280	12.421	1616058	12.416	95	50 - 200	0.0050	+/-0.50	
Chrysene-d12	1221088	16.673	1281514	16.673	95	50 - 200	0.0000	+/-0.50	
Perylene-d12	1217949	19.134	1222757	19.134	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414005
Instrument: ChemStation04
Calibration: L414001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414034-MS1)			*Lab File ID: B414034-MS1real.D*			*Analyzed: 04/08/24 23:57*			
1,4-Dichlorobenzene-d4	380190	5.482	416263	5.482	91	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1487673	7.332	1653916	7.331	90	50 - 200	0.0010	+/-0.50	
Acenaphthene-d10	847049	10.091	923633	10.095	92	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1462364	12.416	1616058	12.416	90	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1158384	16.673	1281514	16.673	90	50 - 200	0.0000	+/-0.50	
Perylene-d12	1172227	19.129	1222757	19.134	96	50 - 200	-0.0050	+/-0.50	
Matrix Spike Dup (B414034-MSD1)			*Lab File ID: B414034-MSD1real.D*			*Analyzed: 04/09/24 00:39*			
1,4-Dichlorobenzene-d4	410713	5.482	416263	5.482	99	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1560116	7.331	1653916	7.331	94	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	881293	10.091	923633	10.095	95	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1528419	12.416	1616058	12.416	95	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1205189	16.673	1281514	16.673	94	50 - 200	0.0000	+/-0.50	
Perylene-d12	1188437	19.134	1222757	19.134	97	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414013
Instrument: ChemStation06
Calibration: L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414013	Instrument:	ChemStation06
		Calibration:	L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414013-IBL1)			*Lab File ID: SEQ-IBL2.D*			*Analyzed: 04/01/24 10:36*			
1,4-Dichlorobenzene-d4	408546	9.15	527500	9.185	77	50 - 200	-0.0350	+/-0.50	
Naphthalene-d8	1521842	11.362	1856170	11.397	82	50 - 200	-0.0350	+/-0.50	
Acenaphthene-d10	863790	14.261	1097515	14.284	79	50 - 200	-0.0230	+/-0.50	
Phenanthrene-d10	1639807	16.613	2147268	16.647	76	50 - 200	-0.0340	+/-0.50	
Chrysene-d12	1448843	20.885	2002590	20.908	72	50 - 200	-0.0230	+/-0.50	
Perylene-d12	1459079	23.015	1912581	23.039	76	50 - 200	-0.0240	+/-0.50	
Calibration Check (S414013-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/01/24 11:08*			
1,4-Dichlorobenzene-d4	370358	9.15	527500	9.185	70	50 - 200	-0.0350	+/-0.50	
Naphthalene-d8	1346698	11.362	1856170	11.397	73	50 - 200	-0.0350	+/-0.50	
Acenaphthene-d10	787988	14.261	1097515	14.284	72	50 - 200	-0.0230	+/-0.50	
Phenanthrene-d10	1505617	16.624	2147268	16.647	70	50 - 200	-0.0230	+/-0.50	
Chrysene-d12	1436701	20.885	2002590	20.908	72	50 - 200	-0.0230	+/-0.50	
Perylene-d12	1331708	23.015	1912581	23.039	70	50 - 200	-0.0240	+/-0.50	
Blank (B413208-BLK1)			*Lab File ID: B413208-BLK1.D*			*Analyzed: 04/01/24 16:03*			
1,4-Dichlorobenzene-d4	459643	9.15	370358	9.15	124	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1621807	11.362	1346698	11.362	120	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	940181	14.261	787988	14.261	119	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1710047	16.624	1505617	16.624	114	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1584022	20.885	1436701	20.885	110	50 - 200	0.0000	+/-0.50	
Perylene-d12	1555296	23.015	1331708	23.015	117	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414013	Instrument:	ChemStation06
		Calibration:	L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B413208-BS1)			*Lab File ID: B413208-BS1.D*			*Analyzed: 04/01/24 16:35*			
1,4-Dichlorobenzene-d4	405784	9.15	370358	9.15	110	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1479061	11.362	1346698	11.362	110	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	847166	14.261	787988	14.261	108	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1626305	16.613	1505617	16.624	108	50 - 200	-0.0110	+/-0.50	
Chrysene-d12	1481129	20.885	1436701	20.885	103	50 - 200	0.0000	+/-0.50	
Perylene-d12	1450290	23.015	1331708	23.015	109	50 - 200	0.0000	+/-0.50	
Matrix Spike (B413208-MS1)			*Lab File ID: B413208-MS1.D*			*Analyzed: 04/01/24 17:07*			
1,4-Dichlorobenzene-d4	445905	9.15	370358	9.15	120	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1627831	11.362	1346698	11.362	121	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	904466	14.261	787988	14.261	115	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1717544	16.613	1505617	16.624	114	50 - 200	-0.0110	+/-0.50	
Chrysene-d12	1499756	20.885	1436701	20.885	104	50 - 200	0.0000	+/-0.50	
Perylene-d12	1515623	23.015	1331708	23.015	114	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B413208-MSD1)			*Lab File ID: B413208-MSD1.D*			*Analyzed: 04/01/24 17:39*			
1,4-Dichlorobenzene-d4	482062	9.15	370358	9.15	130	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1708636	11.362	1346698	11.362	127	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	988641	14.261	787988	14.261	125	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1811316	16.624	1505617	16.624	120	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1590993	20.885	1436701	20.885	111	50 - 200	0.0000	+/-0.50	
Perylene-d12	1614707	23.015	1331708	23.015	121	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414005	Instrument:	ChemStation04
		Calibration:	L414001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S414005-CCV1)			*Lab File ID: SEQ-CCV2.D*			*Analyzed: 04/08/24 21:50*			
1,4-Dichlorobenzene-d4	416263	5.482				50 - 200	5.4820	+/-0.50	
Naphthalene-d8	1653916	7.331				50 - 200	7.3310	+/-0.50	
Acenaphthene-d10	923633	10.095				50 - 200	10.0950	+/-0.50	
Phenanthrene-d10	1616058	12.416				50 - 200	12.4160	+/-0.50	
Chrysene-d12	1281514	16.673				50 - 200	16.6730	+/-0.50	
Perylene-d12	1222757	19.134				50 - 200	19.1340	+/-0.50	
Blank (B414034-BLK1)			*Lab File ID: B414034-BLK1real.D*			*Analyzed: 04/08/24 22:32*			
1,4-Dichlorobenzene-d4	369906	5.483	416263	5.482	89	50 - 200	0.0010	+/-0.50	
Naphthalene-d8	1467755	7.327	1653916	7.331	89	50 - 200	-0.0040	+/-0.50	
Acenaphthene-d10	845139	10.091	923633	10.095	92	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1465778	12.417	1616058	12.416	91	50 - 200	0.0010	+/-0.50	
Chrysene-d12	1139500	16.668	1281514	16.673	89	50 - 200	-0.0050	+/-0.50	
Perylene-d12	1118588	19.129	1222757	19.134	91	50 - 200	-0.0050	+/-0.50	
LCS (B414034-BS1)			*Lab File ID: B414034-BS1real.D*			*Analyzed: 04/08/24 23:15*			
1,4-Dichlorobenzene-d4	404185	5.482	416263	5.482	97	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1577637	7.331	1653916	7.331	95	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	897893	10.095	923633	10.095	97	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1540280	12.421	1616058	12.416	95	50 - 200	0.0050	+/-0.50	
Chrysene-d12	1221088	16.673	1281514	16.673	95	50 - 200	0.0000	+/-0.50	
Perylene-d12	1217949	19.134	1222757	19.134	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414005
Instrument: ChemStation04
Calibration: L414001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414034-MS1)			*Lab File ID: B414034-MS1real.D*			*Analyzed: 04/08/24 23:57*			
1,4-Dichlorobenzene-d4	380190	5.482	416263	5.482	91	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1487673	7.332	1653916	7.331	90	50 - 200	0.0010	+/-0.50	
Acenaphthene-d10	847049	10.091	923633	10.095	92	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1462364	12.416	1616058	12.416	90	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1158384	16.673	1281514	16.673	90	50 - 200	0.0000	+/-0.50	
Perylene-d12	1172227	19.129	1222757	19.134	96	50 - 200	-0.0050	+/-0.50	
Matrix Spike Dup (B414034-MSD1)			*Lab File ID: B414034-MSD1real.D*			*Analyzed: 04/09/24 00:39*			
1,4-Dichlorobenzene-d4	410713	5.482	416263	5.482	99	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1560116	7.331	1653916	7.331	94	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	881293	10.091	923633	10.095	95	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	1528419	12.416	1616058	12.416	95	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1205189	16.673	1281514	16.673	94	50 - 200	0.0000	+/-0.50	
Perylene-d12	1188437	19.134	1222757	19.134	97	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414013
Instrument: ChemStation06
Calibration: L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414013	Instrument:	ChemStation06
		Calibration:	L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S414013-IBL1)			*Lab File ID: SEQ-IBL2.D*			*Analyzed: 04/01/24 10:36*			
1,4-Dichlorobenzene-d4	408546	9.15	527500	9.185	77	50 - 200	-0.0350	+/-0.50	
Naphthalene-d8	1521842	11.362	1856170	11.397	82	50 - 200	-0.0350	+/-0.50	
Acenaphthene-d10	863790	14.261	1097515	14.284	79	50 - 200	-0.0230	+/-0.50	
Phenanthrene-d10	1639807	16.613	2147268	16.647	76	50 - 200	-0.0340	+/-0.50	
Chrysene-d12	1448843	20.885	2002590	20.908	72	50 - 200	-0.0230	+/-0.50	
Perylene-d12	1459079	23.015	1912581	23.039	76	50 - 200	-0.0240	+/-0.50	
Calibration Check (S414013-CCV1)			*Lab File ID: SEQ-CCV1.D*			*Analyzed: 04/01/24 11:08*			
1,4-Dichlorobenzene-d4	370358	9.15	527500	9.185	70	50 - 200	-0.0350	+/-0.50	
Naphthalene-d8	1346698	11.362	1856170	11.397	73	50 - 200	-0.0350	+/-0.50	
Acenaphthene-d10	787988	14.261	1097515	14.284	72	50 - 200	-0.0230	+/-0.50	
Phenanthrene-d10	1505617	16.624	2147268	16.647	70	50 - 200	-0.0230	+/-0.50	
Chrysene-d12	1436701	20.885	2002590	20.908	72	50 - 200	-0.0230	+/-0.50	
Perylene-d12	1331708	23.015	1912581	23.039	70	50 - 200	-0.0240	+/-0.50	
Blank (B413208-BLK1)			*Lab File ID: B413208-BLK1.D*			*Analyzed: 04/01/24 16:03*			
1,4-Dichlorobenzene-d4	459643	9.15	370358	9.15	124	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1621807	11.362	1346698	11.362	120	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	940181	14.261	787988	14.261	119	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1710047	16.624	1505617	16.624	114	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1584022	20.885	1436701	20.885	110	50 - 200	0.0000	+/-0.50	
Perylene-d12	1555296	23.015	1331708	23.015	117	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414013	Instrument:	ChemStation06
		Calibration:	L411001

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B413208-BS1)			*Lab File ID: B413208-BS1.D*			*Analyzed: 04/01/24 16:35*			
1,4-Dichlorobenzene-d4	405784	9.15	370358	9.15	110	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1479061	11.362	1346698	11.362	110	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	847166	14.261	787988	14.261	108	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1626305	16.613	1505617	16.624	108	50 - 200	-0.0110	+/-0.50	
Chrysene-d12	1481129	20.885	1436701	20.885	103	50 - 200	0.0000	+/-0.50	
Perylene-d12	1450290	23.015	1331708	23.015	109	50 - 200	0.0000	+/-0.50	
Matrix Spike (B413208-MS1)			*Lab File ID: B413208-MS1.D*			*Analyzed: 04/01/24 17:07*			
1,4-Dichlorobenzene-d4	445905	9.15	370358	9.15	120	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1627831	11.362	1346698	11.362	121	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	904466	14.261	787988	14.261	115	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1717544	16.613	1505617	16.624	114	50 - 200	-0.0110	+/-0.50	
Chrysene-d12	1499756	20.885	1436701	20.885	104	50 - 200	0.0000	+/-0.50	
Perylene-d12	1515623	23.015	1331708	23.015	114	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B413208-MSD1)			*Lab File ID: B413208-MSD1.D*			*Analyzed: 04/01/24 17:39*			
1,4-Dichlorobenzene-d4	482062	9.15	370358	9.15	130	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	1708636	11.362	1346698	11.362	127	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	988641	14.261	787988	14.261	125	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	1811316	16.624	1505617	16.624	120	50 - 200	0.0000	+/-0.50	
Chrysene-d12	1590993	20.885	1436701	20.885	111	50 - 200	0.0000	+/-0.50	
Perylene-d12	1614707	23.015	1331708	23.015	121	50 - 200	0.0000	+/-0.50	

LONG
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LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

Stockpile A - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-01	File ID:	4032817-01.D
Sampled:	03/28/24 13:47	Prepared:	03/29/24 12:58	Analyzed:	04/01/24 19:47
Solids:	80.89	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B413208	Sequence:	S414013	Calibration:	L411001	Instrument:	ChemStation06

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
108-95-2	Phenol	185	U
95-48-7	2-Methylphenol	371	U
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	185	U
91-20-3	Naphthalene	247	U
208-96-8	Acenaphthylene	185	U
83-32-9	Acenaphthene	247	U
132-64-9	Dibenzofuran	247	U
86-73-7	Fluorene	247	U
118-74-1	Hexachlorobenzene	247	U
87-86-5	Pentachlorophenol	371	U
85-01-8	Phenanthrene	247	U
120-12-7	Anthracene	247	U
206-44-0	Fluoranthene	251	
129-00-0	Pyrene	247	U
56-55-3	Benzo(a)anthracene	185	U
218-01-9	Chrysene	247	U
205-99-2	Benzo(b)fluoranthene	371	U
207-08-9	Benzo(k)fluoranthene	185	U
50-32-8	Benzo(a)pyrene	195	
193-39-5	Indeno(1,2,3-cd)pyrene	185	U
53-70-3	Dibenzo(a,h)anthracene	185	U
191-24-2	Benzo(g,h,i)perylene	185	U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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CTDOH# PH-0284
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PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile B - Comp

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-02	File ID:	4032817-02.D
Sampled:	03/28/24 13:47	Prepared:	03/29/24 12:58	Analyzed:	04/01/24 20:19
Solids:	78.76	Preparation:	EPA 3545 A	Dilution:	1
Batch:	B413208	Sequence:	S414013	Calibration:	L411001
Instrument:	ChemStation06				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
108-95-2	Phenol	190	U
95-48-7	2-Methylphenol	381	U
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	190	U
91-20-3	Naphthalene	254	U
208-96-8	Acenaphthylene	190	U
83-32-9	Acenaphthene	254	U
132-64-9	Dibenzofuran	254	U
86-73-7	Fluorene	254	U
118-74-1	Hexachlorobenzene	254	U
87-86-5	Pentachlorophenol	381	U
85-01-8	Phenanthrene	254	U
120-12-7	Anthracene	254	U
206-44-0	Fluoranthene	269	
129-00-0	Pyrene	267	
56-55-3	Benzo(a)anthracene	190	U
218-01-9	Chrysene	254	U
205-99-2	Benzo(b)fluoranthene	381	U
207-08-9	Benzo(k)fluoranthene	190	U
50-32-8	Benzo(a)pyrene	230	
193-39-5	Indeno(1,2,3-cd)pyrene	190	U
53-70-3	Dibenzo(a,h)anthracene	190	U
191-24-2	Benzo(g,h,i)perylene	190	U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	
Sampled:	03/28/24 00:00	Prepared:	04/01/24 13:05	Analyzed:	04/08/24 17:01
Solids:		Preparation:	EPA 3510 C	Dilution:	1
Batch:	B414034	Sequence:	S414005	Calibration:	L414001
Instrument:	ChemStation04				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-95-2	Phenol	5.00	U
95-48-7	2-Methylphenol	5.00	U
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	5.00	U
91-20-3	Naphthalene	5.00	U
208-96-8	Acenaphthylene	5.00	U
83-32-9	Acenaphthene	5.00	U
132-64-9	Dibenzofuran	5.00	U
86-73-7	Fluorene	5.00	U
118-74-1	Hexachlorobenzene	5.00	U
87-86-5	Pentachlorophenol	5.00	4.J, U
85-01-8	Phenanthrene	5.00	U
120-12-7	Anthracene	5.00	U
206-44-0	Fluoranthene	5.00	U
129-00-0	Pyrene	5.00	U
56-55-3	Benzo(a)anthracene	5.00	U
218-01-9	Chrysene	5.00	U
205-99-2	Benzo(b)fluoranthene	5.00	4.K, U
207-08-9	Benzo(k)fluoranthene	5.00	U
50-32-8	Benzo(a)pyrene	5.00	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	4.K, U
53-70-3	Dibenzo(a,h)anthracene	5.00	U
191-24-2	Benzo(g,h,i)perylene	5.00	U

* Values outside of QC limits

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411001	Instrument:	ChemStation06
		Calibration Date:	3/13/2024 3:55:31PM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
2-Fluorophenol	132.2145	117.0796	110.1319	107.0729	112.4632	114.9666
Phenol-d6	166.4561	138.4671	132.0838	133.6527	136.5397	141.2797
Phenol	182.0997	153.5991	155.4074	150.3843	148.4088	144.0076
2-Methylphenol	118.5241	93.19719	105.8065	110.3868	101.8304	105.696
3/4-Methylphenol (m-Cresol/p-Cresol)	142.4834	129.2177	124.4103	125.2407	123.8827	128.5706
Nitrobenzene-d5	158.3495	117.8328	128.247	129.5502	129.7666	128.616
Naphthalene	106.3706	100.7512	104.8169	102.2779	99.13281	104.0155
2-Fluorobiphenyl	92.13019	82.43962	79.81259	82.14784	78.56107	83.48946
Acenaphthylene	117.8034	101.1201	96.45672	97.16338	95.84847	100.8136
Acenaphthene	119.6536	110.2035	110.4201	109.3171	102.308	108.5928
Dibenzofuran	174.3417	167.8791	170.6154	169.3434	163.4903	172.5044
Fluorene	149.296	135.4876	142.5059	132.8776	136.818	139.4237
2,4,6-Tribromophenol	23.455	19.53321	22.08804	21.0064	20.02566	20.60074
Hexachlorobenzene	58.35085	48.2087	51.09053	47.47603	48.67514	48.54753
Pentachlorophenol	40.41198	28.05443	30.22273	27.9119	29.32452	31.71406
Phenanthrene	110.6478	100.4411	102.6948	100.9672	104.1181	105.4387
Anthracene	109.6407	101.9686	99.75966	97.98898	101.1845	108.0094
Fluoranthene	126.2171	118.262	119.9173	115.8839	115.706	121.1093
Pyrene	127.3179	117.6519	120.8226	119.3082	119.655	124.3564
Terphenyl-d14	106.7613	98.20709	100.038	98.94942	96.10604	102.0345
Benzo(a)anthracene	124.7069	115.0065	112.6342	108.6338	109.2234	114.7062
Chrysene	117.5657	115.7866	122.163	115.2129	116.7632	119.946
Benzo(b)fluoranthene	119.6539	103.5579	101.6111	96.58772	120.4686	122.2498
Benzo(k)fluoranthene	124.2514	118.6274	133.4444	128.265	105.1239	117.4338
Benzo(a)pyrene	111.0419	99.03948	116.7203	93.55526	103.7076	111.5055
Indeno(1,2,3-cd)pyrene	115.3821	106.1816	102.912	99.79164	101.9801	114.8753
Dibenzo(a,h)anthracene	93.48193	91.18468	94.48223	85.6113	89.65146	101.0302
Benzo(g,h,i)perylene	94.67444	87.31463	92.33925	89.0917	88.38078	98.45125

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411001	Instrument:	ChemStation06
		Calibration Date:	3/13/2024 3:55:31PM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
2-Fluorophenol	118.7476	115.6057	116.6299			
Phenol-d6	137.3662	135.4239	137.7566			
Phenol	144.6914	141.1616	140.5749			
2-Methylphenol	110.0853	110.038	108.3168			
3/4-Methylphenol (m-Cresol/p-Cresol)	125.5377	123.7116	125.4226			
Nitrobenzene-d5	130.7713	129.9246	132.2149			
Naphthalene	103.1744	102.6195	104.7481			
2-Fluorobiphenyl	84.33854	83.72136	83.47296			
Acenaphthylene	102.866	101.6156	105.6856			
Acenaphthene	108.6441	110.7334	111.9275			
Dibenzofuran	167.8441	168.8747	170.6934			
Fluorene	138.4659	140.1081	141.2704			
2,4,6-Tribromophenol	20.70295	21.1841	22.22759			
Hexachlorobenzene	47.73517	49.77309	48.83663			
Pentachlorophenol	32.25906	33.51293	35.09132			
Phenanthrene	103.5838	106.7085	104.6186			
Anthracene	105.4638	110.442	108.9091			
Fluoranthene	118.1395	123.5559	123.9756			
Pyrene	120.0677	124.8155	121.4957			
Terphenyl-d14	101.2941	103.0283	103.323			
Benzo(a)anthracene	113.7425	116.7394	116.1834			
Chrysene	120.8629	123.3609	120.1235			
Benzo(b)fluoranthene	115.4265	117.174	111.8247			
Benzo(k)fluoranthene	127.4639	129.8083	132.7279			
Benzo(a)pyrene	111.0465	114.9092	113.4459			
Indeno(1,2,3-cd)pyrene	119.3536	122.9531	123.1661			
Dibenzo(a,h)anthracene	103.2367	105.8892	104.8851			
Benzo(g,h,i)perylene	98.43571	101.3399	104.0939			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411001	Instrument:	ChemStation06
		Calibration Date:	3/13/2024 3:55:31PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
2-Fluorophenol	116.1013	6.088821			20	
Phenol-d6	139.8918	7.375516			20	
Phenol	151.1483	8.415747			CCC (20)	
2-Methylphenol	107.0979	6.477791			20	
3/4-Methylphenol (m-Cresol/p-Cresol)	127.6086	4.625722			20	
Nitrobenzene-d5	131.697	8.215777			20	
Naphthalene	103.1008	2.151551			20	
2-Fluorobiphenyl	83.34596	4.568041			20	
Acenaphthylene	102.1525	6.550079			20	
Acenaphthene	110.2	4.067771			CCC (20)	
Dibenzofuran	169.5096	1.830663			20	
Fluorene	139.5837	3.366626			20	
2,4,6-Tribromophenol	21.20263	5.711192			20	
Hexachlorobenzene	49.85485	6.754398			20	
Pentachlorophenol	32.05588	12.3471			CCC (20)	
Phenanthrene	104.3576	2.964854			20	
Anthracene	104.8185	4.471875			20	
Fluoranthene	120.3074	3.073093			CCC (20)	
Pyrene	121.7212	2.56665			20	
Terphenyl-d14	101.0824	3.141657			20	
Benzo(a)anthracene	114.6196	4.12123			20	
Chrysene	119.0872	2.417571			20	
Benzo(b)fluoranthene	112.0616	8.291095			20	
Benzo(k)fluoranthene	124.1273	7.30358			20	
Benzo(a)pyrene	108.3302	7.229193			CCC (20)	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L411001	Instrument:	ChemStation06
		Calibration Date:	3/13/2024 3:55:31PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Indeno(1,2,3-cd)pyrene	111.844	8.268032			20	
Dibenzo(a,h)anthracene	96.60587	7.59935			20	
Benzo(g,h,i)perylene	94.90239	6.36054			20	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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INITIAL CALIBRATION STANDARDS

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S411030	Instrument:	ChemStation06
Calibration:	L411001		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2401487	8270 SW CAL1 1ppm	S411030-CAL1	SEQ-CAL1.D	03/12/24 16:38
2401488	8270 SW CAL2 2ppm	S411030-CAL2	SEQ-CAL2.D	03/12/24 17:09
2401489	8270 SW CAL3 3ppm	S411030-CAL3	SEQ-CAL3.D	03/12/24 17:41
2401490	8270 SW CAL4 5ppm	S411030-CAL4	SEQ-CAL4.D	03/12/24 18:14
2401491	8270 SW CAL5 10ppm	S411030-CAL5	SEQ-CAL5.D	03/12/24 18:47
2401492	8270 SW CAL6 20ppm	S411030-CAL6	SEQ-CAL6.D	03/12/24 19:19
2401494	8270 SW CAL7 30ppm	S411030-CAL7	SEQ-CAL7.D	03/12/24 19:51
2401495	8270 SW CAL8 40ppm	S411030-CAL8	SEQ-CAL8.D	03/12/24 20:23
2401496	8270 SW CAL9 50ppm	S411030-CAL9	SEQ-CAL9.D	03/12/24 20:55

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
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PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

Laboratory:	Work Order:
Client:	Project:
Instrument ID:	Calibration:
Lab File ID:	Calibration Date:
Sequence:	Injection Date:
Lab Sample ID:	Injection Time:

				RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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NJDEP# NY012
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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation06	Calibration:	L411001
Lab File ID:	SEQ-CCV1.D	Calibration Date:	03/13/24 15:55
Sequence:	S414013	Injection Date:	04/01/24
Lab Sample ID:	S414013-CCV1	Injection Time:	11:08

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Phenol	A	20.0	20.5	151.1483	146.7372		-2.9	20
2-Methylphenol	A	20.0	20.5	107.0979	111.2329		3.9	20
3/4-Methylphenol (m-Cresol/p-Cresol)	A	20.0	20.7	127.6086	129.8857		1.8	20
Naphthalene	A	20.0	19.9	103.1008	102.887		-0.2	20
Acenaphthylene	A	20.0	20.4	102.1525	102.0248		-0.1	20
Acenaphthene	A	20.0	19.8	110.2	106.203		-3.6	20
Dibenzofuran	A	20.0	20.2	169.5096	170.5011		0.6	20
Fluorene	A	20.0	19.8	139.5837	138.6415		-0.7	20
Hexachlorobenzene	A	20.0	19.0	49.85485	46.52761		-6.7	20
Pentachlorophenol	A	20.0	18.1	32.05588	29.84551		-6.9	20
Phenanthrene	A	20.0	20.4	104.3576	107.3345		2.9	20
Anthracene	A	20.0	19.7	104.8185	106.9114		2.0	20
Fluoranthene	A	20.0	19.9	120.3074	122.0385		1.4	20
Pyrene	A	20.0	20.2	121.7212	123.4214		1.4	20
Benzo(a)anthracene	A	20.0	20.6	114.6196	118.9983		3.8	20
Chrysene	A	20.0	19.9	119.0872	120.2176		0.9	20
Benzo(b)fluoranthene	A	20.0	21.7	112.0616	123.7051		10.4	20
Benzo(k)fluoranthene	A	20.0	19.4	124.1273	118.6704		-4.4	20
Benzo(a)pyrene	A	20.0	20.4	108.3302	112.6464		4.0	20
Indeno(1,2,3-cd)pyrene	A	20.0	21.6	111.844	125.3053		12.0	20
Dibenzo(a,h)anthracene	A	20.0	21.9	96.60587	110.796		14.7	20
Benzo(g,h,i)perylene	A	20.0	22.4	94.90239	108.3917		14.2	20
2-Fluorophenol	A	20.0	19.7	116.1013	114.5054		-1.4	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8270E

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation06	Calibration:	L411001
Lab File ID:	SEQ-CCV1.D	Calibration Date:	03/13/24 15:55
Sequence:	S414013	Injection Date:	04/01/24
Lab Sample ID:	S414013-CCV1	Injection Time:	11:08

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Phenol-d6	A	20.0	20.0	139.8918	137.369		-1.8	20
Nitrobenzene-d5	A	20.0	20.2	131.697	132.2607		0.4	20
2-Fluorobiphenyl	A	20.0	20.0	83.34596	83.34861		0.003	20
2,4,6-Tribromophenol	A	20.0	20.7	21.20263	22.13194		4.4	20
Terphenyl-d14	A	20.0	20.7	101.0824	104.5344		3.4	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG
ISLAND
ANALYTICAL
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

QC DATA

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B413208-BLK1	File ID:	B413208-BLK1.D
Sampled:		Prepared:	03/29/24 12:58	Analyzed:	04/01/24 16:03
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B413208	Sequence:	S414013	Calibration:	L411001
Instrument:	ChemStation06				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
108-95-2	Phenol	150	U
95-48-7	2-Methylphenol	300	U
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	150	U
91-20-3	Naphthalene	200	U
208-96-8	Acenaphthylene	150	U
83-32-9	Acenaphthene	200	U
132-64-9	Dibenzofuran	200	U
86-73-7	Fluorene	200	U
118-74-1	Hexachlorobenzene	200	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
206-44-0	Fluoranthene	200	U
129-00-0	Pyrene	200	U
56-55-3	Benzo(a)anthracene	150	U
218-01-9	Chrysene	200	U
205-99-2	Benzo(b)fluoranthene	300	U
207-08-9	Benzo(k)fluoranthene	150	U
50-32-8	Benzo(a)pyrene	150	U
193-39-5	Indeno(1,2,3-cd)pyrene	150	U
53-70-3	Dibenzo(a,h)anthracene	150	U
191-24-2	Benzo(g,h,i)perylene	150	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B413208-BS1	File ID:	B413208-BS1.D
Sampled:		Prepared:	03/29/24 12:58	Analyzed:	04/01/24 16:35
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B413208	Sequence:	S414013	Calibration:	L411001
Instrument:	ChemStation06				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
108-95-2	Phenol	801	
95-48-7	2-Methylphenol	803	
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	838	
91-20-3	Naphthalene	785	
208-96-8	Acenaphthylene	807	
83-32-9	Acenaphthene	797	
132-64-9	Dibenzofuran	791	
86-73-7	Fluorene	783	
118-74-1	Hexachlorobenzene	769	
87-86-5	Pentachlorophenol	659	
85-01-8	Phenanthrene	778	
120-12-7	Anthracene	760	
206-44-0	Fluoranthene	805	
129-00-0	Pyrene	800	
56-55-3	Benzo(a)anthracene	810	
218-01-9	Chrysene	840	
205-99-2	Benzo(b)fluoranthene	940	
207-08-9	Benzo(k)fluoranthene	794	
50-32-8	Benzo(a)pyrene	848	
193-39-5	Indeno(1,2,3-cd)pyrene	877	
53-70-3	Dibenzo(a,h)anthracene	879	
191-24-2	Benzo(g,h,i)perylene	908	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B413208-MS1	File ID:	B413208-MS1.D
Sampled:		Prepared:	03/29/24 12:58	Analyzed:	04/01/24 17:07
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B413208	Sequence:	S414013	Calibration:	L411001
Column:	1				

Instrument: ChemStation06

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
108-95-2	Phenol	1050	
95-48-7	2-Methylphenol	1080	
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	1100	
91-20-3	Naphthalene	1050	
208-96-8	Acenaphthylene	1090	
83-32-9	Acenaphthene	1160	
132-64-9	Dibenzofuran	1120	
86-73-7	Fluorene	1140	
118-74-1	Hexachlorobenzene	1140	
87-86-5	Pentachlorophenol	812	
85-01-8	Phenanthrene	1180	
120-12-7	Anthracene	1110	
206-44-0	Fluoranthene	1290	
129-00-0	Pyrene	1250	
56-55-3	Benzo(a)anthracene	1190	
218-01-9	Chrysene	1270	
205-99-2	Benzo(b)fluoranthene	1410	
207-08-9	Benzo(k)fluoranthene	1190	
50-32-8	Benzo(a)pyrene	1290	
193-39-5	Indeno(1,2,3-cd)pyrene	1280	
53-70-3	Dibenzo(a,h)anthracene	1200	
191-24-2	Benzo(g,h,i)perylene	1320	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B413208-MSD1	File ID:	B413208-MSD1.D
Sampled:		Prepared:	03/29/24 12:58	Analyzed:	04/01/24 17:39
Solids:		Preparation:	EPA 3545 A	Dilution:	
Batch:	B413208	Sequence:	S414013	Calibration:	L411001
Instrument:	ChemStation06				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
108-95-2	Phenol	987	
95-48-7	2-Methylphenol	1010	
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	1040	
91-20-3	Naphthalene	982	
208-96-8	Acenaphthylene	1060	
83-32-9	Acenaphthene	1010	
132-64-9	Dibenzofuran	1010	
86-73-7	Fluorene	1000	
118-74-1	Hexachlorobenzene	981	
87-86-5	Pentachlorophenol	813	
85-01-8	Phenanthrene	1090	
120-12-7	Anthracene	1050	
206-44-0	Fluoranthene	1170	
129-00-0	Pyrene	1160	
56-55-3	Benzo(a)anthracene	1080	
218-01-9	Chrysene	1170	
205-99-2	Benzo(b)fluoranthene	1270	
207-08-9	Benzo(k)fluoranthene	1130	
50-32-8	Benzo(a)pyrene	1220	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	
53-70-3	Dibenzo(a,h)anthracene	1100	
191-24-2	Benzo(g,h,i)perylene	1210	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Non-Potable Water	Laboratory ID:	B414034-BLK1	File ID:	B414034-BLK1real.D
Sampled:		Prepared:	04/01/24 13:05	Analyzed:	04/08/24 22:32
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414034	Sequence:	S414005	Calibration:	L414001
Column:	1				

Instrument: ChemStation04

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-95-2	Phenol	5.00	U
95-48-7	2-Methylphenol	5.00	U
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	5.00	U
91-20-3	Naphthalene	5.00	U
208-96-8	Acenaphthylene	5.00	U
83-32-9	Acenaphthene	5.00	U
132-64-9	Dibenzofuran	5.00	U
86-73-7	Fluorene	5.00	U
118-74-1	Hexachlorobenzene	5.00	U
87-86-5	Pentachlorophenol	5.00	4.J, U
85-01-8	Phenanthrene	5.00	U
120-12-7	Anthracene	5.00	U
206-44-0	Fluoranthene	5.00	U
129-00-0	Pyrene	5.00	U
56-55-3	Benzo(a)anthracene	5.00	U
218-01-9	Chrysene	5.00	U
205-99-2	Benzo(b)fluoranthene	5.00	4.K, U
207-08-9	Benzo(k)fluoranthene	5.00	U
50-32-8	Benzo(a)pyrene	5.00	U
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	4.K, U
53-70-3	Dibenzo(a,h)anthracene	5.00	U
191-24-2	Benzo(g,h,i)perylene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414034-BS1	File ID:	B414034-BS1real.D
Sampled:		Prepared:	04/01/24 13:05	Analyzed:	04/08/24 23:15
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414034	Sequence:	S414005	Calibration:	L414001
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-95-2	Phenol	49.9	
95-48-7	2-Methylphenol	77.8	
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	72.0	
91-20-3	Naphthalene	69.3	
208-96-8	Acenaphthylene	74.1	
83-32-9	Acenaphthene	72.4	
132-64-9	Dibenzofuran	73.3	
86-73-7	Fluorene	72.8	
118-74-1	Hexachlorobenzene	72.6	
87-86-5	Pentachlorophenol	57.0	4.J
85-01-8	Phenanthrene	74.5	
120-12-7	Anthracene	76.8	
206-44-0	Fluoranthene	75.8	
129-00-0	Pyrene	75.2	
56-55-3	Benzo(a)anthracene	80.6	
218-01-9	Chrysene	76.1	
205-99-2	Benzo(b)fluoranthene	99.5	4.K
207-08-9	Benzo(k)fluoranthene	77.5	
50-32-8	Benzo(a)pyrene	79.4	
193-39-5	Indeno(1,2,3-cd)pyrene	93.8	4.K
53-70-3	Dibenzo(a,h)anthracene	89.3	
191-24-2	Benzo(g,h,i)perylene	81.6	

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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414034-MS1	File ID:	B414034-MS1real.D
Sampled:		Prepared:	04/01/24 13:05	Analyzed:	04/08/24 23:57
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414034	Sequence:	S414005	Calibration:	L414001
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-95-2	Phenol	42.0	
95-48-7	2-Methylphenol	67.2	
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	61.4	
91-20-3	Naphthalene	55.6	
208-96-8	Acenaphthylene	57.5	
83-32-9	Acenaphthene	57.4	
132-64-9	Dibenzofuran	56.3	
86-73-7	Fluorene	57.8	
118-74-1	Hexachlorobenzene	59.5	
87-86-5	Pentachlorophenol	34.1	4.J
85-01-8	Phenanthrene	64.4	
120-12-7	Anthracene	66.9	
206-44-0	Fluoranthene	74.6	
129-00-0	Pyrene	72.9	
56-55-3	Benzo(a)anthracene	82.4	
218-01-9	Chrysene	76.5	
205-99-2	Benzo(b)fluoranthene	97.8	4.K
207-08-9	Benzo(k)fluoranthene	81.0	
50-32-8	Benzo(a)pyrene	81.7	
193-39-5	Indeno(1,2,3-cd)pyrene	93.8	4.K
53-70-3	Dibenzo(a,h)anthracene	89.3	
191-24-2	Benzo(g,h,i)perylene	81.9	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B414034-MSD1	File ID:	B414034-MSD1real.D
Sampled:		Prepared:	04/01/24 13:05	Analyzed:	04/09/24 00:39
Solids:		Preparation:	EPA 3510 C	Dilution:	
Batch:	B414034	Sequence:	S414005	Calibration:	L414001
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-95-2	Phenol	20.3	4.T
95-48-7	2-Methylphenol	47.5	4.T
108-39-4/106-44-5	3/4-Methylphenol (m-Cresol/p-Cresol)	31.8	4.T
91-20-3	Naphthalene	50.6	
208-96-8	Acenaphthylene	54.9	
83-32-9	Acenaphthene	52.4	
132-64-9	Dibenzofuran	54.3	
86-73-7	Fluorene	50.0	
118-74-1	Hexachlorobenzene	55.9	
87-86-5	Pentachlorophenol	11.2	4.J, 4.T, 4.V
85-01-8	Phenanthrene	60.7	
120-12-7	Anthracene	62.3	
206-44-0	Fluoranthene	68.6	
129-00-0	Pyrene	66.8	
56-55-3	Benzo(a)anthracene	75.2	
218-01-9	Chrysene	70.7	
205-99-2	Benzo(b)fluoranthene	90.4	4.K
207-08-9	Benzo(k)fluoranthene	73.8	
50-32-8	Benzo(a)pyrene	74.0	
193-39-5	Indeno(1,2,3-cd)pyrene	88.6	4.K
53-70-3	Dibenzo(a,h)anthracene	84.4	
191-24-2	Benzo(g,h,i)perylene	77.3	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : SEQ-CCV1.D
Acq On : 1 Apr 2024 11:08 am
Operator : CC
Sample : SEQ-CCV1
Misc : CHEM06
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 01 12:59:51 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	9.150	152	370358	20.0000	ppm		0.0000
30) Naphthalene-d8	11.362	136	1346698	20.0000	ppm	#	0.0000
47) Acenaphthene-d10	14.261	162	787988	20.0000	ppm		0.0000
65) Phenanthrene-d10	16.624	188	1505617	20.0000	ppm	#	0.0000
78) Chrysene-d12	20.885	240	1436701	20.0000	ppm		0.0000
86) Perylene-d12	23.015	264	1331708	20.0000	ppm		0.0000
System Monitoring Compounds							
4) 2-Fluorophenol	6.741	112	424080	19.6690	ppm		0.0000
6) Phenol-d6	8.708	99	508757	19.9986	ppm		0.0000
21) Nitrobenzene-d5	10.198	82	489838	20.2391	ppm		0.0000
40) 2-Fluorobiphenyl	13.202	172	1122454	19.9920	ppm		0.0000
60) 2,4,6-Tribromophenol	15.553	330	174397	20.7362	ppm		0.0000
75) Terphenyl-d14	19.244	244	1573888	20.7236	ppm		0.0000
Target Compounds							Qvalue
2) Pyridine	3.318	79	394892	18.4535	ppm	#	76
3) N-Nitrosodimethylamine	3.330	74	216233	20.4310	ppm		92
5) Benzaldehyde	8.359	106	338704	37.5364	ppm		95
7) Phenol	8.731	94	543453	20.5232	ppm	#	82
8) Aniline	8.650	93	594220	20.3051	ppm		96
9) 2-Chlorophenol	8.836	128	493320	21.0442	ppm		96
10) Bis(2-chloroethyl)ether	8.813	93	403994	19.9793	ppm	#	72
11) 1,3-Dichlorobenzene	9.081	146	549382	20.3676	ppm		99
12) 1,4-Dichlorobenzene	9.174	146	537781	20.6652	ppm		97
13) Benzyl alcohol	9.500	108	291657	19.7321	ppm		94
14) 1,2-Dichlorobenzene	9.511	146	538679	20.4331	ppm		98
15) 2-Methylphenol	9.779	108	411960	20.5252	ppm		94
16) 2,2'-Oxybis(1-Chloropr...	9.791	45	407561	20.4589	ppm	#	63
17) Hexachloroethane	10.035	117	213610	20.8593	ppm		90
18) 3/4-Methylphenol	10.035	107	481042	20.7221	ppm		95
19) N-Nitroso-di-n-propyla...	10.024	70	286597	20.3590	ppm		97
20) Acetophenone	9.942	105	626952	20.5982	ppm	#	67
22) Nitrobenzene	10.221	77	473532	20.2719	ppm		96
23) Isophorone	10.641	82	803955	19.9841	ppm		97
24) 2-Nitrophenol	10.780	139	241200	19.2843	ppm	#	86
25) 2,4-Dimethylphenol	10.920	122	410568	19.9071	ppm		93
26] Benzoic Acid	11.087	122	203041	19.6405	ppm	#	52
27) Bis(2-chloroethoxy)met...	11.071	93	500094	20.3021	ppm		98
28) 2,4-Dichlorophenol	11.188	162	429591	20.8362	ppm		99
29) 1,2,4-Trichlorobenzene	11.304	180	483762	20.7047	ppm		97
31) Naphthalene	11.397	128	1385577	19.8927	ppm	#	1
32) 4-Chloroaniline	11.560	127	534590	19.5461	ppm		98
33) Hexachlorobutadiene	11.735	225	339741	20.4636	ppm		99
34) Caprolactam	12.049	55	159634	20.1316	ppm	#	74
35) 4-Chloro-3-Methylphenol	12.410	107	409176	20.2966	ppm		92
36) 2-Methylnaphthalene	12.550	142	936315	19.9591	ppm		97
37) Hexachlorocyclopentadiene	12.934	237	333002	19.6160	ppm		98
38) 2,4,6-Trichlorophenol	13.074	196	322849	20.1269	ppm		98

39)	2,4,5-Trichlorophenol	13.143	196	336080	19.8503 ppm		97
41)	2-Chloronaphthalene	13.388	162	892271	19.9328 ppm		99
42)	1,1'-Biphenyl	13.341	154	1193843	20.3254 ppm		98
43)	2-Nitroaniline	13.574	138	297683	20.3812 ppm		89
44)	Dimethyl phthalate	13.958	163	1080171	20.8030 ppm	#	93
45)	Acenaphthylene	14.005	152	1373966	20.4467 ppm		99
46)	2,6-Dinitrotoluene	14.052	165	239189	20.2530 ppm		92
48)	3-Nitroaniline	13.574	138	297683	19.6990 ppm	#	64
49)	Acenaphthene	14.308	154	836867	19.7679 ppm		94
50]	2,4-Dinitrophenol	14.417	184	125823	20.8326 ppm	#	61
51)	Dibenzofuran	14.575	168	1343528	20.2137 ppm	#	74
52]	4-Nitrophenol	14.568	65	188302	19.9433 ppm	#	82
53)	2,4-Dinitrotoluene	14.669	165	306634	18.9354 ppm	#	83
54)	Fluorene	15.123	166	1092478	19.7760 ppm		97
55)	Diethyl phthalate	15.111	149	1010303	19.5006 ppm		97
56)	4-Chlorophenyl phenyl ...	15.157	204	565058	20.1821 ppm		100
57)	4-Nitroaniline	15.239	138	253003	20.5132 ppm	#	85
58]	4,6-dinitro-2-methylph...	15.313	198	169111	21.0300 ppm	#	67
59)	N-Nitrosodiphenylamine	15.367	169	920711	20.0871 ppm		98
61)	1,2-Diphenylhydrazine/...	15.402	77	1979168	19.3497 ppm		95
62)	4-Bromophenyl phenyl e...	15.937	248	348953	20.0243 ppm		99
63)	Hexachlorobenzene	16.135	284	366632	19.0400 ppm		97
64)	Pentachlorophenol	16.438	266	235179	18.0657 ppm		95
66)	Atrazine	16.310	200	316909	19.9011 ppm	#	86
67)	Phenanthrene	16.659	178	1616046	20.3722 ppm		99
68)	Anthracene	16.729	178	1609676	19.7038 ppm		100
69)	Carbazole	17.020	167	1516206	20.7904 ppm	#	1
70)	Di-n-butyl phthalate	17.742	149	1788781	20.0425 ppm		99
71)	Fluoranthene	18.568	202	1837432	19.9242 ppm	#	96
72)	Parathion (Ethyl)	18.010	109	191289	20.7139 ppm	#	89
73)	Pyrene	18.918	202	1858253	20.1694 ppm		98
74)	Benzidine	18.836	184	602110	36.0899 ppm	#	93
76)	Butyl benzyl phthalate	20.128	149	781800	21.6751 ppm		98
77)	Benzo(a)anthracene	20.862	228	1791658	20.5744 ppm		99
79)	Chrysene	20.932	228	1727167	19.8571 ppm		99
80)	3,3'-Dichlorobenzidine	20.885	252	671650	23.6628 ppm		99
81)	Bis(2-ethylhexyl)phtha...	21.130	149	1079058	22.3557 ppm		98
82)	Di-n-octyl phthalate	22.061	149	1764899	24.2761 ppm	#	97
83)	Benzo(b)fluoranthene	22.492	252	1777273	21.6552 ppm		97
84)	Benzo(k)fluoranthene	22.526	252	1704939	19.4028 ppm		99
85)	Benzo(a)pyrene	22.934	252	1618392	20.3620 ppm		98
87)	Indeno(1,2,3-cd)pyrene	24.412	276	1668701	21.5723 ppm	#	89
88)	Dibenzo(a,h)anthracene	24.436	278	1475479	21.8620 ppm		96
89)	Benzo(g,h,i)perylene	24.773	276	1443461	22.3960 ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:59:34 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : B413208-MSD1.D
Acq On : 1 Apr 2024 5:39 pm
Operator : CC
Sample : B413208-MSD1
Misc : CHEM06
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 09:06:47 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	9.150	152	482062	20.0000	ppm		0.0000
30) Naphthalene-d8	11.362	136	1708636	20.0000	ppm		0.0000
47) Acenaphthene-d10	14.261	162	988641	20.0000	ppm		0.0000
65) Phenanthrene-d10	16.624	188	1811316	20.0000	ppm	#	0.0000
78) Chrysene-d12	20.885	240	1590993	20.0000	ppm		0.0000
86) Perylene-d12	23.015	264	1614707	20.0000	ppm		0.0000
System Monitoring Compounds							
4) 2-Fluorophenol	6.764	112	592945	21.1285	ppm		0.0232
6) Phenol-d6	8.720	99	772828	23.3482	ppm		0.0116
21) Nitrobenzene-d5	10.198	82	686527	21.7845	ppm		0.0000
40) 2-Fluorobiphenyl	13.202	172	1586791	22.2622	ppm		0.0000
60) 2,4,6-Tribromophenol	15.553	330	238875	22.6014	ppm		0.0000
75) Terphenyl-d14	19.255	244	2168551	23.6703	ppm		0.0116
Target Compounds							Qvalue
2) Pyridine	3.330	79	209926	7.5185	ppm	#	73
3) N-Nitrosodimethylamine	3.330	74	140738	10.2164	ppm	#	84
5) Benzaldehyde	8.359	106	244072	22.1219	ppm		93
7) Phenol	8.743	94	407607	11.6557	ppm	#	77
8) Aniline	8.661	93	227175	6.2428	ppm		98
9) 2-Chlorophenol	8.848	128	355906	11.6348	ppm		96
10) Bis(2-chloroethyl)ether	8.813	93	296326	11.1771	ppm	#	79
11) 1,3-Dichlorobenzene	9.081	146	350623	10.0892	ppm		95
12) 1,4-Dichlorobenzene	9.185	146	358354	10.6087	ppm		98
13) Benzyl alcohol	9.500	108	216868	11.3004	ppm		86
14) 1,2-Dichlorobenzene	9.511	146	361270	10.5793	ppm		98
15) 2-Methylphenol	9.779	108	308118	11.8743	ppm		95
16) 2,2'-Oxybis(1-Chloropr...	9.791	45	296001	11.2837	ppm	#	60
17) Hexachloroethane	10.035	117	57887	4.1362	ppm		95
18) 3/4-Methylphenol	10.047	107	372281	12.2854	ppm		93
19) N-Nitroso-di-n-propyla...	10.024	70	215321	11.6648	ppm		95
20) Acetophenone	9.942	105	463145	11.6301	ppm	#	66
22) Nitrobenzene	10.221	77	345526	11.4141	ppm		92
23) Isophorone	10.640	82	571114	10.9269	ppm		94
24) 2-Nitrophenol	10.780	139	171825	10.7208	ppm	#	89
25) 2,4-Dimethylphenol	10.920	122	323575	11.9984	ppm		99
26] Benzoic Acid	11.076	122	127802	9.9727	ppm	#	50
27) Bis(2-chloroethoxy)met...	11.071	93	357185	11.1044	ppm		98
28) 2,4-Dichlorophenol	11.188	162	318637	11.8855	ppm		97
29) 1,2,4-Trichlorobenzene	11.304	180	351157	11.5417	ppm		95
31) Naphthalene	11.397	128	1020235	11.5956	ppm	#	1
32) 4-Chloroaniline	11.572	127	165896	5.2154	ppm		99
33) Hexachlorobutadiene	11.735	225	235301	11.2846	ppm		99
34) Caprolactam	12.061	55	108513	10.7866	ppm	#	56
35) 4-Chloro-3-Methylphenol	12.410	107	297400	11.6800	ppm		94
36) 2-Methylnaphthalene	12.550	142	690152	11.6074	ppm		96
37) Hexachlorocyclopentadiene	0.000		0	N.D.			
38) 2,4,6-Trichlorophenol	13.074	196	228513	11.3098	ppm		96

39)	2,4,5-Trichlorophenol	13.143	196	247462	11.5768 ppm		97
41)	2-Chloronaphthalene	13.388	162	668288	11.7717 ppm		98
42)	1,1'-Biphenyl	13.341	154	890012	11.9699 ppm		97
43)	2-Nitroaniline	13.574	138	242745	13.3053 ppm	#	89
44)	Dimethyl phthalate	13.958	163	800939	12.2608 ppm	#	88
45)	Acenaphthylene	14.005	152	1055799	12.5387 ppm		99
46)	2,6-Dinitrotoluene	14.051	165	169377	11.3552 ppm		93
48)	3-Nitroaniline	13.574	138	242745	12.9804 ppm	#	64
49)	Acenaphthene	14.308	154	626488	11.8925 ppm		94
50]	2,4-Dinitrophenol	14.417	184	15364	3.0988 ppm	#	57
51)	Dibenzofuran	14.575	168	992568	11.9172 ppm	#	76
52]	4-Nitrophenol	14.568	65	144199	12.4496 ppm	#	79
53)	2,4-Dinitrotoluene	14.668	165	214880	10.7928 ppm	#	80
54)	Fluorene	15.122	166	821324	11.8501 ppm		98
55)	Diethyl phthalate	15.111	149	767462	11.8918 ppm		96
56)	4-Chlorophenyl phenyl ...	15.157	204	404597	11.5525 ppm		98
57)	4-Nitroaniline	15.239	138	60737	4.2632 ppm	#	62
58]	4,6-dinitro-2-methylph...	15.313	198	41711	5.2750 ppm	#	67
59)	N-Nitrosodiphenylamine	15.367	169	692543	12.1102 ppm		97
61)	1,2-Diphenylhydrazine/...	15.402	77	930665	7.3164 ppm	#	92
62)	4-Bromophenyl phenyl e...	15.937	248	254619	11.7297 ppm		97
63)	Hexachlorobenzene	16.135	284	279714	11.5881 ppm		96
64)	Pentachlorophenol	16.438	266	150414	9.6090 ppm		99
66)	Atrazine	16.310	200	230186	12.0599 ppm	#	85
67)	Phenanthrene	16.659	178	1231549	12.9049 ppm		99
68)	Anthracene	16.729	178	1218926	12.4025 ppm		98
69)	Carbazole	17.020	167	1065057	12.1394 ppm	#	1
70)	Di-n-butyl phthalate	17.742	149	1324422	12.4563 ppm		98
71)	Fluoranthene	18.580	202	1535450	13.8396 ppm	#	95
72)	Parathion (Ethyl)	18.010	109	141752	13.0275 ppm	#	89
73)	Pyrene	18.929	202	1522922	13.7400 ppm		99
74)	Benzidine	18.859	184	5315	N.D.		
76)	Butyl benzyl phthalate	20.140	149	586142	13.7674 ppm		97
77)	Benzo(a)anthracene	20.862	228	1332541	12.7196 ppm		99
79)	Chrysene	20.932	228	1336396	13.8744 ppm		98
80)	3,3'-Dichlorobenzidine	20.908	252	20150	0.7031 ppm	#	38
81)	Bis(2-ethylhexyl)phtha...	21.129	149	808069	15.3381 ppm		99
82)	Di-n-octyl phthalate	22.061	149	1279692	16.4177 ppm	#	95
83)	Benzo(b)fluoranthene	22.503	252	1367748	15.0492 ppm		95
84)	Benzo(k)fluoranthene	22.526	252	1295261m	13.3110 ppm		
85)	Benzo(a)pyrene	22.946	252	1256257	14.4158 ppm		99
87)	Indeno(1,2,3-cd)pyrene	24.412	276	1294706	14.1352 ppm	#	88
88)	Dibenzo(a,h)anthracene	24.447	278	1036557	12.9697 ppm		96
89)	Benzo(g,h,i)perylene	24.773	276	1090431	14.2953 ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:59:25 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : B413208-MS1.D
Acq On : 1 Apr 2024 5:07 pm
Operator : CC
Sample : B413208-MS1
Misc : CHEM06
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 09:05:03 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	9.150	152	445905	20.0000	ppm		0.0000
30) Naphthalene-d8	11.362	136	1627831	20.0000	ppm	#	0.0000
47) Acenaphthene-d10	14.261	162	904466	20.0000	ppm		0.0000
65) Phenanthrene-d10	16.613	188	1717544	20.0000	ppm	#	-0.0117
78) Chrysene-d12	20.885	240	1499756	20.0000	ppm		0.0000
86) Perylene-d12	23.015	264	1515623	20.0000	ppm		0.0000
System Monitoring Compounds							
4) 2-Fluorophenol	6.752	112	610072	23.5015	ppm		0.0115
6) Phenol-d6	8.708	99	786837	25.7041	ppm		0.0000
21) Nitrobenzene-d5	10.198	82	666007	22.8417	ppm		0.0000
40) 2-Fluorobiphenyl	13.202	172	1652869	24.3295	ppm		0.0000
60) 2,4,6-Tribromophenol	15.553	330	240708	24.8536	ppm		0.0000
75) Terphenyl-d14	19.244	244	2197100	25.2550	ppm		0.0000
Target Compounds							Qvalue
2) Pyridine	3.318	79	205350	7.9517	ppm	#	78
3) N-Nitrosodimethylamine	3.318	74	136675	10.7259	ppm	#	72
5) Benzaldehyde	8.359	106	236964	23.0868	ppm		93
7) Phenol	8.731	94	402244	12.4619	ppm	#	74
8) Aniline	8.650	93	222903	6.5997	ppm		96
9) 2-Chlorophenol	8.836	128	363631	12.8582	ppm		96
10) Bis(2-chloroethyl)ether	8.813	93	296221	12.0942	ppm	#	74
11) 1,3-Dichlorobenzene	9.080	146	372617	11.5616	ppm		100
12) 1,4-Dichlorobenzene	9.174	146	363467	11.6268	ppm		98
13) Benzyl alcohol	9.500	108	227885	12.8264	ppm		89
14) 1,2-Dichlorobenzene	9.511	146	365154	11.5503	ppm		98
15) 2-Methylphenol	9.779	108	307064	12.7787	ppm		97
16) 2,2'-Oxybis(1-Chloropr...	9.791	45	286672	11.8282	ppm	#	59
17) Hexachloroethane	10.035	117	66681	5.2149	ppm		97
18) 3/4-Methylphenol	10.047	107	363854	12.9859	ppm		97
19) N-Nitroso-di-n-propyla...	10.023	70	223081	13.0897	ppm		99
20) Acetophenone	9.942	105	485320	13.1937	ppm	#	64
22) Nitrobenzene	10.221	77	345101	12.3154	ppm		92
23) Isophorone	10.640	82	584124	12.0773	ppm		98
24) 2-Nitrophenol	10.780	139	149112	10.0808	ppm	#	78
25) 2,4-Dimethylphenol	10.920	122	325397	13.0565	ppm		97
26] Benzoic Acid	11.076	122	128447	10.7795	ppm	#	48
27) Bis(2-chloroethoxy)met...	11.071	93	384364	12.9313	ppm		99
28) 2,4-Dichlorophenol	11.188	162	321624	12.9672	ppm		99
29) 1,2,4-Trichlorobenzene	11.304	180	351119	12.4772	ppm		97
31) Naphthalene	11.397	128	1040305	12.4022	ppm	#	1
32) 4-Chloroaniline	11.560	127	158548	5.2301	ppm	#	95
33) Hexachlorobutadiene	11.735	225	237932	11.9618	ppm		99
34) Caprolactam	12.049	55	123080	12.8351	ppm	#	67
35) 4-Chloro-3-Methylphenol	12.410	107	319403	13.1511	ppm		96
36) 2-Methylnaphthalene	12.550	142	701832	12.3878	ppm		95
37) Hexachlorocyclopentadiene	0.000		0	N.D.			
38) 2,4,6-Trichlorophenol	13.074	196	231862	12.0332	ppm		96

	2,4,5-Trichlorophenol	13.132	196	256236	12.5706	ppm		98
1)	2-Chloronaphthalene	13.376	162	682952	12.6263	ppm		99
42)	1,1'-Biphenyl	13.341	154	917170	12.9466	ppm		96
43)	2-Nitroaniline	13.574	138	257682	14.7713	ppm	#	88
44)	Dimethyl phthalate	13.958	163	806410	12.9510	ppm	#	93
45)	Acenaphthylene	14.005	152	1036774	12.9172	ppm		96
46)	2,6-Dinitrotoluene	14.051	165	179307	12.6068	ppm		97
48)	3-Nitroaniline	13.574	138	257682	14.9804	ppm	#	62
49)	Acenaphthene	14.307	154	662059	13.7166	ppm		95
50]	2,4-Dinitrophenol	14.417	184	15834	3.3723	ppm	#	60
51)	Dibenzofuran	14.575	168	1004802	13.1848	ppm	#	72
52]	4-Nitrophenol	14.568	65	147021	13.8035	ppm	#	79
53)	2,4-Dinitrotoluene	14.668	165	221029	12.0738	ppm	#	80
54)	Fluorene	15.122	166	854108	13.4700	ppm		98
55)	Diethyl phthalate	15.099	149	770139	13.0271	ppm		96
56)	4-Chlorophenyl phenyl ...	15.157	204	418661	13.0560	ppm		100
57)	4-Nitroaniline	15.239	138	84718	6.2804	ppm	#	71
58]	4,6-dinitro-2-methylph...	15.313	198	40595	5.5412	ppm	#	69
59)	N-Nitrosodiphenylamine	15.367	169	692053	13.2177	ppm		96
61)	1,2-Diphenylhydrazine/...	15.402	77	966169	8.2911	ppm	#	92
62)	4-Bromophenyl phenyl e...	15.937	248	273323	13.7283	ppm		94
63)	Hexachlorobenzene	16.135	284	296963	13.4435	ppm		97
64)	Pentachlorophenol	16.438	266	137412	9.5965	ppm		92
66)	Atrazine	16.310	200	235431	12.9993	ppm	#	90
67)	Phenanthrene	16.659	178	1265950	13.9896	ppm		99
68)	Anthracene	16.729	178	1218776	13.0780	ppm		99
69)	Carbazole	17.008	167	1099645	13.2179	ppm	#	1
70)	Di-n-butyl phthalate	17.742	149	1391952	13.7720	ppm		98
71)	Fluoranthene	18.568	202	1602225	15.2300	ppm	#	97
72)	Parathion (Ethyl)	18.009	109	160238	15.4127	ppm		86
73)	Pyrene	18.918	202	1549525	14.7433	ppm		99
74)	Benzidine	18.778	184	2190	Below Cal		#	1
76)	Butyl benzyl phthalate	20.128	149	592600	14.6444	ppm		96
77)	Benzo(a)anthracene	20.862	228	1401740	14.1106	ppm		99
79)	Chrysene	20.932	228	1362059	15.0011	ppm		99
80)	3,3'-Dichlorobenzidine	20.908	252	28701	1.0265	ppm	#	31
81)	Bis(2-ethylhexyl)phtha...	21.129	149	820213	16.4768	ppm		98
82)	Di-n-octyl phthalate	22.061	149	1306164	17.6831	ppm	#	96
83)	Benzo(b)fluoranthene	22.491	252	1432116	16.7160	ppm		96
84)	Benzo(k)fluoranthene	22.526	252	1285214m	14.0112	ppm		
85)	Benzo(a)pyrene	22.934	252	1257711	15.2845	ppm		99
87)	Indeno(1,2,3-cd)pyrene	24.412	276	1303206	15.1040	ppm	#	88
88)	Dibenzo(a,h)anthracene	24.436	278	1072272	14.2308	ppm		97
89)	Benzo(g,h,i)perylene	24.773	276	1124113	15.6339	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:59:14 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : B413208-BS1.D
Acq On : 1 Apr 2024 4:35 pm
Operator : CC
Sample : B413208-BS1
Misc : CHEM06
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 02 09:03:14 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	9.150	152	405784	20.0000	ppm		0.0000
30) Naphthalene-d8	11.362	136	1479061	20.0000	ppm	#	0.0000
47) Acenaphthene-d10	14.261	162	847166	20.0000	ppm		0.0000
65) Phenanthrene-d10	16.613	188	1626305	20.0000	ppm	#	-0.0117
78) Chrysene-d12	20.885	240	1481129	20.0000	ppm		0.0000
86) Perylene-d12	23.015	264	1450290	20.0000	ppm		0.0000
System Monitoring Compounds							
4) 2-Fluorophenol	6.752	112	525158	22.2306	ppm		0.0116
6) Phenol-d6	8.708	99	660176	23.6947	ppm		0.0000
21) Nitrobenzene-d5	10.198	82	610356	23.0020	ppm		0.0000
40) 2-Fluorobiphenyl	13.202	172	1432621	23.2140	ppm		0.0000
60) 2,4,6-Tribromophenol	15.553	330	209213	23.0917	ppm		0.0000
75) Terphenyl-d14	19.244	244	1961366	23.8407	ppm		0.0000
Target Compounds							Qvalue
2) Pyridine	3.306	79	208598	8.8779	ppm	#	70
3) N-Nitrosodimethylamine	3.318	74	126448	10.9045	ppm	#	80
5) Benzaldehyde	8.359	106	61118	8.2044	ppm		88
7) Phenol	8.731	94	353238	12.0116	ppm	#	74
8) Aniline	8.650	93	274027	8.7841	ppm		98
9) 2-Chlorophenol	8.836	128	321405	12.4869	ppm		96
10) Bis(2-chloroethyl)ether	8.813	93	259567	11.6386	ppm	#	79
11) 1,3-Dichlorobenzene	9.081	146	339408	11.5723	ppm		96
12) 1,4-Dichlorobenzene	9.174	146	317482	11.1623	ppm		96
13) Benzyl alcohol	9.500	108	185633	11.4897	ppm		90
14) 1,2-Dichlorobenzene	9.511	146	338706	11.7710	ppm		98
15) 2-Methylphenol	9.779	108	263040	12.0399	ppm		94
16) 2,2'-Oxybis(1-Chloropr...	9.791	45	254184	11.5171	ppm	#	59
17) Hexachloroethane	10.035	117	126855	11.1865	ppm		90
18) 3/4-Methylphenol	10.035	107	320440	12.5644	ppm		93
19) N-Nitroso-di-n-propyla...	10.024	70	190656	12.2807	ppm		98
20) Acetophenone	9.942	105	403947	12.0554	ppm	#	66
22) Nitrobenzene	10.221	77	291857	11.4531	ppm		97
23) Isophorone	10.640	82	537300	12.2071	ppm		100
24) 2-Nitrophenol	10.780	139	154838	11.4510	ppm	#	84
25) 2,4-Dimethylphenol	10.920	122	273913	12.0669	ppm		97
26] Benzoic Acid	11.099	122	5864	0.8537	ppm	#	59
27) Bis(2-chloroethoxy)met...	11.071	93	315269	11.6475	ppm		97
28) 2,4-Dichlorophenol	11.188	162	266047	11.7896	ppm		97
29) 1,2,4-Trichlorobenzene	11.304	180	313184	12.2293	ppm		95
31) Naphthalene	11.397	128	897155	11.7775	ppm	#	1
32) 4-Chloroaniline	11.560	127	257630	8.9099	ppm		99
33) Hexachlorobutadiene	11.735	225	210397	11.6481	ppm		95
34) Caprolactam	12.037	55	97476	11.1918	ppm	#	76
35) 4-Chloro-3-Methylphenol	12.410	107	264486	11.9962	ppm		96
36) 2-Methylnaphthalene	12.550	142	598593	11.6300	ppm		94
37) Hexachlorocyclopentadiene	12.934	237	203632	11.1079	ppm		99
38) 2,4,6-Trichlorophenol	13.074	196	194332	11.1142	ppm		94

,	2,4,5-Trichlorophenol	13.132	196	199940	10.8145	ppm		93
.1)	2-Chloronaphthalene	13.376	162	597769	12.1635	ppm		96
42)	1,1'-Biphenyl	13.330	154	765906	11.8996	ppm		97
43)	2-Nitroaniline	13.574	138	184169	11.7126	ppm	#	86
44)	Dimethyl phthalate	13.958	163	673544	11.9137	ppm	#	93
45)	Acenaphthylene	14.005	152	882115	12.1091	ppm		99
46)	2,6-Dinitrotoluene	14.051	165	153111	11.8537	ppm		96
48)	3-Nitroaniline	13.574	138	184169	11.5507	ppm	#	61
49)	Acenaphthene	14.308	154	539573	11.9526	ppm		93
50]	2,4-Dinitrophenol	14.417	184	33982	6.4408	ppm	#	61
51)	Dibenzofuran	14.575	168	846378	11.8591	ppm	#	75
52]	4-Nitrophenol	14.568	65	114317	11.5618	ppm	#	79
53)	2,4-Dinitrotoluene	14.668	165	201705	11.7761	ppm	#	79
54)	Fluorene	15.122	166	697127	11.7379	ppm		98
55)	Diethyl phthalate	15.099	149	664341	12.0113	ppm		99
56)	4-Chlorophenyl phenyl ...	15.157	204	355600	11.8470	ppm		99
57)	4-Nitroaniline	15.239	138	112746	8.7476	ppm	#	87
58]	4,6-dinitro-2-methylph...	15.313	198	76044	9.8733	ppm	#	67
59)	N-Nitrosodiphenylamine	15.367	169	587304	11.9860	ppm		96
61)	1,2-Diphenylhydrazine/...	15.402	77	794085	7.2855	ppm	#	91
62)	4-Bromophenyl phenyl e...	15.937	248	218057	11.7230	ppm		98
63)	Hexachlorobenzene	16.135	284	238559	11.5337	ppm		95
64)	Pentachlorophenol	16.438	266	132884	9.8815	ppm		99
66)	Atrazine	16.310	200	212655	12.4056	ppm	#	86
67)	Phenanthrene	16.659	178	1000471	11.6762	ppm		99
68)	Anthracene	16.729	178	1006253	11.4033	ppm		100
69)	Carbazole	17.008	167	971692	12.3352	ppm	#	1
70)	Di-n-butyl phthalate	17.742	149	1177165	12.3340	ppm		98
71)	Fluoranthene	18.568	202	1202871	12.0754	ppm		99
72)	Parathion (Ethyl)	18.010	109	134094	13.6943	ppm		90
73)	Pyrene	18.918	202	1194007	11.9980	ppm		99
74)	Benzidine	18.836	184	20687	1.1799	ppm	#	88
76)	Butyl benzyl phthalate	20.128	149	510920	13.3801	ppm		97
77)	Benzo(a)anthracene	20.862	228	1143551	12.1574	ppm		98
79)	Chrysene	20.932	228	1129360	12.5947	ppm		100
80)	3,3'-Dichlorobenzidine	20.885	252	316963	10.8080	ppm		95
81)	Bis(2-ethylhexyl)phtha...	21.129	149	706915	14.4403	ppm		98
82)	Di-n-octyl phthalate	22.061	149	1169854	16.1405	ppm	#	96
83)	Benzo(b)fluoranthene	22.492	252	1193158	14.1020	ppm		97
84)	Benzo(k)fluoranthene	22.526	252	1078456	11.9050	ppm	#	54
85)	Benzo(a)pyrene	22.934	252	1027739	12.7156	ppm		99
87)	Indeno(1,2,3-cd)pyrene	24.412	276	1077601	13.1497	ppm	#	61
88)	Dibenzo(a,h)anthracene	24.436	278	947364	13.1870	ppm	#	88
89)	Benzo(g,h,i)perylene	24.762	276	931446	13.6250	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:59:05 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : B413208-BLK1.D
Acq On : 1 Apr 2024 4:03 pm
Operator : CC
Sample : B413208-BLK1
Misc : CHEM06
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 02 09:01:53 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	9.150	152	459643	20.0000 ppm	0.0000
30) Naphthalene-d8	11.362	136	1621807	20.0000 ppm	# 0.0000
47) Acenaphthene-d10	14.261	162	940181	20.0000 ppm	0.0000
65) Phenanthrene-d10	16.624	188	1710047	20.0000 ppm	# 0.0000
78) Chrysene-d12	20.885	240	1584022	20.0000 ppm	0.0000
86) Perylene-d12	23.015	264	1555296	20.0000 ppm	0.0000
System Monitoring Compounds					
4) 2-Fluorophenol	6.752	112	542943	20.2904 ppm	0.0115
6) Phenol-d6	8.708	99	700542	22.1940 ppm	0.0000
21) Nitrobenzene-d5	10.186	82	606065	20.1775 ppm	-0.0118
40) 2-Fluorobiphenyl	13.202	172	1465150	21.6593 ppm	0.0000
60) 2,4,6-Tribromophenol	15.553	330	200417	19.9873 ppm	0.0000
75) Terphenyl-d14	19.255	244	2082462	24.0681 ppm	0.0115
Target Compounds					Qvalue
2) Pyridine	3.399	79	9676	0.3629 ppm #	53
3) N-Nitrosodimethylamine	0.000		0	N.D.	
5) Benzaldehyde	0.000		0	N.D. d	
7) Phenol	8.720	94	3544	Below Cal #	1
8) Aniline	8.650	93	1077	0.3875 ppm #	44
9) 2-Chlorophenol	8.836	128	1377	Below Cal #	37
10) Bis(2-chloroethyl)ether	8.813	93	1100	Below Cal #	25
11) 1,3-Dichlorobenzene	0.000		0	N.D.	
12) 1,4-Dichlorobenzene	0.000		0	N.D.	
13) Benzyl alcohol	9.220	108	1201	N.D.	
14) 1,2-Dichlorobenzene	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
16) 2,2'-Oxybis(1-Chloropr...	9.837	45	1947	Below Cal #	1
17) Hexachloroethane	0.000		0	N.D.	
18) 3/4-Methylphenol	10.035	107	1335	Below Cal #	1
19) N-Nitroso-di-n-propyla...	10.012	70	5524	N.D.	
20) Acetophenone	9.942	105	3227	Below Cal #	59
22) Nitrobenzene	10.221	77	1503	N.D.	
23) Isophorone	10.640	82	3833	N.D.	
24) 2-Nitrophenol	0.000		0	N.D.	
25) 2,4-Dimethylphenol	10.873	122	1614	Below Cal #	67
26] Benzoic Acid	11.052	122	3091	0.5631 ppm #	33
27) Bis(2-chloroethoxy)met...	11.071	93	1152	Below Cal #	1
28) 2,4-Dichlorophenol	0.000		0	N.D.	
29) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
31) Naphthalene	11.385	128	4601	N.D.	
32) 4-Chloroaniline	11.746	127	1717	0.6032 ppm #	49
33) Hexachlorobutadiene	0.000		0	N.D.	
34) Caprolactam	12.037	55	2127	0.3150 ppm #	25
35) 4-Chloro-3-Methylphenol	12.177	107	1446	N.D.	
36) 2-Methylnaphthalene	12.538	142	2351	N.D.	
37) Hexachlorocyclopentadiene	0.000		0	N.D.	
38) 2,4,6-Trichlorophenol	0.000		0	N.D.	

,	2,4,5-Trichlorophenol	0.000		0	N.D.		
41)	2-Chloronaphthalene	13.376	162	1041	N.D.		
42)	1,1'-Biphenyl	13.341	154	2729	Below Cal	#	29
43)	2-Nitroaniline	13.830	138	3440	0.3896 ppm	#	43
44)	Dimethyl phthalate	13.958	163	1980	Below Cal	#	1
45)	Acenaphthylene	14.005	152	1083	Below Cal	#	1
46)	2,6-Dinitrotoluene	14.098	165	1247	N.D.		
48)	3-Nitroaniline	13.830	138	3440	0.6918 ppm	#	22
49)	Acenaphthene	14.261	154	5160	Below Cal	#	27
50)	2,4-Dinitrophenol	0.000		0	N.D.		
51)	Dibenzofuran	14.575	168	2007	N.D.		
52]	4-Nitrophenol	14.265	65	4313	0.8019 ppm	#	41
53)	2,4-Dinitrotoluene	14.366	165	1049	0.5434 ppm	#	16
54)	Fluorene	0.000		0	N.D.		
55)	Diethyl phthalate	15.099	149	2819	N.D.		
56)	4-Chlorophenyl phenyl ...	0.000		0	N.D.		
57)	4-Nitroaniline	15.274	138	1612	0.5255 ppm	#	23
58)	4,6-dinitro-2-methylph...	0.000		0	N.D.		
59)	N-Nitrosodiphenylamine	15.355	169	1924	N.D.		
61)	1,2-Diphenylhydrazine/...	15.402	77	2033	N.D.		
62)	4-Bromophenyl phenyl e...	0.000		0	N.D.		
63)	Hexachlorobenzene	0.000		0	N.D.		
64)	Pentachlorophenol	0.000		0	N.D.		
66)	Atrazine	0.000		0	N.D.		
67)	Phenanthrene	16.659	178	6534	N.D.		
68)	Anthracene	16.717	178	3240	N.D.		
69)	Carbazole	17.008	167	1742	N.D.		
70)	Di-n-butyl phthalate	17.742	149	10262	0.4149 ppm	#	64
71)	Fluoranthene	18.568	202	4104	N.D.		
72)	Parathion (Ethyl)	17.998	109	1076	0.4648 ppm	#	1
73)	Pyrene	18.929	202	2127	N.D.		
74)	Benzidine	18.813	184	1019	Below Cal	#	1
76)	Butyl benzyl phthalate	20.128	149	1971	0.2174 ppm	#	1
77)	Benzo(a)anthracene	20.897	228	12985	N.D.		
79)	Chrysene	20.897	228	12985	N.D.		
80)	3,3'-Dichlorobenzidine	20.873	252	4087	N.D.		
81)	Bis(2-ethylhexyl)phtha...	21.129	149	6280	N.D.		
82)	Di-n-octyl phthalate	22.049	149	1793	N.D.		
83)	Benzo(b)fluoranthene	22.491	252	10184	N.D.		
84)	Benzo(k)fluoranthene	22.491	252	10184	N.D.		
85)	Benzo(a)pyrene	22.969	252	1469	0.2610 ppm	#	1
87)	Indeno(1,2,3-cd)pyrene	24.401	276	10342	0.4579 ppm	#	61
88)	Dibenzo(a,h)anthracene	24.447	278	6357	0.5058 ppm	#	1
89)	Benzo(g,h,i)perylene	24.773	276	6331	0.2010 ppm	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:58:50 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : 4032817-02.D
Acq On : 1 Apr 2024 8:19 pm
Operator : CC
Sample : 4032817-02
Misc : CHEM06
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 09:23:16 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	9.150	152	397687	20.0000 ppm	0.0000
30) Naphthalene-d8	11.362	136	1432629	20.0000 ppm	# 0.0000
47) Acenaphthene-d10	14.261	162	816899	20.0000 ppm	0.0000
65) Phenanthrene-d10	16.624	188	1547200	20.0000 ppm	# 0.0000
78) Chrysene-d12	20.896	240	1287369	20.0000 ppm	# 0.0114
86) Perylene-d12	23.027	264	1374416	20.0000 ppm	0.0114
System Monitoring Compounds					
4) 2-Fluorophenol	6.787	112	614093	26.5246 ppm	0.0464
6) Phenol-d6	8.754	99	792939m	29.0509 ppm	0.0463
21) Nitrobenzene-d5	10.198	82	692280	26.6034 ppm	0.0000
40) 2-Fluorobiphenyl	13.213	172	1692920	28.2953 ppm	0.0114
60) 2,4,6-Tribromophenol	15.553	330	263823	30.0745 ppm	0.0000
75) Terphenyl-d14	19.255	244	2137614	27.2284 ppm	0.0114
Target Compounds					Qvalue
2) Pyridine	3.295	79	3623	N.D.	
3) N-Nitrosodimethylamine	0.000		0	N.D.	
5) Benzaldehyde	8.359	106	25664	4.7623 ppm #	82
7) Phenol	8.778	94	9166	Below Cal #	1
8) Aniline	8.673	93	4039	0.4852 ppm #	81
9) 2-Chlorophenol	8.848	128	4087	N.D.	
10) Bis(2-chloroethyl)ether	8.789	93	1769	Below Cal #	88
11) 1,3-Dichlorobenzene	9.080	146	1472	0.2514 ppm #	24
12) 1,4-Dichlorobenzene	9.174	146	2174	N.D.	
13) Benzyl alcohol	9.523	108	7305	0.5643 ppm	89
14) 1,2-Dichlorobenzene	9.523	146	1199	N.D.	
15) 2-Methylphenol	9.814	108	3289	0.3395 ppm #	42
16) 2,2'-Oxybis(1-Chloropr...	9.802	45	5452	Below Cal #	1
17) Hexachloroethane	10.070	117	1279	Below Cal #	10
18) 3/4-Methylphenol	10.070	107	12070	0.3988 ppm #	55
19) N-Nitroso-di-n-propyla...	10.012	70	2613	Below Cal #	69
20) Acetophenone	9.953	105	12894	0.2576 ppm #	74
22) Nitrobenzene	10.070	77	4144	0.2774 ppm	92
23) Isophorone	10.652	82	4884	N.D.	
24) 2-Nitrophenol	0.000		0	N.D.	
25) 2,4-Dimethylphenol	10.943	122	5127	N.D.	
26] Benzoic Acid	11.099	122	27279	2.8732 ppm #	55
27) Bis(2-chloroethoxy)met...	11.083	93	4465	N.D.	
28) 2,4-Dichlorophenol	11.397	162	1085	N.D.	
29) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
31) Naphthalene	11.397	128	25521	0.4636 ppm #	1
32) 4-Chloroaniline	11.572	127	2147	0.6243 ppm #	3
33) Hexachlorobutadiene	0.000		0	N.D.	
34) Caprolactam	12.072	55	6491	0.8547 ppm #	77
35) 4-Chloro-3-Methylphenol	12.468	107	2272	0.2288 ppm #	34
36) 2-Methylnaphthalene	12.550	142	10905	0.2468 ppm #	52
37) Hexachlorocyclopentadiene	0.000		0	N.D.	
38) 2,4,6-Trichlorophenol	13.295	196	1380	0.2647 ppm #	1

,	2,4,5-Trichlorophenol	13.295	196	1380	0.2114	ppm	#	12
41)	2-Chloronaphthalene	13.388	162	1906	N.D.			
42)	1,1'-Biphenyl	13.341	154	7139	N.D.			
43)	2-Nitroaniline	13.562	138	2513	0.3550	ppm	#	20
44)	Dimethyl phthalate	13.958	163	17530	0.2079	ppm	#	1
45)	Acenaphthylene	14.016	152	32608	0.3842	ppm	#	63
46)	2,6-Dinitrotoluene	14.028	165	1286	N.D.			
48)	3-Nitroaniline	13.562	138	2513	0.6622	ppm	#	69
49)	Acenaphthene	14.319	154	6870	N.D.			
50)	2,4-Dinitrophenol	0.000		0	N.D.			
51)	Dibenzofuran	14.575	168	13438	N.D.			
52]	4-Nitrophenol	14.254	65	9531	1.3940	ppm	#	73
53)	2,4-Dinitrotoluene	14.668	165	1932	0.6026	ppm	#	23
54)	Fluorene	15.122	166	8327	N.D.			
55)	Diethyl phthalate	15.111	149	7789	0.2336	ppm	#	82
56)	4-Chlorophenyl phenyl ...	15.309	204	2378	N.D.			
57)	4-Nitroaniline	15.285	138	2107	0.5796	ppm	#	1
58)	4,6-dinitro-2-methylph...	0.000		0	N.D.			
59)	N-Nitrosodiphenylamine	15.390	169	2083	N.D.			
61)	1,2-Diphenylhydrazine/...	15.320	77	7869	N.D.			
62)	4-Bromophenyl phenyl e...	15.797	248	1019	0.2568	ppm	#	1
63)	Hexachlorobenzene	0.000		0	N.D.			
64)	Pentachlorophenol	0.000		0	N.D.			
66)	Atrazine	16.321	200	1614	0.2101	ppm	#	1
67)	Phenanthrene	16.659	178	113104	1.3875	ppm		93
68)	Anthracene	16.729	178	44131	0.5257	ppm	#	83
69)	Carbazole	17.020	167	21855	0.2916	ppm	#	1
70)	Di-n-butyl phthalate	17.742	149	21660	0.5477	ppm	#	34
71)	Fluoranthene	18.580	202	301098	3.1772	ppm	#	90
72)	Parathion (Ethyl)	18.021	109	5428	0.9384	ppm	#	47
73)	Pyrene	18.929	202	298871	3.1568	ppm		96
74)	Benzidine	18.859	184	4658	N.D.			
76)	Butyl benzyl phthalate	20.140	149	10547	0.4615	ppm	#	1
77)	Benzo(a)anthracene	20.873	228	148859	1.6635	ppm	#	80
79)	Chrysene	20.931	228	177611	2.2788	ppm	#	87
80)	3,3'-Dichlorobenzidine	20.850	252	8963	0.4182	ppm	#	1
81)	Bis(2-ethylhexyl)phtha...	21.129	149	19011	0.4602	ppm	#	84
82)	Di-n-octyl phthalate	22.061	149	2435	N.D.			
83)	Benzo(b)fluoranthene	22.503	252	194237m	2.6412	ppm		
84)	Benzo(k)fluoranthene	22.526	252	154965m	1.9681	ppm		
85)	Benzo(a)pyrene	22.945	252	175779	2.7189	ppm		93
87)	Indeno(1,2,3-cd)pyrene	24.424	276	140344	2.1416	ppm	#	59
88)	Dibenzo(a,h)anthracene	24.447	278	60535	1.2970	ppm	#	67
89)	Benzo(g,h,i)perylene	24.785	276	131704	2.1918	ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:58:05 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04_2024\240401\
Data File : 4032817-01.D
Acq On : 1 Apr 2024 7:47 pm
Operator : CC
Sample : 4032817-01
Misc : CHEM06
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 09:16:02 2024
Quant Method : C:\msdchem\1\methods\SV240313.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Mon Apr 01 12:59:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	9.150	152	461305	20.0000 ppm	0.0000
30) Naphthalene-d8	11.362	136	1566941	20.0000 ppm	# 0.0000
47) Acenaphthene-d10	14.261	162	871546	20.0000 ppm	0.0000
65) Phenanthrene-d10	16.624	188	1666833	20.0000 ppm	# 0.0000
78) Chrysene-d12	20.897	240	1432009	20.0000 ppm	# 0.0116
86) Perylene-d12	23.027	264	1459423	20.0000 ppm	0.0116
System Monitoring Compounds					
4) 2-Fluorophenol	6.787	112	624140	23.2408 ppm	0.0465
6) Phenol-d6	8.755	99	768906	24.2770 ppm	0.0465
21) Nitrobenzene-d5	10.198	82	665259	22.0581 ppm	0.0000
40) 2-Fluorobiphenyl	13.202	172	1588932	24.2974 ppm	0.0000
60) 2,4,6-Tribromophenol	15.553	330	253219	27.0961 ppm	0.0000
75) Terphenyl-d14	19.255	244	2158262	25.5565 ppm	0.0116
Target Compounds					Qvalue
2) Pyridine	3.318	79	2872	N.D.	
3) N-Nitrosodimethylamine	0.000		0	N.D.	
5) Benzaldehyde	8.359	106	18569	3.7860 ppm #	72
7) Phenol	8.720	94	1751	Below Cal #	46
8) Aniline	8.638	93	6165	0.5253 ppm #	64
9) 2-Chlorophenol	8.848	128	1563	Below Cal #	47
10) Bis(2-chloroethyl)ether	8.871	93	2769	Below Cal #	18
11) 1,3-Dichlorobenzene	9.185	146	1492	0.2451 ppm #	50
12) 1,4-Dichlorobenzene	9.185	146	1492	N.D.	
13) Benzyl alcohol	9.511	108	4799	0.3665 ppm #	80
14) 1,2-Dichlorobenzene	9.185	146	1492	N.D.	
15) 2-Methylphenol	9.802	108	1928	0.2647 ppm #	5
16) 2,2'-Oxybis(1-Chloropr...	9.826	45	6103	Below Cal #	78
17) Hexachloroethane	10.082	117	1240	Below Cal #	10
18) 3/4-Methylphenol	10.012	107	2622	N.D.	
19) N-Nitroso-di-n-propyla...	10.023	70	6606	N.D.	
20) Acetophenone	9.954	105	12500	N.D.	
22) Nitrobenzene	10.245	77	5271	0.2933 ppm #	26
23) Isophorone	10.629	82	2382	N.D.	
24) 2-Nitrophenol	0.000		0	N.D.	
25) 2,4-Dimethylphenol	10.943	122	2160	Below Cal #	46
26] Benzoic Acid	11.087	122	22156	2.1096 ppm #	52
27) Bis(2-chloroethoxy)met...	11.095	93	1651	Below Cal #	1
28) 2,4-Dichlorophenol	0.000		0	N.D.	
29) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
31) Naphthalene	11.397	128	14420	0.2981 ppm #	1
32) 4-Chloroaniline	11.607	127	1241	0.5904 ppm #	1
33) Hexachlorobutadiene	0.000		0	N.D.	
34) Caprolactam	12.037	55	2391	0.3509 ppm #	21
35) 4-Chloro-3-Methylphenol	12.422	107	4320	0.3066 ppm #	67
36) 2-Methylnaphthalene	12.550	142	6286	N.D.	
37) Hexachlorocyclopentadiene	0.000		0	N.D.	
38) 2,4,6-Trichlorophenol	13.178	196	1146	0.2454 ppm #	1

)	2,4,5-Trichlorophenol	13.178	196	1146	N.D.		
41)	2-Chloronaphthalene	13.330	162	2330	N.D.		
42)	1,1'-Biphenyl	13.341	154	9873	N.D.		
43)	2-Nitroaniline	13.597	138	1538	0.2823 ppm	#	1
44)	Dimethyl phthalate	13.958	163	6759	Below Cal	#	71
45)	Acenaphthylene	14.017	152	27967	0.2814 ppm	#	59
46)	2,6-Dinitrotoluene	14.063	165	3837	0.3436 ppm	#	30
48)	3-Nitroaniline	13.597	138	1538	0.5956 ppm	#	1
49)	Acenaphthene	14.308	154	4249	Below Cal	#	64
50)	2,4-Dinitrophenol	0.000		0	N.D.		
51)	Dibenzofuran	14.575	168	9256	N.D.		
52]	4-Nitrophenol	14.801	65	3689	0.7723 ppm	#	75
53)	2,4-Dinitrotoluene	14.668	165	1668	0.5813 ppm	#	3
54)	Fluorene	15.134	166	16125	0.2639 ppm	#	85
55)	Diethyl phthalate	15.111	149	2746	N.D.		
56)	4-Chlorophenyl phenyl ...	15.146	204	1797	N.D.		
57)	4-Nitroaniline	15.251	138	4688	0.7548 ppm	#	71
58]	4,6-dinitro-2-methylph...	15.558	198	1258	1.1499 ppm	#	1
59)	N-Nitrosodiphenylamine	15.355	169	2528	N.D.		
61)	1,2-Diphenylhydrazine/...	15.402	77	3770	N.D.		
62)	4-Bromophenyl phenyl e...	0.000		0	N.D.		
63)	Hexachlorobenzene	0.000		0	N.D.		
64)	Pentachlorophenol	0.000		0	N.D.		
66)	Atrazine	16.275	200	2910	0.2761 ppm	#	1
67)	Phenanthrene	16.659	178	109931	1.2518 ppm	#	94
68)	Anthracene	16.729	178	41758	0.4617 ppm	#	88
69)	Carbazole	17.020	167	15777	N.D.		
70)	Di-n-butyl phthalate	17.742	149	24437	0.5586 ppm	#	50
71)	Fluoranthene	18.580	202	311290	3.0490 ppm		96
72)	Parathion (Ethyl)	18.010	109	13574	1.6996 ppm	#	6
73)	Pyrene	18.929	202	283834	2.7828 ppm	#	94
74)	Benzidine	18.813	184	6485	N.D.		
76)	Butyl benzyl phthalate	20.140	149	12479	0.4903 ppm	#	71
77)	Benzo(a)anthracene	20.862	228	147216	1.5270 ppm	#	79
79)	Chrysene	20.932	228	196291	2.2641 ppm		98
80)	3,3'-Dichlorobenzidine	20.897	252	10099	0.4227 ppm	#	68
81)	Bis(2-ethylhexyl)phtha...	21.129	149	33090	0.7197 ppm	#	37
82)	Di-n-octyl phthalate	22.038	149	12531	N.D.		
83)	Benzo(b)fluoranthene	22.503	252	198866m	2.4310 ppm		
84)	Benzo(k)fluoranthene	22.526	252	148795m	1.6989 ppm		
85)	Benzo(a)pyrene	22.946	252	167824	2.3689 ppm		93
87)	Indeno(1,2,3-cd)pyrene	24.424	276	120203	1.7942 ppm	#	84
88)	Dibenzo(a,h)anthracene	24.436	278	63353	1.2844 ppm		98
89)	Benzo(g,h,i)perylene	24.773	276	121781	1.9245 ppm	#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SV240313.M Wed Apr 10 14:57:17 2024 JEFF

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : SEQ-CCV2.D
Acq On : 8 Apr 2024 21:50
Operator :
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 10 15:07:37 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.482	152	416263	20.00	ppm	0.00
29) Naphthalene-d8	7.331	136	1653916	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.095	164	923633	20.00	ppm	0.00
63) Phenanthrene-d10	12.416	188	1616058	20.00	ppm	0.00
73) Chrysene-d12	16.673	240	1281514	20.00	ppm	0.00
81) Perylene-d12	19.134	264	1222757	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.961	112	535303	21.18	ppm	0.00
5) Phenol-d6	5.131	99	692691	21.60	ppm	0.00
20) Nitrobenzene-d5	6.311	82	562351	20.61	ppm	0.00
38) 2-Fluorobiphenyl	9.070	172	1227173	21.19	ppm	0.00
58) 2,4,6-Tribromophenol	11.367	330	166015	21.31	ppm	0.00
70) Terphenyl-d14	15.055	244	1419588	20.04	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.545	79	489239	17.10	ppm #	61
3) N-Nitrosodimethylamine	2.550	74	295552	18.77	ppm	89
6) Phenol	5.150	94	715075	18.94	ppm	94
7) Aniline	5.112	93	826518	19.74	ppm	95
8) 2-Chlorophenol	5.261	128	607354	21.61	ppm	96
9) N-Decane	5.328	57	495285	19.86	ppm #	83
10) Bis(2-chloroethyl)ether	5.208	93	511254	18.66	ppm	92
11) 1,3-Dichlorobenzene	5.429	146	593789	19.28	ppm	95
12) 1,4-Dichlorobenzene	5.506	146	578605	19.56	ppm	95
13) Benzyl alcohol	5.738	108	319734	18.79	ppm #	68
14) 1,2-Dichlorobenzene	5.762	146	591250	19.62	ppm	95
15) 2-Methylphenol	5.954	108	544217	22.05	ppm	97
16) 2,2'-Oxybis(1-chloropr...	5.959	45	613038	17.64	ppm #	72
17) Hexachloroethane	6.185	117	224096	19.31	ppm	95
18) 3/4-Methylphenol	6.171	107	583842	21.09	ppm #	90
19) N-Nitroso-di-n-propyla...	6.157	70	374344	19.44	ppm #	94
21) Nitrobenzene	6.335	77	545654	19.49	ppm #	71
22) Isophorone	6.686	82	1004647	19.57	ppm #	94
23) 2-Nitrophenol	6.807	139	328226	21.63	ppm #	73
24) 2,4-Dimethylphenol	6.932	122	509155	20.17	ppm	88
25) Benzoic acid	7.129	122	280052	18.79	ppm	92
26) Bis(2-chloroethoxy)met...	7.062	93	661109	18.86	ppm	96
27) 2,4-Dichlorophenol	7.182	162	500975	22.31	ppm	95
28) 1,2,4-Trichlorobenzene	7.279	180	529134	20.09	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : SEQ-CCV2.D
Acq On : 8 Apr 2024 21:50
Operator :
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 10 15:07:37 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc	Units		Dev(Min)
30) Naphthalene	7.360	128	1638322	19.31	ppm		99
31) 4-Chloroaniline	7.514	127	696736	19.74	ppm		96
32) Hexachlorobutadiene	7.669	225	292112	20.47	ppm		96
33) 4-Chloro-3-methylphenol	8.333	107	506959	22.56	ppm	#	78
34) 2-Methylnaphthalene	8.434	142	1130637	19.90	ppm	#	91
35) Hexachlorocyclopentadiene	8.805	237	141598	11.51	ppm		99
36) 2,4,6-Trichlorophenol	8.949	196	362679	22.82	ppm	#	91
37) 2,4,5-Trichlorophenol	9.022	196	387966	21.98	ppm		95
39) 2-Chloronaphthalene	9.185	162	1057506	19.47	ppm		96
40) 2-Nitroaniline	9.441	65	304583	21.47	ppm	#	82
41) Dimethyl phthalate	9.821	163	1182343	18.75	ppm	#	89
42) Acenaphthylene	9.845	152	1632259	19.62	ppm		100
43) 2,6-Dinitrotoluene	9.908	165	281233	20.80	ppm	#	74
45) 3-Nitroaniline	10.105	138	315876	20.81	ppm	#	77
46) Acenaphthene	10.144	154	996708	19.87	ppm		95
47) 2,4-Dinitrophenol	10.264	184	82800	14.02	ppm	#	71
48) Dibenzofuran	10.399	168	1500339	19.95	ppm		91
49) 4-Nitrophenol	10.490	65	198358	20.18	ppm	#	73
50) 2,4-Dinitrotoluene	10.510	165	377592	22.32	ppm	#	66
51) Fluorene	10.943	166	1203117	19.61	ppm		98
52) Diethyl phthalate	10.957	149	1162104	19.36	ppm		98
53) 4-Chlorophenyl phenyl ...	10.991	204	568768	21.05	ppm		89
54) 4-Nitroaniline	11.087	138	320275	20.87	ppm	#	60
55) 4,6-dinitro-2-methylph...	11.145	198	162763	18.93	ppm	#	75
56) N-Nitrosodiphenylamine	11.203	169	1029592	19.71	ppm		98
57) 1,2-Diphenylhydrazine ...	11.232	77	1119487	18.98	ppm	#	87
59) 4-Bromophenyl phenyl e...	11.757	248	341776	20.46	ppm	#	88
60) Hexachlorobenzene	11.945	284	346027	19.62	ppm		94
61) Pentachlorophenol	12.258	266	184976	14.64	ppm		97
62) N-Octadecane	12.412	57	646178	20.71	ppm	#	70
64) Phenanthrene	12.455	178	1764109	19.36	ppm		100
65) Anthracene	12.522	178	1766599	20.09	ppm		98
66) Carbazole	12.831	167	1663965	20.44	ppm		99
67) Di-n-butyl phthalate	13.582	149	2093089	20.66	ppm	#	96
68) Fluoranthene	14.362	202	1885705	20.03	ppm	#	97
69) Pyrene	14.704	202	1891196	19.57	ppm		99
71) Butyl benzyl phthalate	15.965	149	863218	20.07	ppm		86
72) Benzo(a)anthracene	16.649	228	1634387	20.72	ppm		99
74) Chrysene	16.712	228	1578610	19.44	ppm		99
75) 3,3-Dichlorobenzidine	16.697	252	573681	20.54	ppm		97
76) Bis(2-ethylhexyl)phtha...	16.977	149	1161937	22.13	ppm	#	96

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : SEQ-CCV2.D
Acq On : 8 Apr 2024 21:50
Operator :
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 10 15:07:37 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

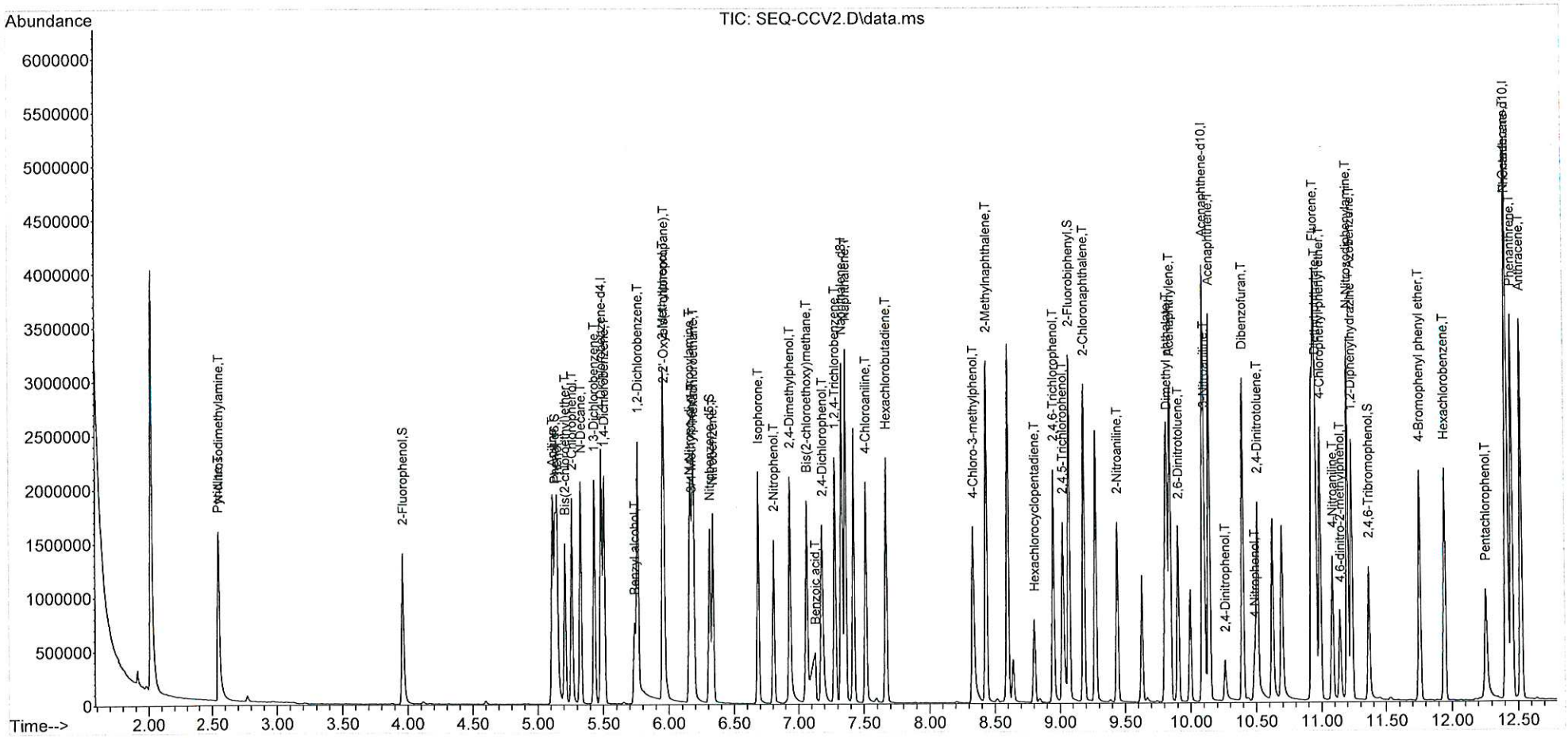
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Di-n-octyl phthalate	17.997	149	1881410	25.08	ppm	#	97
78) Benzo(b)fluoranthene	18.440	252	1452992	24.88	ppm		99
79) Benzo(k)fluoranthene	18.489	252	1513389	19.73	ppm		99
80) Benzo(a)pyrene	19.023	252	1405431	20.51	ppm		100
82) Indeno(1,2,3-cd)pyrene	21.272	276	1110118	24.30	ppm	#	89
83) Dibenzo(a,h)anthracene	21.349	278	1196658	23.28	ppm		97
84) Benzo(g,h,i)perylene	21.797	276	1180074	21.01	ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : SEQ-CCV2.D
Acq On : 8 Apr 2024 21:50
Operator :
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

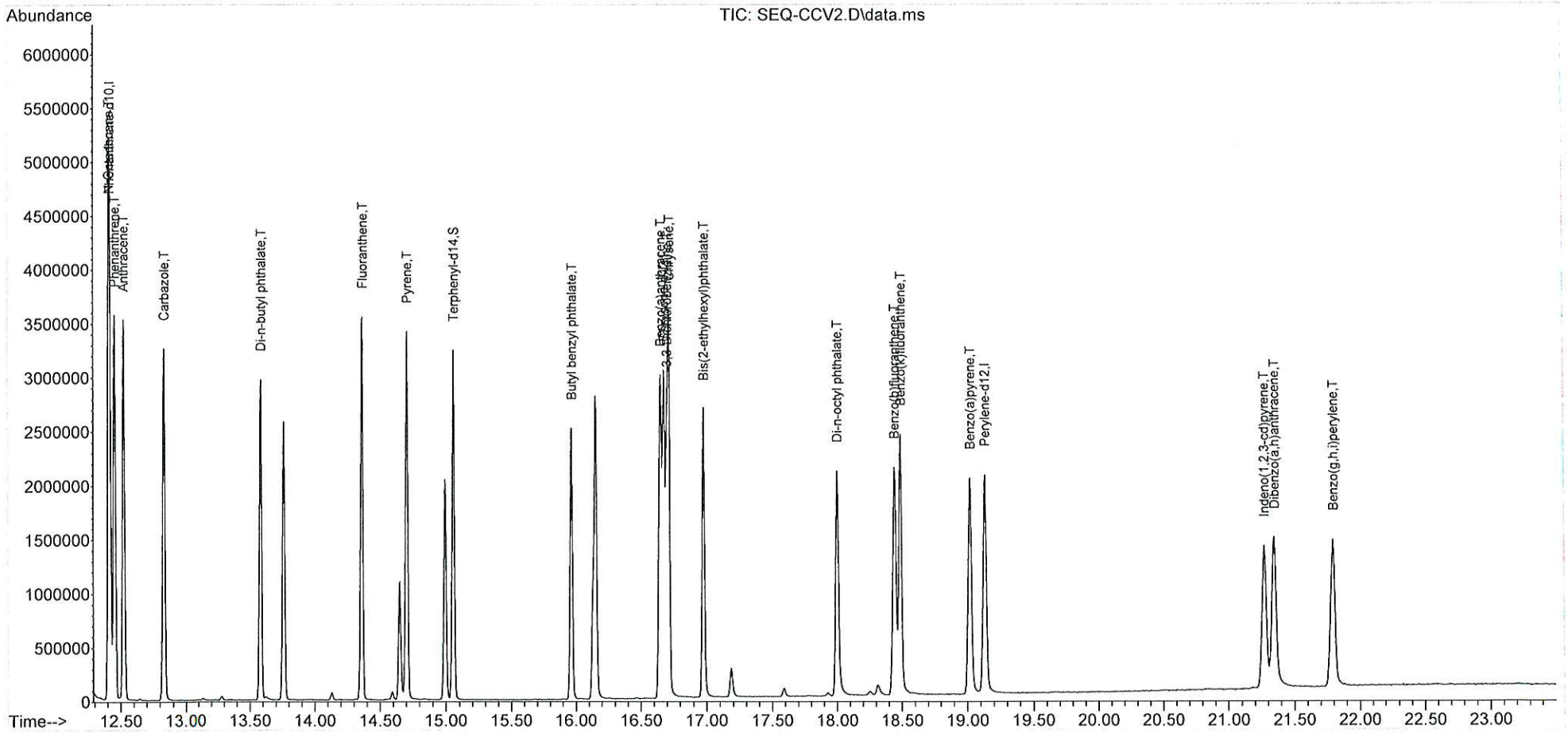
Quant Time: Apr 10 15:07:37 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : SEQ-CCV2.D
Acq On : 8 Apr 2024 21:50
Operator :
Sample : SEQ-CCV1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 10 15:07:37 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BLK1real.D
Acq On : 8 Apr 2024 22:32
Operator :
Sample : B414034-BLK1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 10 09:33:18 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.483	152	369906	20.00	ppm	0.00
29) Naphthalene-d8	7.327	136	1467755	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.091	164	845139	20.00	ppm	0.00
63) Phenanthrene-d10	12.417	188	1465778	20.00	ppm	0.00
73) Chrysene-d12	16.668	240	1139500	20.00	ppm	0.00
81) Perylene-d12	19.129	264	1118588	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.966	112	723626	32.22	ppm	0.01
5) Phenol-d6	5.136	99	853685	29.95	ppm	0.00
20) Nitrobenzene-d5	6.306	82	894231	36.88	ppm	0.00
38) 2-Fluorobiphenyl	9.070	172	1964698	39.00	ppm	0.00
58) 2,4,6-Tribromophenol	11.367	330	271789	37.76	ppm	0.00
70) Terphenyl-d14	15.060	244	2335857	36.35	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.507	79	1013	0.04	ppm	# 1
3) N-Nitrosodimethylamine	2.776	74	1066	0.08	ppm	# 69
6) Phenol	5.150	94	3146	0.09	ppm	# 1
7) Aniline	0.000		0	N.D.		
8) 2-Chlorophenol	0.000		0	N.D.		
9) N-Decane	5.319	57	8854	Below Cal		# 61
10) Bis(2-chloroethyl)ether	0.000		0	N.D.		
11) 1,3-Dichlorobenzene	0.000		0	N.D.		
12) 1,4-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	5.483	108	1479	0.10	ppm	# 1
14) 1,2-Dichlorobenzene	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) 2,2'-Oxybis(1-chloropr...	0.000		0	N.D.		
17) Hexachloroethane	6.325	117	2109	0.20	ppm	# 11
18) 3/4-Methylphenol	0.000		0	N.D.		
19) N-Nitroso-di-n-propyla...	6.171	70	1812	0.11	ppm	# 73
21) Nitrobenzene	6.306	77	3435	0.14	ppm	# 52
22) Isophorone	6.768	82	3970	0.09	ppm	# 66
23) 2-Nitrophenol	0.000		0	N.D.		
24) 2,4-Dimethylphenol	7.048	122	2700	0.12	ppm	# 1
25) Benzoic acid	0.000		0	N.D. d		
26) Bis(2-chloroethoxy)met...	7.327	93	1063	0.03	ppm	# 47
27) 2,4-Dichlorophenol	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BLK1real.D
Acq On : 8 Apr 2024 22:32
Operator :
Sample : B414034-BLK1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 10 09:33:18 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc Units	Dev(Min)
30) Naphthalene	7.356	128	9114	0.12 ppm #	78
31) 4-Chloroaniline	0.000		0	N.D.	
32) Hexachlorobutadiene	0.000		0	N.D.	
33) 4-Chloro-3-methylphenol	8.564	107	1551	0.08 ppm #	25
34) 2-Methylnaphthalene	8.430	142	5791	0.11 ppm #	63
35) Hexachlorocyclopentadiene	0.000		0	N.D.	
36) 2,4,6-Trichlorophenol	0.000		0	N.D.	
37) 2,4,5-Trichlorophenol	0.000		0	N.D.	
39) 2-Chloronaphthalene	9.368	162	4411	0.09 ppm #	38
40) 2-Nitroaniline	9.368	65	1887	0.15 ppm #	33
41) Dimethyl phthalate	9.812	163	9417	0.17 ppm #	94
42) Acenaphthylene	0.000		0	N.D.	
43) 2,6-Dinitrotoluene	0.000		0	N.D.	
45) 3-Nitroaniline	0.000		0	N.D.	
46) Acenaphthene	10.091	154	2740	0.06 ppm #	9
47) 2,4-Dinitrophenol	0.000		0	N.D.	
48) Dibenzofuran	0.000		0	N.D.	
49) 4-Nitrophenol	10.466	65	1318	0.15 ppm #	1
50) 2,4-Dinitrotoluene	0.000		0	N.D.	
51) Fluorene	0.000		0	N.D.	
52) Diethyl phthalate	10.953	149	1654	0.03 ppm #	61
53) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
54) 4-Nitroaniline	0.000		0	N.D.	
55) 4,6-dinitro-2-methylph...	0.000		0	N.D. d	
56) N-Nitrosodiphenylamine	11.367	169	10692	0.22 ppm #	40
57) 1,2-Diphenylhydrazine ...	11.222	77	3372	0.06 ppm #	26
59) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
60) Hexachlorobenzene	0.000		0	N.D.	
61) Pentachlorophenol	0.000		0	N.D.	
62) N-Octadecane	12.407	57	7261	0.25 ppm #	81
64) Phenanthrene	12.450	178	2482	0.03 ppm #	7
65) Anthracene	12.450	178	2482	0.03 ppm #	7
66) Carbazole	0.000		0	N.D.	
67) Di-n-butyl phthalate	13.582	149	15534	0.17 ppm #	96
68) Fluoranthene	14.357	202	1160	0.01 ppm #	65
69) Pyrene	14.704	202	1373	0.02 ppm #	57
71) Butyl benzyl phthalate	15.965	149	1509	0.04 ppm #	84
72) Benzo(a)anthracene	16.668	228	3963	0.06 ppm #	47
74) Chrysene	16.668	228	3963	0.05 ppm #	51
75) 3,3-Dichlorobenzidine	0.000		0	N.D.	
76) Bis(2-ethylhexyl)phtha...	16.972	149	19773	0.42 ppm	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BLK1real.D
Acq On : 8 Apr 2024 22:32
Operator :
Sample : B414034-BLK1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 10 09:33:18 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

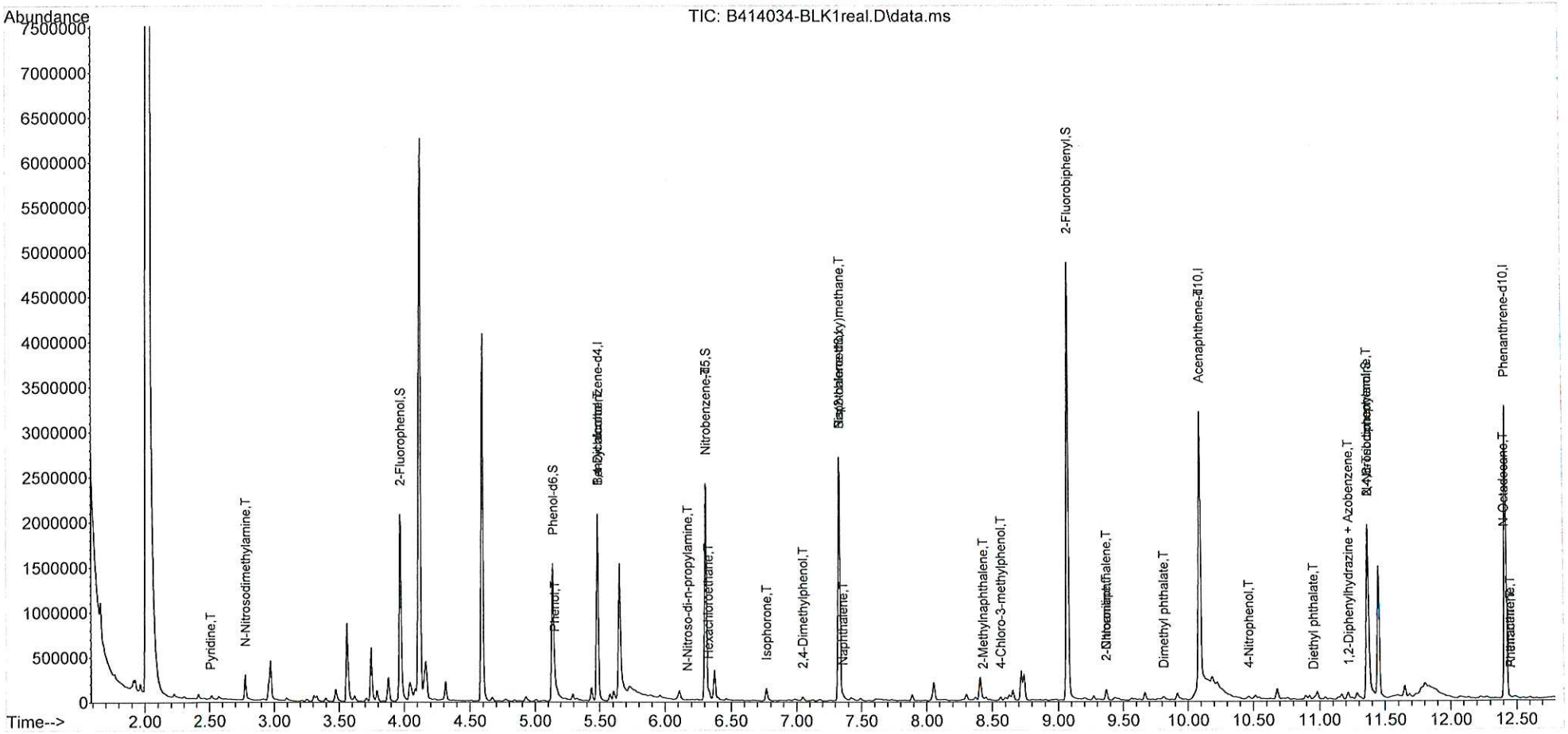
Compound	R.T.	Qlon	Response	Conc	Units	Dev(Min)
77) Di-n-octyl phthalate	18.007	149	43036	0.77	ppm #	87
78) Benzo(b)fluoranthene	0.000		0	N.D.		
79) Benzo(k)fluoranthene	0.000		0	N.D.		
80) Benzo(a)pyrene	0.000		0	N.D.	d	
82) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
83) Dibenzo(a,h)anthracene	0.000		0	N.D.		
84) Benzo(g,h,i)perylene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BLK1real.D
Acq On : 8 Apr 2024 22:32
Operator :
Sample : B414034-BLK1
Misc :
ALS Vial : 16 Sample Multiplier: 1

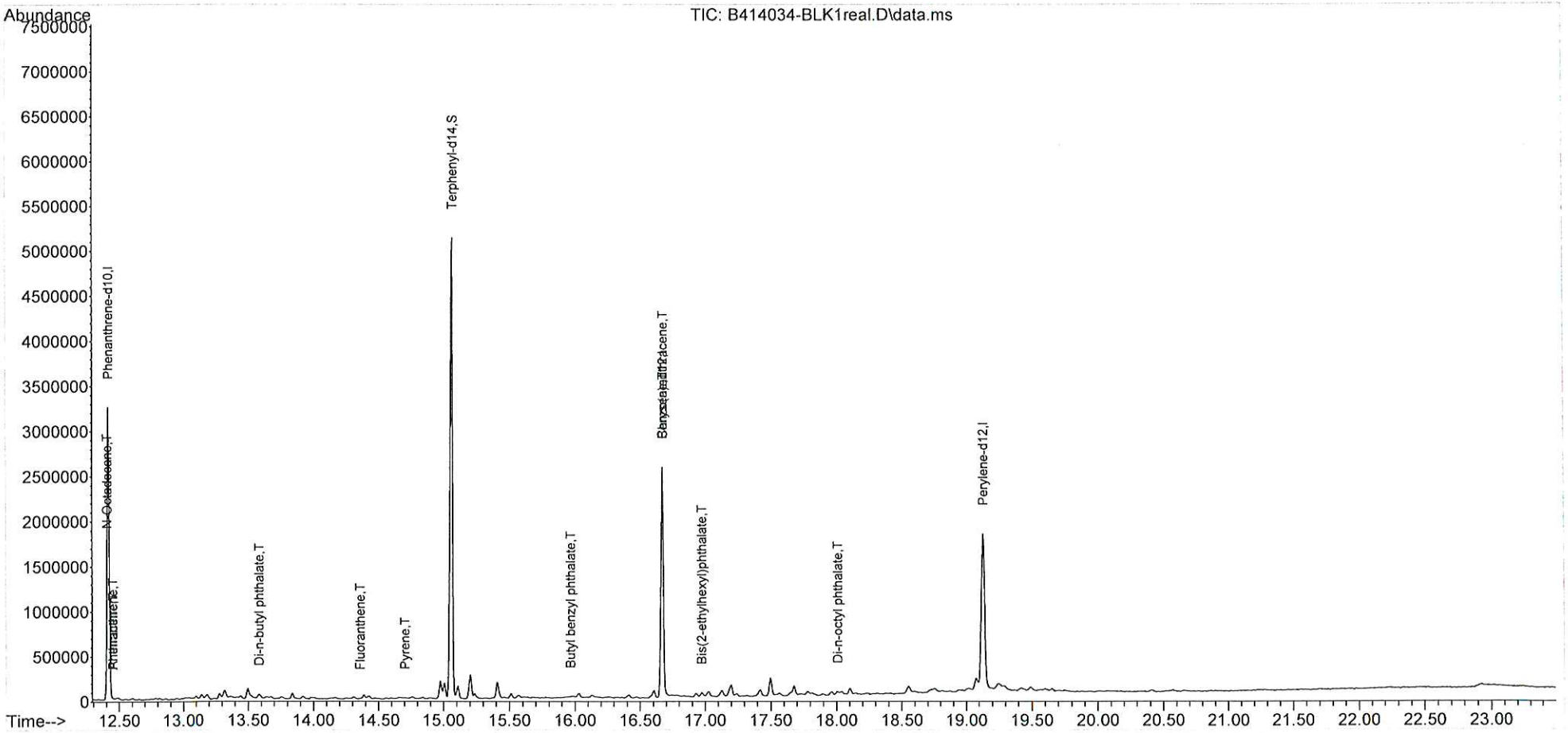
Quant Time: Apr 10 09:33:18 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BLK1real.D
Acq On : 8 Apr 2024 22:32
Operator :
Sample : B414034-BLK1
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 10 09:33:18 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BS1real.D
Acq On : 8 Apr 2024 23:15
Operator :
Sample : B414034-BS1
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 10 09:34:54 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.482	152	404185	20.00	ppm	0.00
29) Naphthalene-d8	7.331	136	1577637	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.095	164	897893	20.00	ppm	0.00
63) Phenanthrene-d10	12.421	188	1540280	20.00	ppm	0.00
73) Chrysene-d12	16.673	240	1221088	20.00	ppm	0.00
81) Perylene-d12	19.134	264	1217949	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.970	112	775036	31.58	ppm	0.02
5) Phenol-d6	5.131	99	902831	28.99	ppm	0.00
20) Nitrobenzene-d5	6.311	82	960536	36.25	ppm	0.00
38) 2-Fluorobiphenyl	9.075	172	2129366	39.33	ppm	0.00
58) 2,4,6-Tribromophenol	11.371	330	300084	39.22	ppm	0.00
70) Terphenyl-d14	15.060	244	2505432	37.11	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.550	79	275863	9.93	ppm #	61
3) N-Nitrosodimethylamine	2.555	74	220418	14.42	ppm	89
6) Phenol	5.150	94	457580	12.48	ppm	97
7) Aniline	5.112	93	197094	4.85	ppm #	89
8) 2-Chlorophenol	5.261	128	500810	18.35	ppm	95
9) N-Decane	5.328	57	396364	16.17	ppm #	82
10) Bis(2-chloroethyl)ether	5.208	93	437312	16.44	ppm	95
11) 1,3-Dichlorobenzene	5.434	146	486509	16.27	ppm	96
12) 1,4-Dichlorobenzene	5.506	146	465452	16.21	ppm	96
13) Benzyl alcohol	5.742	108	250443	15.15	ppm #	66
14) 1,2-Dichlorobenzene	5.762	146	492119	16.82	ppm	94
15) 2-Methylphenol	5.954	108	465740	19.44	ppm	95
16) 2,2'-Oxybis(1-chloropr...	5.959	45	516916	15.32	ppm #	70
17) Hexachloroethane	6.185	117	184200	16.35	ppm	96
18) 3/4-Methylphenol	6.171	107	483445	17.99	ppm #	89
19) N-Nitroso-di-n-propyla...	6.156	70	333063	17.81	ppm #	94
21) Nitrobenzene	6.335	77	465085	17.11	ppm #	71
22) Isophorone	6.686	82	878693	17.63	ppm #	94
23) 2-Nitrophenol	6.806	139	279673	19.04	ppm #	73
24) 2,4-Dimethylphenol	6.932	122	427681	17.45	ppm	89
25) Benzoic acid	7.115	122	204764	14.69	ppm	93
26) Bis(2-chloroethoxy)met...	7.062	93	574961	16.89	ppm #	96
27) 2,4-Dichlorophenol	7.182	162	439037	20.14	ppm	96
28) 1,2,4-Trichlorobenzene	7.278	180	446284	17.45	ppm	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BS1real.D
Acq On : 8 Apr 2024 23:15
Operator :
Sample : B414034-BS1
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 10 09:34:54 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc	Units		Dev(Min)
30) Naphthalene	7.360	128	1401389	17.32	ppm		99
31) 4-Chloroaniline	7.514	127	270105	8.02	ppm		97
32) Hexachlorobutadiene	7.668	225	248441	18.25	ppm		96
33) 4-Chloro-3-methylphenol	8.333	107	455130	21.23	ppm	#	78
34) 2-Methylnaphthalene	8.434	142	985598	18.18	ppm	#	91
35) Hexachlorocyclopentadiene	8.805	237	163444	13.72	ppm		99
36) 2,4,6-Trichlorophenol	8.949	196	323357	21.33	ppm	#	91
37) 2,4,5-Trichlorophenol	9.022	196	353496	20.99	ppm		94
39) 2-Chloronaphthalene	9.185	162	932631	18.00	ppm		96
40) 2-Nitroaniline	9.440	65	269585	19.92	ppm	#	82
41) Dimethyl phthalate	9.821	163	1079462	17.95	ppm	#	89
42) Acenaphthylene	9.845	152	1470965	18.53	ppm		99
43) 2,6-Dinitrotoluene	9.908	165	253635	19.67	ppm	#	75
45) 3-Nitroaniline	10.105	138	116470	7.89	ppm	#	78
46) Acenaphthene	10.144	154	882435	18.10	ppm		94
47) 2,4-Dinitrophenol	10.259	184	72321	12.86	ppm	#	70
48) Dibenzofuran	10.399	168	1339993	18.33	ppm		92
49) 4-Nitrophenol	10.495	65	154945	16.21	ppm	#	79
50) 2,4-Dinitrotoluene	10.509	165	332929	20.25	ppm	#	67
51) Fluorene	10.943	166	1085174	18.19	ppm		99
52) Diethyl phthalate	10.957	149	1068207	18.31	ppm		98
53) 4-Chlorophenyl phenyl ...	10.991	204	519693	19.74	ppm		88
54) 4-Nitroaniline	11.082	138	189810	12.73	ppm	#	60
55) 4,6-dinitro-2-methylph...	11.140	198	142267	17.25	ppm	#	77
56) N-Nitrosodiphenylamine	11.203	169	926998	18.26	ppm		98
57) 1,2-Diphenylhydrazine ...	11.232	77	996353	17.38	ppm	#	87
59) 4-Bromophenyl phenyl e...	11.757	248	307823	18.96	ppm		89
60) Hexachlorobenzene	11.944	284	311457	18.16	ppm		94
61) Pentachlorophenol	12.257	266	174679	14.26	ppm		96
62) N-Octadecane	12.407	57	590604m	19.47	ppm		
64) Phenanthrene	12.455	178	1617723	18.62	ppm		99
65) Anthracene	12.522	178	1608255	19.19	ppm		98
66) Carbazole	12.830	167	1500442	19.34	ppm		99
67) Di-n-butyl phthalate	13.582	149	1946874	20.16	ppm	#	96
68) Fluoranthene	14.362	202	1701011	18.96	ppm	#	97
69) Pyrene	14.704	202	1731249	18.79	ppm		99
71) Butyl benzyl phthalate	15.965	149	821275	20.03	ppm	#	84
72) Benzo(a)anthracene	16.649	228	1515913	20.16	ppm		99
74) Chrysene	16.712	228	1471225	19.02	ppm		99
75) 3,3-Dichlorobenzidine	16.692	252	189571	7.77	ppm	#	97
76) Bis(2-ethylhexyl)phtha...	16.976	149	1089850	21.79	ppm	#	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BS1real.D
Acq On : 8 Apr 2024 23:15
Operator :
Sample : B414034-BS1
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 10 09:34:54 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

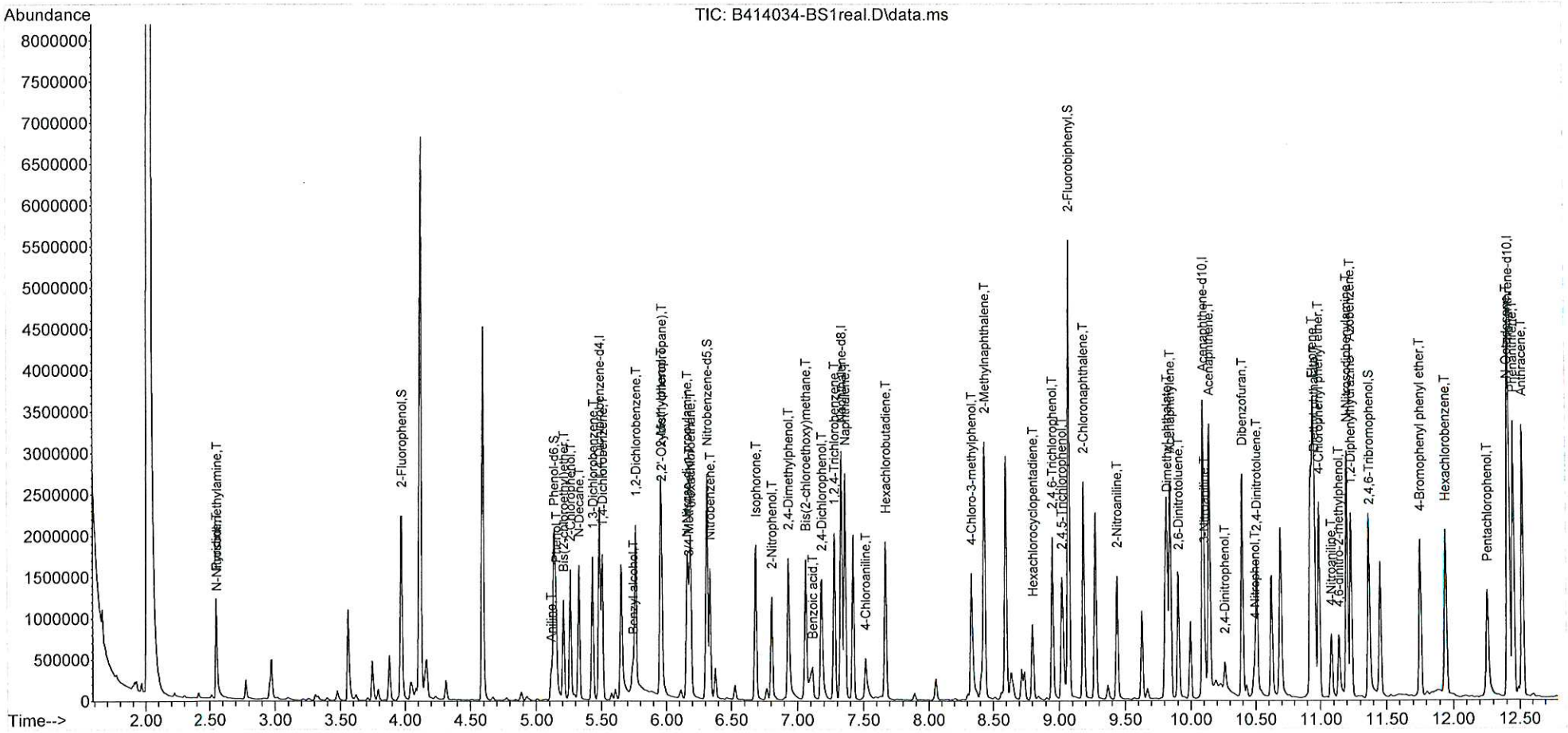
Compound	R.T.	Qlon	Response	Conc	Units		Dev(Min)
77) Di-n-octyl phthalate	17.997	149	1782584	24.96	ppm	#	97
78) Benzo(b)fluoranthene	18.445	252	1384128	24.87	ppm		99
79) Benzo(k)fluoranthene	18.488	252	1415868	19.37	ppm		99
80) Benzo(a)pyrene	19.018	252	1293374	19.84	ppm		99
82) Indeno(1,2,3-cd)pyrene	21.272	276	1064026	23.45	ppm	#	89
83) Dibenzo(a,h)anthracene	21.349	278	1140986	22.33	ppm		97
84) Benzo(g,h,i)perylene	21.797	276	1140377	20.40	ppm		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BS1real.D
Acq On : 8 Apr 2024 23:15
Operator :
Sample : B414034-BS1
Misc :
ALS Vial : 17 Sample Multiplier: 1

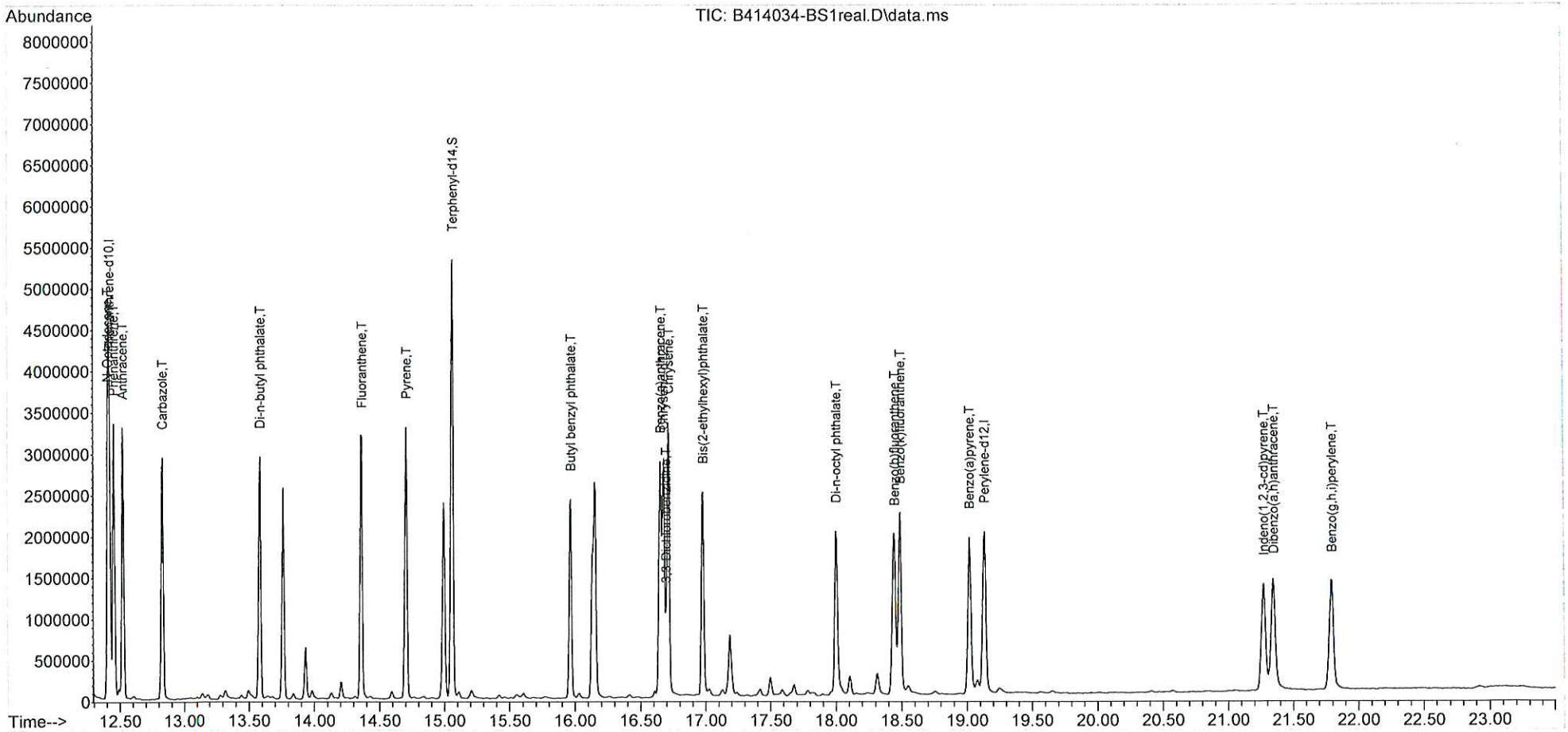
Quant Time: Apr 10 09:34:54 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-BS1real.D
Acq On : 8 Apr 2024 23:15
Operator :
Sample : B414034-BS1
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 10 09:34:54 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MS1real.D
Acq On : 8 Apr 2024 23:57
Operator :
Sample : B414034-MS1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 10 09:38:06 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.482	152	380190	20.00	ppm	0.00
29) Naphthalene-d8	7.332	136	1487673	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.091	164	847049	20.00	ppm	0.00
63) Phenanthrene-d10	12.416	188	1462364	20.00	ppm	0.00
73) Chrysene-d12	16.673	240	1158384	20.00	ppm	0.00
81) Perylene-d12	19.129	264	1172227	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.966	112	589752	25.55	ppm	0.01
5) Phenol-d6	5.136	99	691903	23.62	ppm	0.00
20) Nitrobenzene-d5	6.311	82	703601	28.23	ppm	0.00
38) 2-Fluorobiphenyl	9.070	172	1541042	29.96	ppm	0.00
58) 2,4,6-Tribromophenol	11.376	330	186986	26.06	ppm	0.00
70) Terphenyl-d14	15.060	244	2285677	35.66	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.550	79	240827	9.22	ppm #	58
3) N-Nitrosodimethylamine	2.555	74	166087	11.55	ppm	88
6) Phenol	5.150	94	361584	10.49	ppm	98
7) Aniline	5.117	93	284043	7.43	ppm #	91
8) 2-Chlorophenol	5.261	128	387793	15.11	ppm	97
9) N-Decane	5.328	57	283185	12.02	ppm #	83
10) Bis(2-chloroethyl)ether	5.208	93	326142	13.04	ppm	94
11) 1,3-Dichlorobenzene	5.430	146	356415	12.67	ppm	95
12) 1,4-Dichlorobenzene	5.507	146	344965	12.77	ppm	97
13) Benzyl alcohol	5.829	108	169638	10.91	ppm #	65
14) 1,2-Dichlorobenzene	5.762	146	363824	13.22	ppm	95
15) 2-Methylphenol	5.954	108	378393	16.79	ppm	95
16) 2,2'-Oxybis(1-chloropr...	5.959	45	386389	12.17	ppm #	66
17) Hexachloroethane	6.186	117	138695	13.09	ppm	95
18) 3/4-Methylphenol	6.171	107	388333	15.36	ppm #	88
19) N-Nitroso-di-n-propyla...	6.157	70	251516	14.30	ppm #	95
21) Nitrobenzene	6.335	77	355348	13.90	ppm #	72
22) Isophorone	6.681	82	654803	13.97	ppm #	94
23) 2-Nitrophenol	6.807	139	211651	15.42	ppm #	73
24) 2,4-Dimethylphenol	6.937	122	370807	16.08	ppm	88
25) Benzoic acid	7.124	122	148603	11.76	ppm	91
26) Bis(2-chloroethoxy)met...	7.062	93	432703	13.51	ppm	95
27) 2,4-Dichlorophenol	7.187	162	348060	16.97	ppm	94
28) 1,2,4-Trichlorobenzene	7.279	180	335018	13.93	ppm	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MS1real.D
Acq On : 8 Apr 2024 23:57
Operator :
Sample : B414034-MS1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 10 09:38:06 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc	Units		Dev(Min)
30) Naphthalene	7.360	128	1061537	13.91	ppm		99
31) 4-Chloroaniline	7.519	127	206262	6.50	ppm		97
32) Hexachlorobutadiene	7.669	225	184160	14.34	ppm		96
33) 4-Chloro-3-methylphenol	8.348	107	368710	18.24	ppm	#	77
34) 2-Methylnaphthalene	8.429	142	728695	14.26	ppm	#	91
35) Hexachlorocyclopentadiene	8.805	237	116657	10.63	ppm		100
36) 2,4,6-Trichlorophenol	8.954	196	244405	17.10	ppm	#	91
37) 2,4,5-Trichlorophenol	9.041	196	246789	15.54	ppm		95
39) 2-Chloronaphthalene	9.185	162	698703	14.30	ppm		95
40) 2-Nitroaniline	9.441	65	213359	16.72	ppm	#	83
41) Dimethyl phthalate	9.816	163	815378	14.38	ppm	#	90
42) Acenaphthylene	9.840	152	1075826	14.37	ppm		100
43) 2,6-Dinitrotoluene	9.903	165	205478	16.90	ppm	#	72
45) 3-Nitroaniline	10.105	138	82862	5.95	ppm	#	75
46) Acenaphthene	10.144	154	660721	14.36	ppm		95
47) 2,4-Dinitrophenol	10.322	184	93261	16.55	ppm	#	42
48) Dibenzofuran	10.399	168	970003	14.07	ppm		92
49) 4-Nitrophenol	10.510	65	112610	12.49	ppm	#	79
50) 2,4-Dinitrotoluene	10.510	165	254607	16.41	ppm	#	66
51) Fluorene	10.943	166	813703	14.46	ppm		98
52) Diethyl phthalate	10.957	149	1296070	23.55	ppm		98
53) 4-Chlorophenyl phenyl ...	10.991	204	387779	15.45	ppm		89
54) 4-Nitroaniline	11.083	138	107936	7.67	ppm	#	61
55) 4,6-dinitro-2-methylph...	11.155	198	115009	15.09	ppm	#	73
56) N-Nitrosodiphenylamine	11.203	169	776216	16.20	ppm		98
57) 1,2-Diphenylhydrazine ...	11.232	77	777873	14.38	ppm	#	87
59) 4-Bromophenyl phenyl e...	11.757	248	238189	15.55	ppm		89
60) Hexachlorobenzene	11.945	284	240739	14.88	ppm		95
61) Pentachlorophenol	12.272	266	92131	8.52	ppm		98
62) N-Octadecane	12.407	57	490957	17.16	ppm	#	71
64) Phenanthrene	12.455	178	1326886	16.09	ppm		99
65) Anthracene	12.522	178	1330832	16.73	ppm		99
66) Carbazole	12.831	167	1397074	18.96	ppm		99
67) Di-n-butyl phthalate	13.582	149	1789662	19.52	ppm	#	96
68) Fluoranthene	14.357	202	1588375	18.64	ppm	#	97
69) Pyrene	14.704	202	1594519	18.23	ppm		99
71) Butyl benzyl phthalate	15.965	149	789760	20.29	ppm		84
72) Benzo(a)anthracene	16.649	228	1470911	20.61	ppm		99
74) Chrysene	16.712	228	1403025	19.12	ppm		99
75) 3,3-Dichlorobenzidine	16.697	252	9105	1.33	ppm	#	62
76) Bis(2-ethylhexyl)phtha...	16.972	149	1076551	22.69	ppm	#	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MS1real.D
Acq On : 8 Apr 2024 23:57
Operator :
Sample : B414034-MS1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 10 09:38:06 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

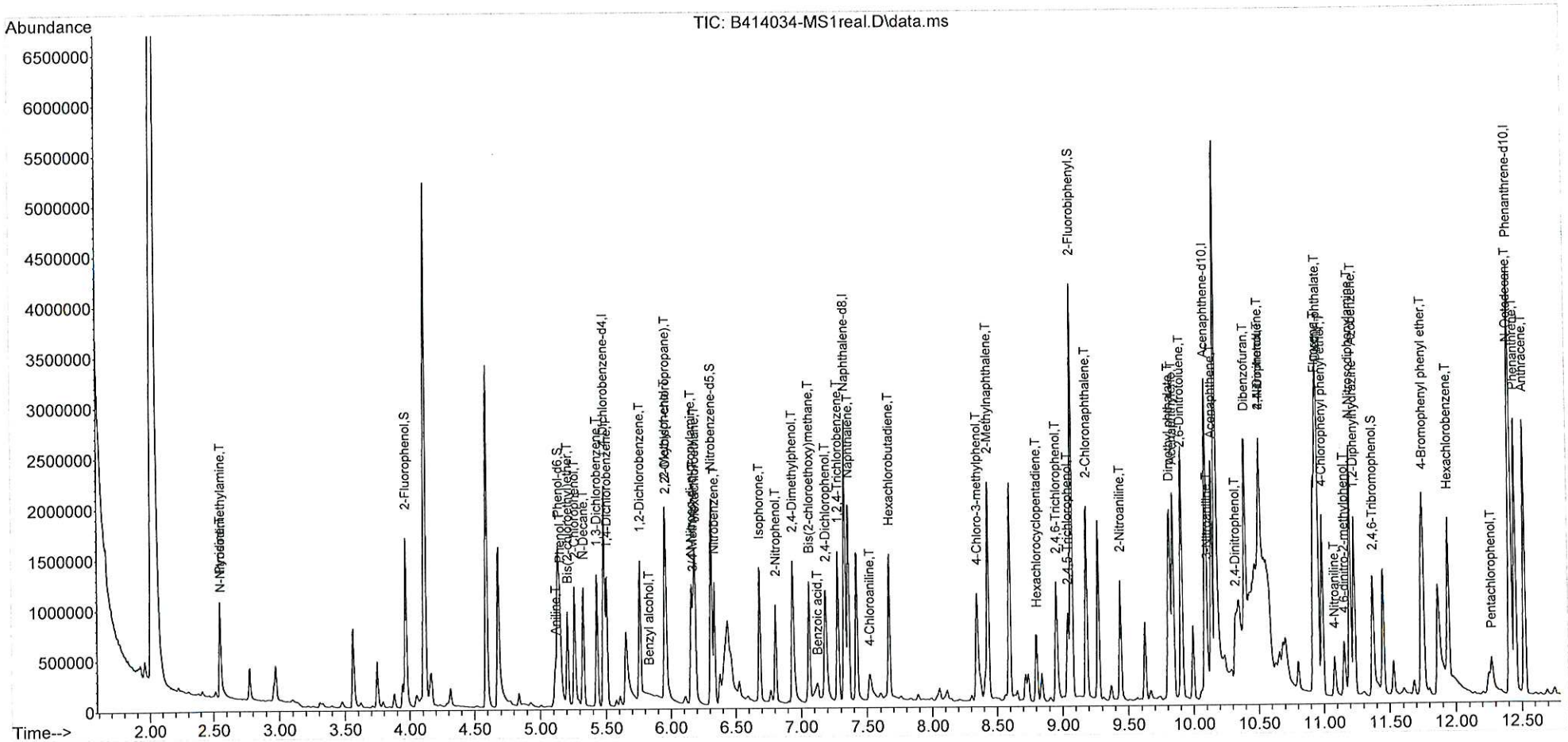
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Di-n-octyl phthalate	17.997	149	1781260	26.10	ppm	#	97
78) Benzo(b)fluoranthene	18.440	252	1291227	24.46	ppm		99
79) Benzo(k)fluoranthene	18.484	252	1404476	20.26	ppm		98
80) Benzo(a)pyrene	19.018	252	1264859	20.42	ppm		100
82) Indeno(1,2,3-cd)pyrene	21.272	276	1023932	23.44	ppm	#	89
83) Dibenzo(a,h)anthracene	21.344	278	1097893	22.32	ppm		98
84) Benzo(g,h,i)perylene	21.792	276	1101185	20.47	ppm		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MS1real.D
Acq On : 8 Apr 2024 23:57
Operator :
Sample : B414034-MS1
Misc :
ALS Vial : 18 Sample Multiplier: 1

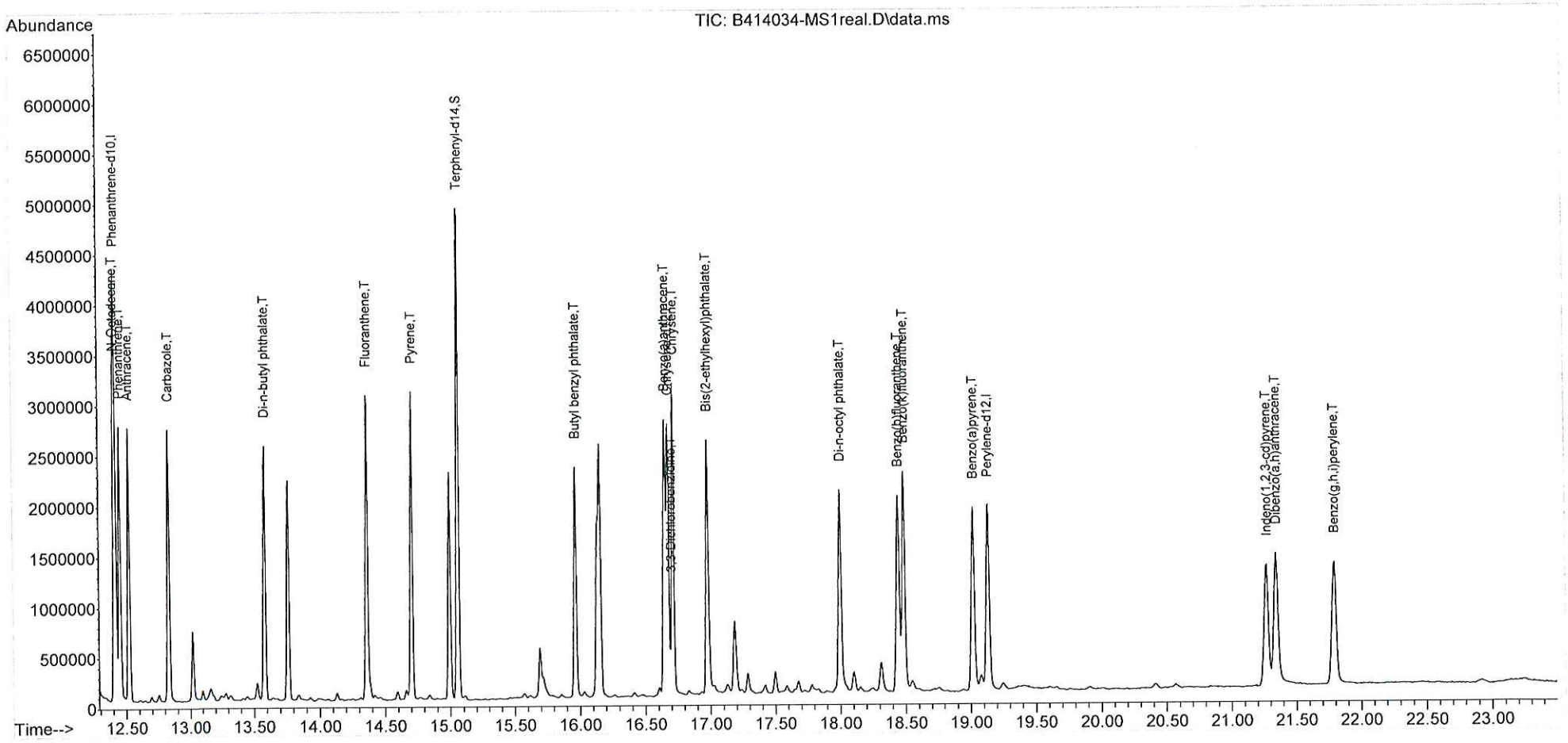
Quant Time: Apr 10 09:38:06 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MS1real.D
Acq On : 8 Apr 2024 23:57
Operator :
Sample : B414034-MS1
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 10 09:38:06 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MSD1real.D
Acq On : 9 Apr 2024 00:39
Operator :
Sample : B414034-MSD1
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 10 09:39:52 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.482	152	410713	20.00	ppm	0.00
29) Naphthalene-d8	7.331	136	1560116	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.091	164	881293	20.00	ppm	0.00
63) Phenanthrene-d10	12.416	188	1528419	20.00	ppm	0.00
73) Chrysene-d12	16.673	240	1205189	20.00	ppm	0.00
81) Perylene-d12	19.134	264	1188437	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.970	112	346568	13.90	ppm	0.02
5) Phenol-d6	5.136	99	377079	11.92	ppm	0.00
20) Nitrobenzene-d5	6.311	82	711308	26.42	ppm	0.00
38) 2-Fluorobiphenyl	9.070	172	1619203	30.02	ppm	0.00
58) 2,4,6-Tribromophenol	11.376	330	109826	14.92	ppm	0.00
70) Terphenyl-d14	15.060	244	2318841	34.61	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.545	79	269765	9.56	ppm #	60
3) N-Nitrosodimethylamine	2.555	74	168430	10.84	ppm	90
6) Phenol	5.155	94	188951	5.07	ppm	98
7) Aniline	5.112	93	480956	11.64	ppm	94
8) 2-Chlorophenol	5.261	128	276868	9.98	ppm	97
9) N-Decane	5.328	57	270240	10.49	ppm #	83
10) Bis(2-chloroethyl)ether	5.208	93	323498	11.97	ppm	95
11) 1,3-Dichlorobenzene	5.429	146	347115	11.43	ppm	96
12) 1,4-Dichlorobenzene	5.506	146	335360	11.49	ppm	96
13) Benzyl alcohol	5.901	108	131656	7.84	ppm #	70
14) 1,2-Dichlorobenzene	5.762	146	349186	11.74	ppm	95
15) 2-Methylphenol	5.954	108	289091	11.87	ppm #	85
16) 2,2'-Oxybis(1-chloropr...	5.959	45	389081	11.34	ppm #	71
17) Hexachloroethane	6.185	117	127817	11.16	ppm	95
18) 3/4-Methylphenol	6.176	107	217271	7.95	ppm	89
19) N-Nitroso-di-n-propyla...	6.156	70	242595	12.77	ppm #	94
21) Nitrobenzene	6.335	77	347116	12.57	ppm #	71
22) Isophorone	6.681	82	637006	12.58	ppm #	94
23) 2-Nitrophenol	6.806	139	138309	9.53	ppm #	72
24) 2,4-Dimethylphenol	6.937	122	252770	10.15	ppm	88
25) Benzoic acid	7.100	122	2589	1.55	ppm #	1
26) Bis(2-chloroethoxy)met...	7.062	93	415725	12.02	ppm	96
27) 2,4-Dichlorophenol	7.192	162	163752	7.39	ppm	96
28) 1,2,4-Trichlorobenzene	7.278	180	319474	12.29	ppm	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MSD1real.D
Acq On : 9 Apr 2024 00:39
Operator :
Sample : B414034-MSD1
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 10 09:39:52 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	Qlon	Response	Conc	Units	Dev(Min)
30) Naphthalene	7.360	128	1011163	12.64	ppm	99
31) 4-Chloroaniline	7.514	127	405939	12.19	ppm	97
32) Hexachlorobutadiene	7.668	225	175425	13.03	ppm	95
33) 4-Chloro-3-methylphenol	8.352	107	115578	5.45	ppm #	81
34) 2-Methylnaphthalene	8.429	142	702274	13.10	ppm #	91
35) Hexachlorocyclopentadiene	0.000		0	N.D.		
36) 2,4,6-Trichlorophenol	9.007	196	34514	2.30	ppm #	91
37) 2,4,5-Trichlorophenol	9.079	196	35432m	2.13	ppm	
39) 2-Chloronaphthalene	9.185	162	676042	13.19	ppm	95
40) 2-Nitroaniline	9.440	65	227813	17.02	ppm #	81
41) Dimethyl phthalate	9.816	163	784066	13.18	ppm #	90
42) Acenaphthylene	9.840	152	1077191	13.72	ppm	99
43) 2,6-Dinitrotoluene	9.903	165	189654	14.87	ppm #	76
45) 3-Nitroaniline	10.105	138	62581	4.32	ppm	84
46) Acenaphthene	10.139	154	626947	13.10	ppm	96
47) 2,4-Dinitrophenol	10.274	184	1850	2.01	ppm #	41
48) Dibenzofuran	10.399	168	973978	13.58	ppm	91
49) 4-Nitrophenol	10.505	65	74462	7.94	ppm #	76
50) 2,4-Dinitrotoluene	10.509	165	105115	6.51	ppm #	70
51) Fluorene	10.943	166	731499	12.49	ppm	98
52) Diethyl phthalate	10.957	149	1320870	23.07	ppm	98
53) 4-Chlorophenyl phenyl ...	10.991	204	380839	14.54	ppm	89
54) 4-Nitroaniline	11.082	138	135783	9.27	ppm #	62
55) 4,6-dinitro-2-methylph...	10.924	198	1262	1.54	ppm #	1
56) N-Nitrosodiphenylamine	11.198	169	768113	15.41	ppm	98
57) 1,2-Diphenylhydrazine ...	11.232	77	782215	13.90	ppm #	88
59) 4-Bromophenyl phenyl e...	11.757	248	233374	14.65	ppm #	88
60) Hexachlorobenzene	11.944	284	235127	13.97	ppm	95
61) Pentachlorophenol	12.277	266	20518	2.81	ppm #	87
62) N-Octadecane	12.412	57	475625	15.97	ppm #	71
64) Phenanthrene	12.455	178	1307582	15.17	ppm	100
65) Anthracene	12.522	178	1295947	15.58	ppm	99
66) Carbazole	12.830	167	1351249	17.55	ppm	99
67) Di-n-butyl phthalate	13.582	149	1726490	18.02	ppm #	96
68) Fluoranthene	14.357	202	1526479	17.14	ppm #	97
69) Pyrene	14.704	202	1527142	16.71	ppm	99
71) Butyl benzyl phthalate	15.965	149	725542	17.84	ppm	85
72) Benzo(a)anthracene	16.649	228	1403388	18.81	ppm	99
74) Chrysene	16.712	228	1349354	17.67	ppm	99
75) 3,3-Dichlorobenzidine	16.692	252	218660	8.91	ppm	97
76) Bis(2-ethylhexyl)phtha...	16.976	149	1036005	20.98	ppm #	96

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MSD1real.D
Acq On : 9 Apr 2024 00:39
Operator :
Sample : B414034-MSD1
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 10 09:39:52 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

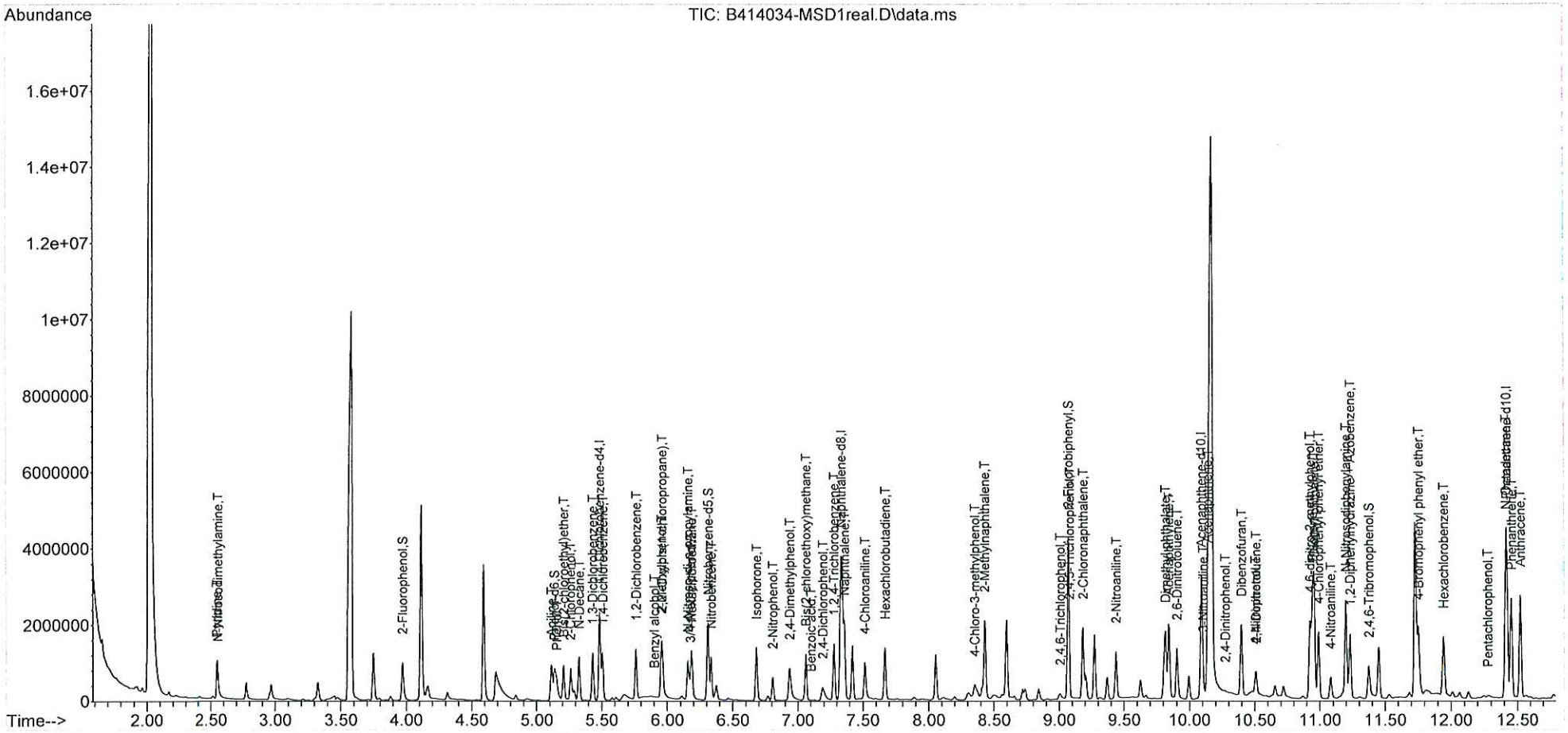
Compound	R.T.	Qlon	Response	Conc	Units		Dev(Min)
77) Di-n-octyl phthalate	17.997	149	1680457	24.00	ppm	#	97
78) Benzo(b)fluoranthene	18.440	252	1242095	22.61	ppm		98
79) Benzo(k)fluoranthene	18.484	252	1330531	18.45	ppm		98
80) Benzo(a)pyrene	19.018	252	1185071	18.50	ppm		100
82) Indeno(1,2,3-cd)pyrene	21.272	276	976485	22.15	ppm	#	89
83) Dibenzo(a,h)anthracene	21.344	278	1049501	21.11	ppm		97
84) Benzo(g,h,i)perylene	21.792	276	1052334	19.33	ppm		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MSD1real.D
Acq On : 9 Apr 2024 00:39
Operator :
Sample : B414034-MSD1
Misc :
ALS Vial : 19 Sample Multiplier: 1

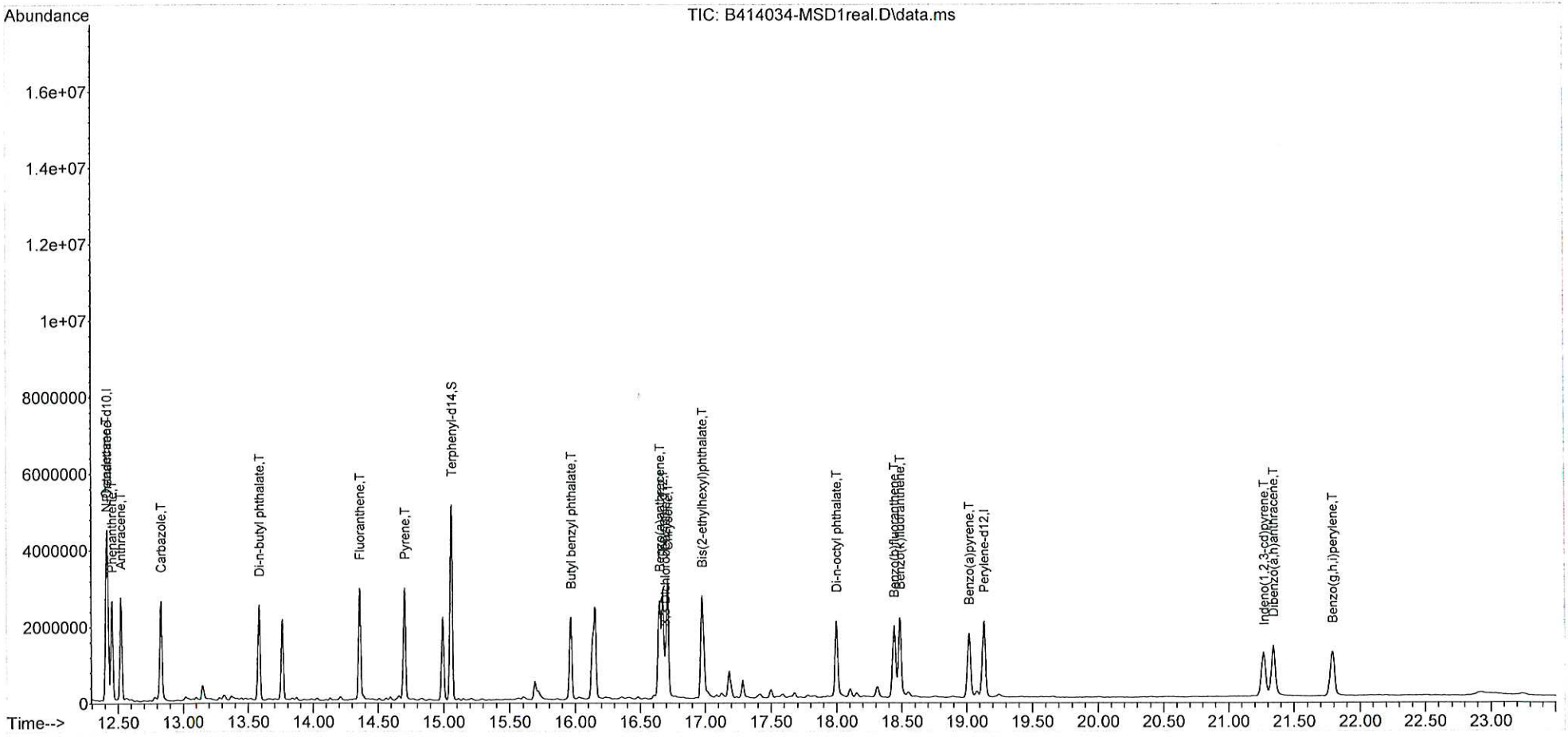
Quant Time: Apr 10 09:39:52 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : B414034-MSD1real.D
Acq On : 9 Apr 2024 00:39
Operator :
Sample : B414034-MSD1
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 10 09:39:52 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : 4032817-10.D
Acq On : 9 Apr 2024 6:16
Operator :
Sample : 4032817-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 10 10:07:42 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	5.483	152	392751	20.00	ppm	0.00
29) Naphthalene-d8	7.332	136	1574829	20.00	ppm	# 0.00
44) Acenaphthene-d10	10.091	164	887606	20.00	ppm	0.00
63) Phenanthrene-d10	12.417	188	1557918	20.00	ppm	# 0.00
73) Chrysene-d12	16.669	240	1160231	20.00	ppm	0.00
81) Perylene-d12	19.134	264	1158221	20.00	ppm	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	3.975	112	233950	9.81	ppm	0.02
5) Phenol-d6	5.150	99	323019	10.68	ppm	0.02
20) Nitrobenzene-d5	6.306	82	404177	15.70	ppm	0.00
38) 2-Fluorobiphenyl	9.070	172	1311155	23.89	ppm	0.00
58) 2,4,6-Tribromophenol	11.372	330	233011	30.91	ppm	0.00
70) Terphenyl-d14	15.055	244	2022076	29.61	ppm	0.00
Target Compounds						Qvalue
2) Pyridine	2.574	79	7910	0.29	ppm	# 20
3) N-Nitrosodimethylamine	0.000		0	N.D.		
6) Phenol	5.170	94	1765	0.05	ppm	# 1
7) Aniline	0.000		0	N.D.		
8) 2-Chlorophenol	0.000		0	N.D.		
9) N-Decane	5.324	57	1953	Below Cal		# 44
10) Bis(2-chloroethyl)ether	0.000		0	N.D.		
11) 1,3-Dichlorobenzene	0.000		0	N.D.		
12) 1,4-Dichlorobenzene	0.000		0	N.D.		
13) Benzyl alcohol	5.483	108	1451	0.09	ppm	# 1
14) 1,2-Dichlorobenzene	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) 2,2'-Oxybis(1-chloropr...	5.969	45	1308	0.04	ppm	# 30
17) Hexachloroethane	0.000		0	N.D.		
18) 3/4-Methylphenol	0.000		0	N.D.		
19) N-Nitroso-di-n-propyla...	6.133	70	2501	0.14	ppm	# 73
21) Nitrobenzene	6.306	77	1881	0.07	ppm	# 38
22) Isophorone	6.773	82	1500	0.03	ppm	# 66
23) 2-Nitrophenol	0.000		0	N.D.		
24) 2,4-Dimethylphenol	7.048	122	2147	0.09	ppm	# 1
25) Benzoic acid	7.048	122	2147	1.53	ppm	# 57
26) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
27) 2,4-Dichlorophenol	0.000		0	N.D.		
28) 1,2,4-Trichlorobenzene	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : 4032817-10.D
Acq On : 9 Apr 2024 6:16
Operator :
Sample : 4032817-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 10 10:07:42 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Naphthalene	7.356	128	1153	0.01	ppm #	69
31) 4-Chloroaniline	0.000		0	N.D.		
32) Hexachlorobutadiene	0.000		0	N.D.		
33) 4-Chloro-3-methylphenol	0.000		0	N.D.		
34) 2-Methylnaphthalene	0.000		0	N.D.		
35) Hexachlorocyclopentadiene	0.000		0	N.D.		
36) 2,4,6-Trichlorophenol	0.000		0	N.D.		
37) 2,4,5-Trichlorophenol	0.000		0	N.D.		
39) 2-Chloronaphthalene	9.368	162	3201	0.06	ppm #	38
40) 2-Nitroaniline	9.364	65	1447	0.11	ppm #	27
41) Dimethyl phthalate	0.000		0	N.D.		
42) Acenaphthylene	9.840	152	1641	0.02	ppm #	31
43) 2,6-Dinitrotoluene	0.000		0	N.D.		
45) 3-Nitroaniline	0.000		0	N.D.		
46) Acenaphthene	10.139	154	1277	0.03	ppm #	68
47) 2,4-Dinitrophenol	0.000		0	N.D.		
48) Dibenzofuran	10.399	168	1238	0.02	ppm #	41
49) 4-Nitrophenol	10.683	65	1444	0.15	ppm #	1
50) 2,4-Dinitrotoluene	0.000		0	N.D.		
51) Fluorene	10.933	166	1133	0.02	ppm #	73
52) Diethyl phthalate	10.953	149	1630	0.03	ppm #	61
53) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
54) 4-Nitroaniline	0.000		0	N.D.		
55) 4,6-dinitro-2-methylph...	11.372	198	1080	1.52	ppm #	1
56) N-Nitrosodiphenylamine	11.372	169	8417	0.17	ppm #	28
57) 1,2-Diphenylhydrazine ...	11.218	77	2633	0.05	ppm #	59
59) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
60) Hexachlorobenzene	0.000		0	N.D.		
61) Pentachlorophenol	0.000		0	N.D.		
62) N-Octadecane	12.402	57	3062	0.10	ppm #	77
64) Phenanthrene	12.450	178	1663	0.02	ppm #	1
65) Anthracene	12.518	178	1922	0.02	ppm #	60
66) Carbazole	12.836	167	1262	0.02	ppm #	60
67) Di-n-butyl phthalate	13.582	149	9244	0.09	ppm #	76
68) Fluoranthene	14.357	202	2086	0.02	ppm #	65
69) Pyrene	14.699	202	1629	0.02	ppm #	57
71) Butyl benzyl phthalate	0.000		0	N.D.		
72) Benzo(a)anthracene	16.673	228	4882	0.06	ppm #	48
74) Chrysene	16.707	228	1593	0.02	ppm #	23
75) 3,3-Dichlorobenzidine	0.000		0	N.D.		
76) Bis(2-ethylhexyl)phtha...	16.977	149	3131	0.07	ppm #	39

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : 4032817-10.D
Acq On : 9 Apr 2024 6:16
Operator :
Sample : 4032817-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 10 10:07:42 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration

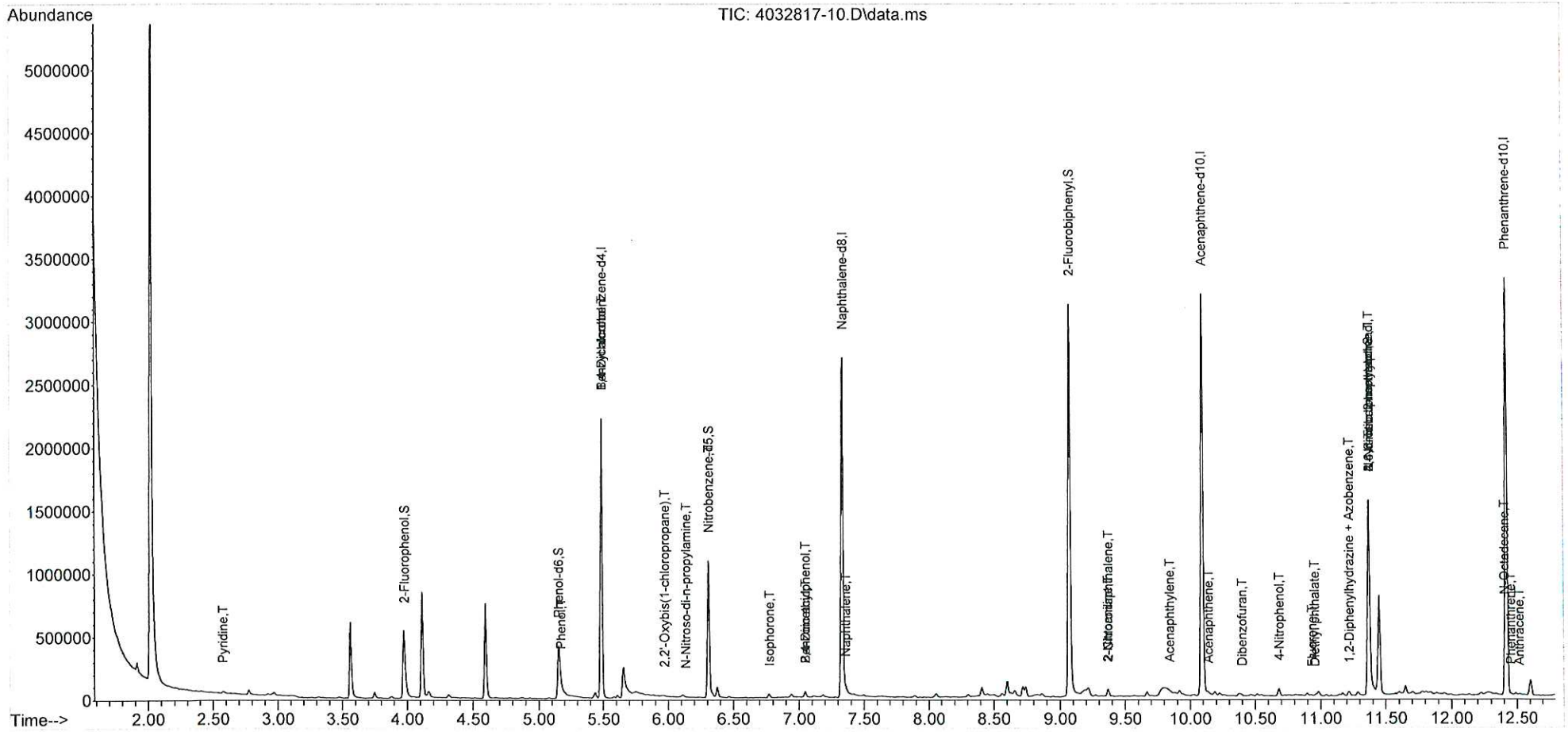
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Di-n-octyl phthalate	17.993	149	4275	0.08	ppm #	87
78) Benzo(b)fluoranthene	18.474	252	1693	0.03	ppm #	25
79) Benzo(k)fluoranthene	18.474	252	1693	0.02	ppm #	24
80) Benzo(a)pyrene	0.000		0	N.D.	d	
82) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
83) Dibenzo(a,h)anthracene	0.000		0	N.D.		
84) Benzo(g,h,i)perylene	21.787	276	1117	0.61	ppm #	54

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : 4032817-10.D
Acq On : 9 Apr 2024 6:16
Operator :
Sample : 4032817-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

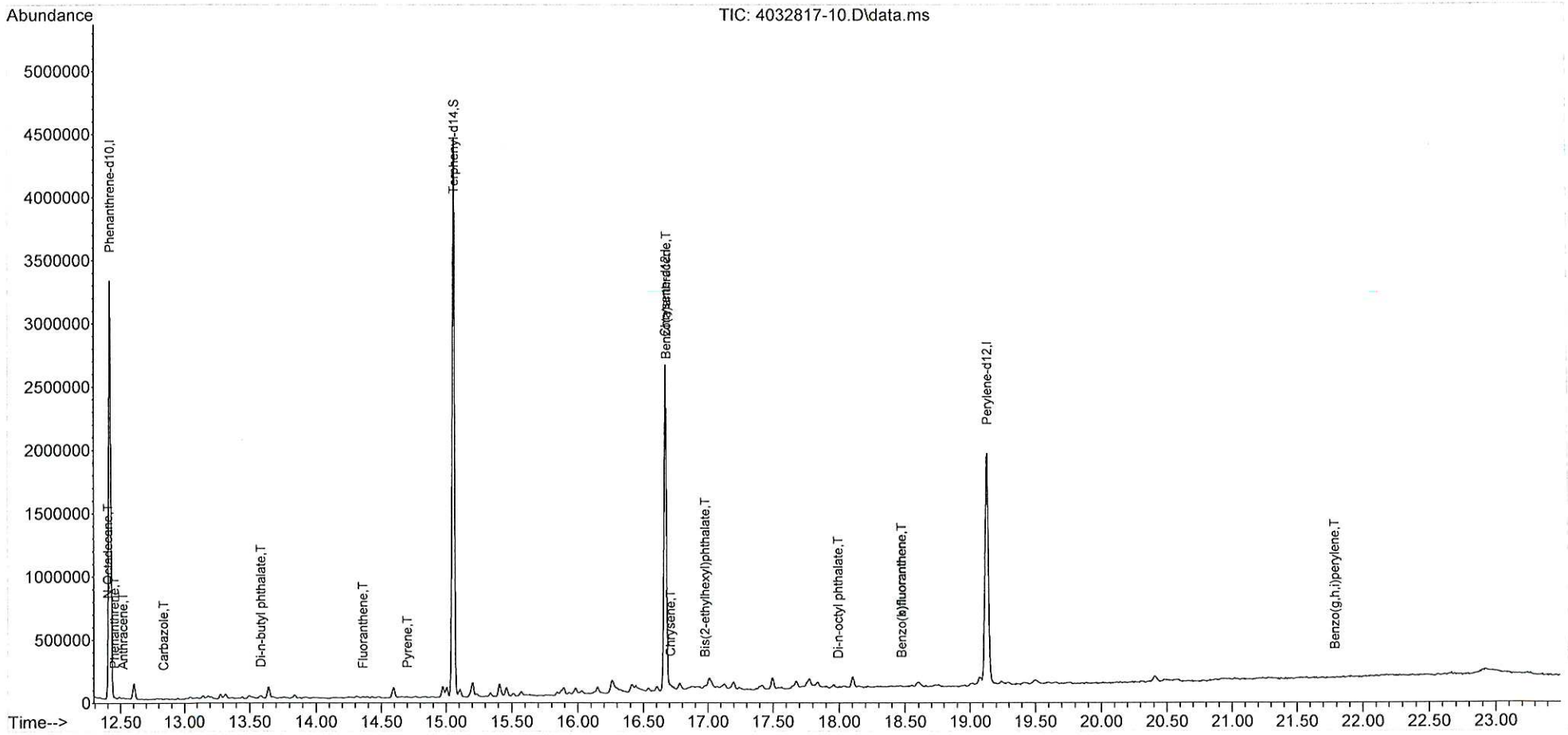
Quant Time: Apr 10 10:07:42 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04-2024\20240408\
Data File : 4032817-10.D
Acq On : 9 Apr 2024 6:16
Operator :
Sample : 4032817-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 10 10:07:42 2024
Quant Method : C:\msdchem\1\methods\METHODS\SV240402.M
Quant Title : EPA 8270 Multi-Point Calibration
QLast Update : Fri Apr 05 14:43:15 2024
Response via : Initial Calibration



LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

VOCs
EPA 8260D

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

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VOLATILES QC SUMMARY

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AIHA# 164456
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PADEP# 68-2943

SYSTEM MONITORING COMPOUND SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Instrument:	ChemStation05

	(74.4% -	(BFB) # (89.4% -	(DCE) # (90.7% -	(TOL) # (92.7% -
4032817-09	95	100	97	100
4032817-10	96	101	97	101
B413165-BLK1	98	99	97	99
B413165-BS1	98	100	97	101
B413165-MS1	98	101	97	101
B413165-MSD1	98	99	97	101

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PADEP# 68-2943

SYSTEM MONITORING COMPOUND SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	ChemStation02

	(77.6% -	(BFB) # (76.1% -	(DCE) # (72.1% -	(TOL) # (77.8% -
4032817-03	101	106	104	101
4032817-04	104	106	108	102
4032817-05	109	106	111	100
4032817-06	105	106	108	99
4032817-07	106	104	109	99
B414026-BLK1	101	104	106	101
B414026-BS1	98	99	97	101
B414026-MS1	96	106	99	103
B414026-MSD1	101	105	102	101

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CTDOH# PH-0284
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PADEP# 68-2943

SYSTEM MONITORING COMPOUND SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	SDG:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Instrument:	ChemStation02

	(77.6% -	(BFB) # (76.1% -	(DCE) # (72.1% -	(TOL) # (77.8% -
4032817-08	101	104	106	99
B414064-BLK1	97	105	105	102
B414064-BS1	107	99	104	100
B414064-MS1	103	101	107	100
B414064-MSD1	100	104	102	99

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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8260D
Batch:	B413165	Preparation:	EPA 5030 C
% Solids:		Laboratory ID:	B413165-MS1
Column:		Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.		QC LIMITS REC.
Vinyl chloride	50.0	ND	ND	0	*	47.6 - 150
Acetone	50.0	ND	43.0	86		40.6 - 142
1,1-Dichloroethene	50.0	ND	42.5	85		69 - 146
tert-Butyl alcohol	50.0	ND	38.6	77		54.5 - 147
Methyl Acetate	50.0	ND	37.5	75		58.3 - 143
Methylene Chloride	50.0	ND	36.9	74		49.2 - 145
Methyl-tert-Butyl Ether	50.0	ND	37.2	74		62.7 - 122
trans-1,2-Dichloroethene	50.0	ND	38.8	78		71.1 - 135
1,1-Dichloroethane	50.0	ND	40.4	81		70.1 - 129
Methyl Ethyl Ketone (2-Butanone)	50.0	ND	41.9	84		55.9 - 144
cis-1,2-Dichloroethene	50.0	ND	38.8	78		72.8 - 132
Chloroform	50.0	ND	40.1	80		74.4 - 130
1,1,1-Trichloroethane	50.0	ND	42.3	85		76.3 - 130
1,2-Dichloroethane	50.0	0.130	37.9	76		70.5 - 125
Carbon Tetrachloride	50.0	ND	43.4	87		69.3 - 132
Benzene	50.0	0.170	40.3	80		74.5 - 134
Trichloroethene	50.0	ND	44.3	89		76.2 - 120
1,4-Dioxane	500	ND	ND	0	*	49.7 - 144
Toluene	50.0	0.560	44.5	88		71.5 - 129
Tetrachloroethene	50.0	ND	45.8	92		68 - 128
Chlorobenzene	50.0	21.1	68.2	94		72 - 120
Ethylbenzene	50.0	ND	46.2	92		73.4 - 128
m,p-Xylenes	100	0.910	90.4	90		73.6 - 128
o-Xylene	50.0	0.380	45.0	89		69.7 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8260D
Batch:	B413165	Preparation:	EPA 5030 C
% Solids:		Laboratory ID:	B413165-MS1
Column:		Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC.	QC LIMITS REC.
n-Propylbenzene	50.0	ND	46.6	93	70.4 - 127
1,3,5-Trimethylbenzene	50.0	ND	45.8	92	74.2 - 121
tert-Butylbenzene	50.0	ND	47.5	95	67.7 - 125
1,2,4-Trimethylbenzene	50.0	ND	44.7	89	74.3 - 121
sec-Butylbenzene	50.0	ND	47.1	94	61.1 - 128
1,3-Dichlorobenzene	50.0	2.86	43.8	82	72.1 - 120
1,4-Dichlorobenzene	50.0	2.96	46.6	87	76.6 - 119
1,2-Dichlorobenzene	50.0	0.230	43.7	87	75.5 - 120
n-Butylbenzene	50.0	0.310	45.2	90	75.3 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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CTDOH# PH-0284
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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8260D
Batch:	B413165	Preparation:	EPA 5030 C
% Solids:		Laboratory ID:	B413165-MSD1
Column:		Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	50.0	ND	0	*			20	47.6 - 150
Acetone	50.0	29.4	59		37	*	20	40.6 - 142
1,1-Dichloroethene	50.0	43.8	88		3		20	69 - 146
tert-Butyl alcohol	50.0	40.3	81		4		20	54.5 - 147
Methyl Acetate	50.0	34.7	69		8		20	58.3 - 143
Methylene Chloride	50.0	39.2	78		6		20	49.2 - 145
Methyl-tert-Butyl Ether	50.0	40.6	81		9		20	62.7 - 122
trans-1,2-Dichloroethene	50.0	42.3	85		9		20	71.1 - 135
1,1-Dichloroethane	50.0	41.6	83		3		20	70.1 - 129
Methyl Ethyl Ketone (2-Butanone)	50.0	38.4	77		9		20	55.9 - 144
cis-1,2-Dichloroethene	50.0	41.3	83		6		20	72.8 - 132
Chloroform	50.0	41.6	83		4		20	74.4 - 130
1,1,1-Trichloroethane	50.0	43.7	87		3		20	76.3 - 130
1,2-Dichloroethane	50.0	39.1	78		3		20	70.5 - 125
Carbon Tetrachloride	50.0	44.6	89		3		20	69.3 - 132
Benzene	50.0	42.1	84		4		20	74.5 - 134
Trichloroethene	50.0	46.6	93		5		20	76.2 - 120
1,4-Dioxane	500	334	67				20	49.7 - 144
Toluene	50.0	46.6	92		5		20	71.5 - 129
Tetrachloroethene	50.0	46.5	93		1		20	68 - 128
Chlorobenzene	50.0	70.9	100		4		20	72 - 120
Ethylbenzene	50.0	48.0	96		4		20	73.4 - 128
m,p-Xylenes	100	94.1	93		4		20	73.6 - 128
o-Xylene	50.0	46.6	92		3		20	69.7 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Analysis:	EPA 8260D
Batch:	B413165	Preparation:	EPA 5030 C
% Solids:		Laboratory ID:	B413165-MSD1
Column:		Sample Lab ID:	4032745-05

ANALYTE	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
n-Propylbenzene	50.0	48.0	96	3	20	70.4 - 127
1,3,5-Trimethylbenzene	50.0	46.9	94	2	20	74.2 - 121
tert-Butylbenzene	50.0	47.5	95	0.1	20	67.7 - 125
1,2,4-Trimethylbenzene	50.0	46.8	94	5	20	74.3 - 121
sec-Butylbenzene	50.0	48.1	96	2	20	61.1 - 128
1,3-Dichlorobenzene	50.0	45.9	86	5	20	72.1 - 120
1,4-Dichlorobenzene	50.0	49.8	94	7	20	76.6 - 119
1,2-Dichlorobenzene	50.0	46.2	92	6	20	75.5 - 120
n-Butylbenzene	50.0	47.7	95	5	20	75.3 - 130

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414026	Preparation:	EPA 5035A-L
% Solids:	77.05	Laboratory ID:	B414026-MS1
Column:		Sample Lab ID:	4032817-05

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.		QC LIMITS REC.
Vinyl chloride	64.3	ND	18.9	29	*	39.2 - 169
Acetone	64.3	ND	ND	0	*	39.8 - 172
1,1-Dichloroethene	64.3	2.22	9.18	11	*	63.5 - 132
Methylene Chloride	64.3	4.05	9.93	9	*	50.4 - 144
Methyl-tert-Butyl Ether	64.3	ND	9.47	15	*	60.6 - 145
trans-1,2-Dichloroethene	64.3	1.38	8.16	11	*	61 - 130
1,1-Dichloroethane	64.3	ND	8.82	14	*	58.6 - 137
Methyl Ethyl Ketone (2-Butanone)	64.3	ND	9.18	14	*	50.1 - 152
cis-1,2-Dichloroethene	64.3	ND	7.85	12	*	61.3 - 136
Chloroform	64.3	1.04	8.84	12	*	66.5 - 134
1,1,1-Trichloroethane	64.3	ND	6.89	11	*	67 - 135
1,2-Dichloroethane	64.3	ND	8.30	13	*	57.6 - 141
Carbon Tetrachloride	64.3	ND	7.35	11	*	64.7 - 136
Benzene	64.3	ND	7.07	11	*	58.7 - 131
Trichloroethene	64.3	ND	5.91	9	*	58.3 - 132
1,4-Dioxane	643	ND	94.3	15	*	57.9 - 153
Toluene	64.3	2.75	5.64	4	*	61.2 - 128
Tetrachloroethene	64.3	ND	4.70	7	*	46.9 - 138
Chlorobenzene	64.3	ND	4.82	8	*	64.4 - 123
Ethylbenzene	64.3	ND	4.45	7	*	61.8 - 122
m,p-Xylenes	129	ND	8.17	6	*	44.3 - 133
o-Xylene	64.3	ND	4.19	7	*	57.1 - 124
n-Propylbenzene	64.3	ND	3.16	5	*	54.6 - 120
1,3,5-Trimethylbenzene	64.3	ND	2.94	5	*	53.8 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414026	Preparation:	EPA 5035A-L
% Solids:	77.05	Laboratory ID:	B414026-MS1
Column:		Sample Lab ID:	4032817-05

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.		QC LIMITS REC.
tert-Butylbenzene	64.3	ND	3.08	5	*	46.7 - 127
1,2,4-Trimethylbenzene	64.3	ND	3.15	5	*	53.2 - 124
sec-Butylbenzene	64.3	ND	2.80	4	*	47.5 - 117
1,3-Dichlorobenzene	64.3	ND	2.40	4	*	57.5 - 123
1,4-Dichlorobenzene	64.3	ND	2.84	4	*	58.6 - 123
1,2-Dichlorobenzene	64.3	ND	2.81	4	*	58.7 - 118
n-Butylbenzene	64.3	ND	3.26	5	*	43.2 - 123

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PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414026	Preparation:	EPA 5035A-L
% Solids:	77.05	Laboratory ID:	B414026-MSD1
Column:		Sample Lab ID:	4032817-05

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	65.3	31.2	48		49	*	20	39.2 - 169
Acetone	65.3	ND	0	*			20	39.8 - 172
1,1-Dichloroethene	65.3	38.7	56	*	123	*	20	63.5 - 132
Methylene Chloride	65.3	45.1	63		128	*	20	50.4 - 144
Methyl-tert-Butyl Ether	65.3	47.9	73		134	*	20	60.6 - 145
trans-1,2-Dichloroethene	65.3	34.3	50	*	123	*	20	61 - 130
1,1-Dichloroethane	65.3	43.3	66		132	*	20	58.6 - 137
Methyl Ethyl Ketone (2-Butanone)	65.3	45.6	70		133	*	20	50.1 - 152
cis-1,2-Dichloroethene	65.3	38.9	60	*	133	*	20	61.3 - 136
Chloroform	65.3	42.3	63	*	131	*	20	66.5 - 134
1,1,1-Trichloroethane	65.3	37.1	57	*	137	*	20	67 - 135
1,2-Dichloroethane	65.3	40.9	63		133	*	20	57.6 - 141
Carbon Tetrachloride	65.3	31.2	48	*	124	*	20	64.7 - 136
Benzene	65.3	37.3	57	*	136	*	20	58.7 - 131
Trichloroethene	65.3	29.7	46	*	134	*	20	58.3 - 132
1,4-Dioxane	653	446	68		130	*	20	57.9 - 153
Toluene	65.3	29.0	40	*	135	*	20	61.2 - 128
Tetrachloroethene	65.3	21.4	33	*	128	*	20	46.9 - 138
Chlorobenzene	65.3	24.0	37	*	133	*	20	64.4 - 123
Ethylbenzene	65.3	22.2	34	*	133	*	20	61.8 - 122
m,p-Xylenes	131	41.6	32	*	134	*	20	44.3 - 133
o-Xylene	65.3	21.6	33	*	135	*	20	57.1 - 124
n-Propylbenzene	65.3	15.3	23	*	131	*	20	54.6 - 120
1,3,5-Trimethylbenzene	65.3	15.2	23	*	135	*	20	53.8 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414026	Preparation:	EPA 5035A-L
% Solids:	77.05	Laboratory ID:	B414026-MSD1
Column:		Sample Lab ID:	4032817-05

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	65.3	14.2	22	*	129	*	20	46.7 - 127
1,2,4-Trimethylbenzene	65.3	15.4	24	*	132	*	20	53.2 - 124
sec-Butylbenzene	65.3	11.9	18	*	124	*	20	47.5 - 117
1,3-Dichlorobenzene	65.3	15.7	24	*	147	*	20	57.5 - 123
1,4-Dichlorobenzene	65.3	15.3	23	*	137	*	20	58.6 - 123
1,2-Dichlorobenzene	65.3	15.1	23	*	137	*	20	58.7 - 118
n-Butylbenzene	65.3	12.6	19	*	118	*	20	43.2 - 123

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414064	Preparation:	EPA 5035A-L
% Solids:	89.12	Laboratory ID:	B414064-MS1
Column:		Sample Lab ID:	4033010-01

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.		QC LIMITS REC.
Vinyl chloride	55.5	2.99	42.8	72		39.2 - 169
Acetone	55.5	ND	ND	0	*	39.8 - 172
1,1-Dichloroethene	55.5	1.87	48.6	84		63.5 - 132
Methylene Chloride	55.5	ND	53.5	96		50.4 - 144
Methyl-tert-Butyl Ether	55.5	ND	52.9	95		60.6 - 145
trans-1,2-Dichloroethene	55.5	1.20	46.2	81		61 - 130
1,1-Dichloroethane	55.5	ND	53.4	96		58.6 - 137
Methyl Ethyl Ketone (2-Butanone)	55.5	ND	58.2	105		50.1 - 152
cis-1,2-Dichloroethene	55.5	ND	49.8	90		61.3 - 136
Chloroform	55.5	ND	54.4	98		66.5 - 134
1,1,1-Trichloroethane	55.5	ND	55.1	99		67 - 135
1,2-Dichloroethane	55.5	ND	51.8	93		57.6 - 141
Carbon Tetrachloride	55.5	ND	53.8	97		64.7 - 136
Benzene	55.5	ND	49.3	89		58.7 - 131
Trichloroethene	55.5	ND	49.6	89		58.3 - 132
1,4-Dioxane	555	ND	544	98		57.9 - 153
Toluene	55.5	ND	48.9	88		61.2 - 128
Tetrachloroethene	55.5	ND	45.4	82		46.9 - 138
Chlorobenzene	55.5	ND	47.7	86		64.4 - 123
Ethylbenzene	55.5	ND	46.2	83		61.8 - 122
m,p-Xylenes	111	ND	88.5	80		44.3 - 133
o-Xylene	55.5	ND	45.5	82		57.1 - 124
n-Propylbenzene	55.5	ND	40.6	73		54.6 - 120
1,3,5-Trimethylbenzene	55.5	0.437	40.9	73		53.8 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414064	Preparation:	EPA 5035A-L
% Solids:	89.12	Laboratory ID:	B414064-MS1
Column:		Sample Lab ID:	4033010-01

ANALYTE	SPIKE ADDED (ug/kg dry)	SAMPLE CONCENTRATION (ug/kg dry)	MS CONCENTRATION (ug/kg dry)	MS % REC.	QC LIMITS REC.
tert-Butylbenzene	55.5	ND	38.5	69	46.7 - 127
1,2,4-Trimethylbenzene	55.5	ND	39.9	72	53.2 - 124
sec-Butylbenzene	55.5	ND	35.5	64	47.5 - 117
1,3-Dichlorobenzene	55.5	ND	44.7	80	57.5 - 123
1,4-Dichlorobenzene	55.5	ND	44.4	80	58.6 - 123
1,2-Dichlorobenzene	55.5	ND	43.3	78	58.7 - 118
n-Butylbenzene	55.5	1.08	37.7	66	43.2 - 123

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414064	Preparation:	EPA 5035A-L
% Solids:	89.12	Laboratory ID:	B414064-MSD1
Column:		Sample Lab ID:	4033010-01

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	53.5	32.4	55		28	*	20	39.2 - 169
Acetone	53.5	ND	0	*			20	39.8 - 172
1,1-Dichloroethene	53.5	40.2	72		19		20	63.5 - 132
Methylene Chloride	53.5	44.6	83		18		20	50.4 - 144
Methyl-tert-Butyl Ether	53.5	47.9	89		10		20	60.6 - 145
trans-1,2-Dichloroethene	53.5	39.6	72		15		20	61 - 130
1,1-Dichloroethane	53.5	44.2	83		19		20	58.6 - 137
Methyl Ethyl Ketone (2-Butanone)	53.5	50.8	95		13		20	50.1 - 152
cis-1,2-Dichloroethene	53.5	42.4	79		16		20	61.3 - 136
Chloroform	53.5	45.7	85		18		20	66.5 - 134
1,1,1-Trichloroethane	53.5	45.4	85		19		20	67 - 135
1,2-Dichloroethane	53.5	43.4	81		18		20	57.6 - 141
Carbon Tetrachloride	53.5	42.3	79		24	*	20	64.7 - 136
Benzene	53.5	40.7	76		19		20	58.7 - 131
Trichloroethene	53.5	42.3	79		16		20	58.3 - 132
1,4-Dioxane	535	508	95		7		20	57.9 - 153
Toluene	53.5	40.6	76		19		20	61.2 - 128
Tetrachloroethene	53.5	34.3	63		28	*	20	46.9 - 138
Chlorobenzene	53.5	38.7	72		21	*	20	64.4 - 123
Ethylbenzene	53.5	35.5	66		26	*	20	61.8 - 122
m,p-Xylenes	107	66.1	62		29	*	20	44.3 - 133
o-Xylene	53.5	34.4	64		28	*	20	57.1 - 124
n-Propylbenzene	53.5	26.8	50	*	41	*	20	54.6 - 120
1,3,5-Trimethylbenzene	53.5	27.2	50	*	40	*	20	53.8 - 121

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Analysis:	EPA 8260D
Batch:	B414064	Preparation:	EPA 5035A-L
% Solids:	89.12	Laboratory ID:	B414064-MSD1
Column:		Sample Lab ID:	4033010-01

ANALYTE	SPIKE ADDED (ug/kg dry)	MSD CONCENTRATION (ug/kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
tert-Butylbenzene	53.5	25.8	48		40	*	20	46.7 - 127
1,2,4-Trimethylbenzene	53.5	26.1	49	*	42	*	20	53.2 - 124
sec-Butylbenzene	53.5	21.7	41	*	48	*	20	47.5 - 117
1,3-Dichlorobenzene	53.5	31.4	59		35	*	20	57.5 - 123
1,4-Dichlorobenzene	53.5	32.0	60		32	*	20	58.6 - 123
1,2-Dichlorobenzene	53.5	32.0	60		30	*	20	58.7 - 118
n-Butylbenzene	53.5	22.8	40	*	49	*	20	43.2 - 123

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 5030 C
Batch:	B413165	Laboratory ID:	B413165-BS1
Column:		Initial/Final:	5 mL / 5 ml

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.		QC LIMITS REC.
Vinyl chloride	50.0	ND	0	*	45.2 - 143
Acetone	50.0	31.8	64		47.7 - 143
1,1-Dichloroethene	50.0	43.6	87		62.5 - 144
tert-Butyl alcohol	50.0	45.8	92		56.6 - 151
Methyl Acetate	50.0	37.8	76		60.1 - 144
Methylene Chloride	50.0	45.2	90		52.4 - 148
Methyl-tert-Butyl Ether	50.0	45.6	91		60.6 - 136
trans-1,2-Dichloroethene	50.0	44.0	88		74.1 - 129
1,1-Dichloroethane	50.0	45.3	91		74.7 - 132
Methyl Ethyl Ketone (2-Butanone)	50.0	41.1	82		61.8 - 140
cis-1,2-Dichloroethene	50.0	44.7	89		78.5 - 125
Chloroform	50.0	45.1	90		77.2 - 125
1,1,1-Trichloroethane	50.0	44.1	88		78.6 - 127
1,2-Dichloroethane	50.0	44.4	89		75.7 - 117
Carbon Tetrachloride	50.0	44.4	89		78.1 - 121
Benzene	50.0	44.8	90		77 - 122
Trichloroethene	50.0	49.6	99		82.7 - 112
1,4-Dioxane	500	337	67		50.6 - 154
Toluene	50.0	50.7	101		81.8 - 114
Tetrachloroethene	50.0	48.0	96		79.2 - 117
Chlorobenzene	50.0	51.2	102		76.6 - 115
Ethylbenzene	50.0	51.2	102		70.2 - 118
m,p-Xylenes	100	102	102		70.7 - 127
o-Xylene	50.0	51.7	103		67.6 - 117
n-Propylbenzene	50.0	50.6	101		74.4 - 114
1,3,5-Trimethylbenzene	50.0	50.4	101		70.3 - 115
tert-Butylbenzene	50.0	49.1	98		54.8 - 124
1,2,4-Trimethylbenzene	50.0	51.1	102		67.9 - 116
sec-Butylbenzene	50.0	50.1	100		60.3 - 123

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Preparation:	EPA 5030 C
Batch:	B413165	Laboratory ID:	B413165-BS1
Column:		Initial/Final:	5 mL / 5 ml

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.	QC LIMITS REC.
1,3-Dichlorobenzene	50.0	51.4	103	69 - 128
1,4-Dichlorobenzene	50.0	52.4	105	74.3 - 128
1,2-Dichlorobenzene	50.0	52.8	106	76.3 - 119
n-Butylbenzene	50.0	50.8	102	73.1 - 123

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 5035A-L
Batch:	B414026	Laboratory ID:	B414026-BS1
Column:		Initial/Final:	5 g / 5 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.		QC LIMITS REC.
Vinyl chloride	50.0	40.1	80		64.7 - 160
Acetone	50.0	ND	0	*	42.9 - 148
1,1-Dichloroethene	50.0	46.9	94		69 - 129
Methylene Chloride	50.0	48.6	97		53 - 141
Methyl-tert-Butyl Ether	50.0	52.3	105		63.5 - 140
trans-1,2-Dichloroethene	50.0	46.1	92		66.5 - 131
1,1-Dichloroethane	50.0	49.7	99		66.5 - 133
Methyl Ethyl Ketone (2-Butanone)	50.0	57.8	116		53.8 - 147
cis-1,2-Dichloroethene	50.0	48.8	98		66.8 - 132
Chloroform	50.0	51.8	104		73.7 - 129
1,1,1-Trichloroethane	50.0	52.4	105		71.7 - 136
1,2-Dichloroethane	50.0	49.5	99		63.8 - 139
Carbon Tetrachloride	50.0	52.2	104		78.4 - 131
Benzene	50.0	48.3	97		66.5 - 130
Trichloroethene	50.0	49.9	100		76.8 - 122
1,4-Dioxane	500	516	103		61.2 - 142
Toluene	50.0	50.1	100		74.5 - 127
Tetrachloroethene	50.0	51.2	102		66.1 - 136
Chlorobenzene	50.0	53.3	107		81.2 - 121
Ethylbenzene	50.0	53.0	106		80 - 121
m,p-Xylenes	100	106	106		54 - 146
o-Xylene	50.0	53.3	107		78.8 - 124
n-Propylbenzene	50.0	55.8	112		72.2 - 128
1,3,5-Trimethylbenzene	50.0	55.9	112		72.9 - 130
tert-Butylbenzene	50.0	57.0	114		74.7 - 130
1,2,4-Trimethylbenzene	50.0	56.4	113		73.9 - 129
sec-Butylbenzene	50.0	57.4	115		69.4 - 132
1,3-Dichlorobenzene	50.0	57.3	115		77.2 - 124
1,4-Dichlorobenzene	50.0	56.6	113		72.2 - 128

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 5035A-L
Batch:	B414026	Laboratory ID:	B414026-BS1
Column:		Initial/Final:	5 g / 5 mL

ANALYTE	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC.	QC LIMITS REC.
1,2-Dichlorobenzene	50.0	56.6	113	75.8 - 125
n-Butylbenzene	50.0	60.4	121	66.9 - 138

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 5035A-L
Batch:	B414064	Laboratory ID:	B414064-BS1
Column:		Initial/Final:	5 g / 5 mL

ANALYTE	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC.		QC LIMITS REC.
Vinyl chloride	50.0	42.4	85		64.7 - 160
Acetone	50.0	ND	0	*	42.9 - 148
1,1-Dichloroethene	50.0	45.6	91		69 - 129
Methylene Chloride	50.0	50.8	102		53 - 141
Methyl-tert-Butyl Ether	50.0	51.8	104		63.5 - 140
trans-1,2-Dichloroethene	50.0	45.6	91		66.5 - 131
1,1-Dichloroethane	50.0	49.5	99		66.5 - 133
Methyl Ethyl Ketone (2-Butanone)	50.0	55.6	111		53.8 - 147
cis-1,2-Dichloroethene	50.0	49.1	98		66.8 - 132
Chloroform	50.0	52.7	105		73.7 - 129
1,1,1-Trichloroethane	50.0	53.0	106		71.7 - 136
1,2-Dichloroethane	50.0	49.7	99		63.8 - 139
Carbon Tetrachloride	50.0	52.8	106		78.4 - 131
Benzene	50.0	47.4	95		66.5 - 130
Trichloroethene	50.0	47.0	94		76.8 - 122
1,4-Dioxane	500	473	95		61.2 - 142
Toluene	50.0	47.4	95		74.5 - 127
Tetrachloroethene	50.0	46.9	94		66.1 - 136
Chlorobenzene	50.0	49.4	99		81.2 - 121
Ethylbenzene	50.0	48.1	96		80 - 121
m,p-Xylenes	100	95.0	95		54 - 146
o-Xylene	50.0	48.9	98		78.8 - 124
n-Propylbenzene	50.0	50.2	100		72.2 - 128
1,3,5-Trimethylbenzene	50.0	50.7	101		72.9 - 130
tert-Butylbenzene	50.0	50.4	101		74.7 - 130
1,2,4-Trimethylbenzene	50.0	51.5	103		73.9 - 129
sec-Butylbenzene	50.0	51.8	104		69.4 - 132
1,3-Dichlorobenzene	50.0	52.3	105		77.2 - 124
1,4-Dichlorobenzene	50.0	53.6	107		72.2 - 128

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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PADEP# 68-2943

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Matrix:	Soil	Preparation:	EPA 5035A-L
Batch:	B414064	Laboratory ID:	B414064-BS1
Column:		Initial/Final:	5 g / 5 mL

ANALYTE	SPIKE ADDED (ug/kg wet)	LCS CONCENTRATION (ug/kg wet)	LCS % REC.	QC LIMITS REC.
1,2-Dichlorobenzene	50.0	53.1	106	75.8 - 125
n-Butylbenzene	50.0	56.6	113	66.9 - 138

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4 - FORM IV
METHOD BLANK SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B413165-BLK1	Batch:	B413165

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B413165-MSD1	B413165-MSD1.D	11:36
Matrix Spike	B413165-MS1	B413165-MS1.D	11:11
LCS	B413165-BS1	B413165-BS1.D	10:47
Equipment Blank	4032817-10	4032817-10.D	18:42
trip blank	4032817-09	4032817-09.D	18:18

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PADEP# 68-2943

4 - FORM IV
METHOD BLANK SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414026-BLK1	Batch:	B414026

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414026-MSD1	B414026-MSD1.D	11:54
Matrix Spike	B414026-MS1	B414026-MS1.D	11:24
LCS	B414026-BS1	B414026-BS1.D	10:52
Stockpile - 2B Grab	4032817-07	4032817-07.D	15:32
Stockpile - 1B Grab	4032817-06	4032817-06.D	15:00
Stockpile - 3A Grab (MS/MSD)	4032817-05	4032817-05.D	14:29
Stockpile - 2A Grab	4032817-04	4032817-04.D	13:58
Stockpile - 1A Grab	4032817-03	4032817-03.D	13:27

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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4 - FORM IV
METHOD BLANK SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Blank ID:	B414064-BLK1	Batch:	B414064

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B414064-MSD1	B414064-MSD1.D	13:32
Matrix Spike	B414064-MS1	B414064-MS1.D	13:01
LCS	B414064-BS1	B414064-BS1.D	12:30
Stockpile - 3B Grab	4032817-08	4032817-08.D	15:37

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	SEQ-TUN1.D	Injection Date:	03/26/24
Instrument ID:	ChemStation02	Injection Time:	09:22
Sequence:	S413025	Lab Sample ID:	S413025-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.81	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	130	PASS
175	5 - 9% of 174	7.69	PASS
176	95 - 105% of 174	95.1	PASS
177	5 - 10% of 176	6.61	PASS

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PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	SEQ-TUN2.D	Injection Date:	03/26/24
Instrument ID:	ChemStation02	Injection Time:	15:03
Sequence:	S413025	Lab Sample ID:	S413025-TUN2

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	131	PASS
175	5 - 9% of 174	7.56	PASS
176	95 - 105% of 174	96.2	PASS
177	5 - 10% of 176	7.05	PASS

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PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	SEQ-TUN3.D	Injection Date:	03/26/24
Instrument ID:	ChemStation02	Injection Time:	18:09
Sequence:	S413025	Lab Sample ID:	S413025-TUN3

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	7.36	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	127	PASS
175	5 - 9% of 174	7.58	PASS
176	95 - 105% of 174	97.1	PASS
177	5 - 10% of 176	6.86	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
SOIL Cal 2.5 PPB	S413025-CAL1	32624C1.D	03/26/2024	10:24:00
SOIL Cal 5 PPB	S413025-CAL2	32624C2.D	03/26/2024	10:55:00
SOIL Cal 10 PPB	S413025-CAL3	32624C3.D	03/26/2024	11:26:00
SOIL Cal 25 PPB	S413025-CAL4	32624C4.D	03/26/2024	11:57:00
SOIL Cal 50 PPB	S413025-CAL5	32624C5.D	03/26/2024	12:28:00
SOIL Cal 75 PPB	S413025-CAL6	32624C6.D	03/26/2024	12:59:00
SOIL Cal 100 PPB	S413025-CAL7	32624C7.D	03/26/2024	13:30:00
SOIL Cal 150 PPB	S413025-CAL8	32624C8.D	03/26/2024	14:01:00
SOIL Cal 200 PPB	S413025-CAL9	32624C9.D	03/26/2024	14:32:00
Initial Cal Check	S413025-ICV1	SEQ-ICV1.D	03/26/2024	16:05:00

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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USEPA# NY01273
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AIHA# 164456
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PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S413043-TUN1.D	Injection Date:	03/28/24
Instrument ID:	ChemStation05	Injection Time:	09:33
Sequence:	S413043	Lab Sample ID:	S413043-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	25.2	PASS
75	30 - 70% of 95	46.5	PASS
95	Base peak, 100% relative abundance	100	
96	5 - 9% of 95	6.72	PASS
173		0	
174	50 - 100% of 95	90.3	PASS
175	5 - 9% of 174	7.68	PASS
176	95 - 101% of 174	100	PASS
177	5 - 9% of 176	6.49	PASS

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S413043-TUN2.D	Injection Date:	03/28/24
Instrument ID:	ChemStation05	Injection Time:	12:01
Sequence:	S413043	Lab Sample ID:	S413043-TUN2

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	24.6	PASS
75	30 - 70% of 95	45.1	PASS
95	Base peak, 100% relative abundance	100	
96	5 - 9% of 95	7.37	PASS
173		0	
174	50 - 100% of 95	90.8	PASS
175	5 - 9% of 174	8.22	PASS
176	95 - 101% of 174	98.5	PASS
177	5 - 9% of 176	7.48	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Instrument Blank	S413043-IBL1	S413043-IBL1.D	03/28/2024	9:57:00
NPW CCV 50 PPB (-ENE)	S413043-CCV1	S413043-CCV1.D	03/28/2024	10:22:00
LCS	B413165-BS1	B413165-BS1.D	03/28/2024	10:47:00
Matrix Spike	B413165-MS1	B413165-MS1.D	03/28/2024	11:11:00
Matrix Spike Dup	B413165-MSD1	B413165-MSD1.D	03/28/2024	11:36:00
Blank	B413165-BLK1	B413165-BLK1.D	03/28/2024	12:25:00
trip blank	4032817-09	4032817-09.D	03/28/2024	18:18:00
Equipment Blank	4032817-10	4032817-10.D	03/28/2024	18:42:00

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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NJDEP# NY012
PADEP# 68-2943

5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S414001-TUN1.D	Injection Date:	04/01/24
Instrument ID:	ChemStation02	Injection Time:	09:06
Sequence:	S414001	Lab Sample ID:	S414001-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.54	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	134	PASS
175	5 - 9% of 174	7.92	PASS
176	95 - 105% of 174	96.4	PASS
177	5 - 10% of 176	6.75	PASS

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S414001-TUN2.D	Injection Date:	04/01/24
Instrument ID:	ChemStation02	Injection Time:	12:25
Sequence:	S414001	Lab Sample ID:	S414001-TUN2

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.97	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	128	PASS
175	5 - 9% of 174	8.05	PASS
176	95 - 105% of 174	95.5	PASS
177	5 - 10% of 176	6.87	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Instrument Blank	S414001-IBL1	S414001-IBL1.D	04/01/2024	9:40:00
NPW CCV 50 PPB (-ENE)	S414001-CCV1	S414001-CCV1.D	04/01/2024	10:22:00
LCS	B414026-BS1	B414026-BS1.D	04/01/2024	10:52:00
Matrix Spike	B414026-MS1	B414026-MS1.D	04/01/2024	11:24:00
Matrix Spike Dup	B414026-MSD1	B414026-MSD1.D	04/01/2024	11:54:00
Blank	B414026-BLK1	B414026-BLK1.D	04/01/2024	12:56:00
Stockpile - 1A Grab	4032817-03	4032817-03.D	04/01/2024	13:27:00
Stockpile - 2A Grab	4032817-04	4032817-04.D	04/01/2024	13:58:00
Stockpile - 3A Grab (MS/MSD)	4032817-05	4032817-05.D	04/01/2024	14:29:00
Stockpile - 1B Grab	4032817-06	4032817-06.D	04/01/2024	15:00:00
Stockpile - 2B Grab	4032817-07	4032817-07.D	04/01/2024	15:32:00

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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S414018-TUN1.D	Injection Date:	04/02/24
Instrument ID:	ChemStation02	Injection Time:	10:44
Sequence:	S414018	Lab Sample ID:	S414018-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	133	PASS
175	5 - 9% of 174	7.7	PASS
176	95 - 105% of 174	96.1	PASS
177	5 - 10% of 176	6.48	PASS

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Lab File ID:	S414018-TUN2.D	Injection Date:	04/02/24
Instrument ID:	ChemStation02	Injection Time:	14:03
Sequence:	S414018	Lab Sample ID:	S414018-TUN2

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
96	5 - 9% of 95	6.6	PASS
173	Less than 2% of 174	0	PASS
95	Base peak, 100% relative abundance	100	PASS
174	50 - 200% of 95	135	PASS
175	5 - 9% of 174	7.15	PASS
176	95 - 105% of 174	95.5	PASS
177	5 - 10% of 176	6.23	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Instrument Blank	S414018-IBL1	S414018-IBL1.D	04/02/2024	11:15:00
NPW CCV 50 PPB (-ENE)	S414018-CCV1	S414018-CCV1.D	04/02/2024	11:59:00
LCS	B414064-BS1	B414064-BS1.D	04/02/2024	12:30:00
Matrix Spike	B414064-MS1	B414064-MS1.D	04/02/2024	13:01:00
Matrix Spike Dup	B414064-MSD1	B414064-MSD1.D	04/02/2024	13:32:00
Blank	B414064-BLK1	B414064-BLK1.D	04/02/2024	14:34:00
Stockpile - 3B Grab	4032817-08	4032817-08.D	04/02/2024	15:37:00

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413025	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S413025-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/26/24 16:05*			
Pentafluorobenzene	615641	4.62	762442	4.614	81	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770962	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	762791	9.664	923619	9.664	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	589390	12.286	710528	12.286	83	50 - 200	0.0000	+/-0.50	
Instrument Blank (S414001-IBL1)			*Lab File ID: S414001-IBL1.D*			*Analyzed: 04/01/24 09:40*			
Pentafluorobenzene	634403	4.608	762442	4.614	83	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	760745	5.855	912527	5.861	83	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	737003	9.663	923619	9.664	80	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	527314	12.286	710528	12.286	74	50 - 200	0.0000	+/-0.50	
Calibration Check (S414001-CCV1)			*Lab File ID: S414001-CCV1.D*			*Analyzed: 04/01/24 10:22*			
Pentafluorobenzene	632885	4.62	762442	4.614	83	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770545	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	782924	9.664	923619	9.664	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	583727	12.286	710528	12.286	82	50 - 200	0.0000	+/-0.50	
LCS (B414026-BS1)			*Lab File ID: B414026-BS1.D*			*Analyzed: 04/01/24 10:52*			
Pentafluorobenzene	651114	4.626	632885	4.62	103	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	775209	5.867	770545	5.861	101	50 - 200	0.0060	+/-0.50	
Chlorobenzene-d5	763903	9.67	782924	9.664	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	587989	12.292	583727	12.286	101	50 - 200	0.0060	+/-0.50	
Matrix Spike (B414026-MS1)			*Lab File ID: B414026-MS1.D*			*Analyzed: 04/01/24 11:24*			
Pentafluorobenzene	642953	4.627	632885	4.62	102	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	753090	5.868	770545	5.861	98	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	741026	9.67	782924	9.664	95	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	515164	12.292	583727	12.286	88	50 - 200	0.0060	+/-0.50	

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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414001	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B414026-MSD1)			*Lab File ID: B414026-MSD1.D*			*Analyzed: 04/01/24 11:54*			
Pentafluorobenzene	587732	4.626	632885	4.62	93	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	707339	5.868	770545	5.861	92	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	705222	9.67	782924	9.664	90	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	493218	12.292	583727	12.286	84	50 - 200	0.0060	+/-0.50	
Blank (B414026-BLK1)			*Lab File ID: B414026-BLK1.D*			*Analyzed: 04/01/24 12:56*			
Pentafluorobenzene	551759	4.614	632885	4.62	87	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	674002	5.861	770545	5.861	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	677989	9.67	782924	9.664	87	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	466676	12.292	583727	12.286	80	50 - 200	0.0060	+/-0.50	
Instrument Blank (S414018-IBL1)			*Lab File ID: S414018-IBL1.D*			*Analyzed: 04/02/24 11:15*			
Pentafluorobenzene	492030	4.62	762442	4.614	65	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	605724	5.861	912527	5.861	66	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	610017	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	424391	12.292	710528	12.286	60	50 - 200	0.0060	+/-0.50	
Calibration Check (S414018-CCV1)			*Lab File ID: S414018-CCV1.D*			*Analyzed: 04/02/24 11:59*			
Pentafluorobenzene	479141	4.633	762442	4.614	63	50 - 200	0.0190	+/-0.50	
1,4-Difluorobenzene	592709	5.874	912527	5.861	65	50 - 200	0.0130	+/-0.50	
Chlorobenzene-d5	613574	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	472702	12.292	710528	12.286	67	50 - 200	0.0060	+/-0.50	
LCS (B414064-BS1)			*Lab File ID: B414064-BS1.D*			*Analyzed: 04/02/24 12:30*			
Pentafluorobenzene	484238	4.62	479141	4.633	101	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	605816	5.861	592709	5.874	102	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	624591	9.67	613574	9.67	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	472079	12.292	472702	12.292	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414018
Instrument: ChemStation02
Calibration: L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414064-MS1)			*Lab File ID: B414064-MS1.D*			*Analyzed: 04/02/24 13:01*			
Pentafluorobenzene	501289	4.632	479141	4.633	105	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	608125	5.873	592709	5.874	103	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	620583	9.67	613574	9.67	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	457086	12.292	472702	12.292	97	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414064-MSD1)			*Lab File ID: B414064-MSD1.D*			*Analyzed: 04/02/24 13:32*			
Pentafluorobenzene	598424	4.62	479141	4.633	125	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	701750	5.861	592709	5.874	118	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	719191	9.67	613574	9.67	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	501627	12.292	472702	12.292	106	50 - 200	0.0000	+/-0.50	
Blank (B414064-BLK1)			*Lab File ID: B414064-BLK1.D*			*Analyzed: 04/02/24 14:34*			
Pentafluorobenzene	653016	4.62	479141	4.633	136	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	770716	5.867	592709	5.874	130	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	776310	9.67	613574	9.67	127	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	548504	12.292	472702	12.292	116	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S413043
Instrument: ChemStation05
Calibration: L413003

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S413043-IBL1)			*Lab File ID: S413043-IBL1.D*			*Analyzed: 03/28/24 09:57*			
Pentafluorobenzene	1076249	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1782346	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1730042	8.849				50 - 200	8.8490	+/-0.50	
1,4-Dichlorobenzene-d4	913487	11.228				50 - 200	11.2280	+/-0.50	
Calibration Check (S413043-CCV1)			*Lab File ID: S413043-CCV1.D*			*Analyzed: 03/28/24 10:22*			
Pentafluorobenzene	1073656	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1753784	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1713359	8.843				50 - 200	8.8430	+/-0.50	
1,4-Dichlorobenzene-d4	908065	11.228				50 - 200	11.2280	+/-0.50	
LCS (B413165-BS1)			*Lab File ID: B413165-BS1.D*			*Analyzed: 03/28/24 10:47*			
Pentafluorobenzene	1108345	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781443	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1721687	8.849	1713359	8.843	100	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	907497	11.227	908065	11.228	100	50 - 200	-0.0010	+/-0.50	
Matrix Spike (B413165-MS1)			*Lab File ID: B413165-MS1.D*			*Analyzed: 03/28/24 11:11*			
Pentafluorobenzene	1068018	5.192	1073656	5.193	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1763572	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1670364	8.843	1713359	8.843	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	889142	11.227	908065	11.228	98	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B413165-MSD1)			*Lab File ID: B413165-MSD1.D*			*Analyzed: 03/28/24 11:36*			
Pentafluorobenzene	1079873	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1773418	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1702711	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	893542	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B413165-BLK1)			*Lab File ID: B413165-BLK1.D*			*Analyzed: 03/28/24 12:25*			
Pentafluorobenzene	1087435	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781406	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1742350	8.849	1713359	8.843	102	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	921870	11.227	908065	11.228	102	50 - 200	-0.0010	+/-0.50	
Trip Blank (4032817-09)			*Lab File ID: 4032817-09.D*			*Analyzed: 03/28/24 18:18*			
Pentafluorobenzene	1088169	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1767684	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1704790	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	886287	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 03/28/24 18:42*			
Pentafluorobenzene	1102695	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1778575	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1705168	8.843	1713359	8.843	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	897127	11.228	908065	11.228	99	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413025	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S413025-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/26/24 16:05*			
Pentafluorobenzene	615641	4.62	762442	4.614	81	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770962	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	762791	9.664	923619	9.664	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	589390	12.286	710528	12.286	83	50 - 200	0.0000	+/-0.50	
Instrument Blank (S414001-IBL1)			*Lab File ID: S414001-IBL1.D*			*Analyzed: 04/01/24 09:40*			
Pentafluorobenzene	634403	4.608	762442	4.614	83	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	760745	5.855	912527	5.861	83	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	737003	9.663	923619	9.664	80	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	527314	12.286	710528	12.286	74	50 - 200	0.0000	+/-0.50	
Calibration Check (S414001-CCV1)			*Lab File ID: S414001-CCV1.D*			*Analyzed: 04/01/24 10:22*			
Pentafluorobenzene	632885	4.62	762442	4.614	83	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770545	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	782924	9.664	923619	9.664	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	583727	12.286	710528	12.286	82	50 - 200	0.0000	+/-0.50	
LCS (B414026-BS1)			*Lab File ID: B414026-BS1.D*			*Analyzed: 04/01/24 10:52*			
Pentafluorobenzene	651114	4.626	632885	4.62	103	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	775209	5.867	770545	5.861	101	50 - 200	0.0060	+/-0.50	
Chlorobenzene-d5	763903	9.67	782924	9.664	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	587989	12.292	583727	12.286	101	50 - 200	0.0060	+/-0.50	
Matrix Spike (B414026-MS1)			*Lab File ID: B414026-MS1.D*			*Analyzed: 04/01/24 11:24*			
Pentafluorobenzene	642953	4.627	632885	4.62	102	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	753090	5.868	770545	5.861	98	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	741026	9.67	782924	9.664	95	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	515164	12.292	583727	12.286	88	50 - 200	0.0060	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414001	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B414026-MSD1)			*Lab File ID: B414026-MSD1.D*			*Analyzed: 04/01/24 11:54*			
Pentafluorobenzene	587732	4.626	632885	4.62	93	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	707339	5.868	770545	5.861	92	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	705222	9.67	782924	9.664	90	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	493218	12.292	583727	12.286	84	50 - 200	0.0060	+/-0.50	
Blank (B414026-BLK1)			*Lab File ID: B414026-BLK1.D*			*Analyzed: 04/01/24 12:56*			
Pentafluorobenzene	551759	4.614	632885	4.62	87	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	674002	5.861	770545	5.861	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	677989	9.67	782924	9.664	87	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	466676	12.292	583727	12.286	80	50 - 200	0.0060	+/-0.50	
Instrument Blank (S414018-IBL1)			*Lab File ID: S414018-IBL1.D*			*Analyzed: 04/02/24 11:15*			
Pentafluorobenzene	492030	4.62	762442	4.614	65	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	605724	5.861	912527	5.861	66	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	610017	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	424391	12.292	710528	12.286	60	50 - 200	0.0060	+/-0.50	
Calibration Check (S414018-CCV1)			*Lab File ID: S414018-CCV1.D*			*Analyzed: 04/02/24 11:59*			
Pentafluorobenzene	479141	4.633	762442	4.614	63	50 - 200	0.0190	+/-0.50	
1,4-Difluorobenzene	592709	5.874	912527	5.861	65	50 - 200	0.0130	+/-0.50	
Chlorobenzene-d5	613574	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	472702	12.292	710528	12.286	67	50 - 200	0.0060	+/-0.50	
LCS (B414064-BS1)			*Lab File ID: B414064-BS1.D*			*Analyzed: 04/02/24 12:30*			
Pentafluorobenzene	484238	4.62	479141	4.633	101	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	605816	5.861	592709	5.874	102	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	624591	9.67	613574	9.67	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	472079	12.292	472702	12.292	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414018
Instrument: ChemStation02
Calibration: L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414064-MS1)			*Lab File ID: B414064-MS1.D*			*Analyzed: 04/02/24 13:01*			
Pentafluorobenzene	501289	4.632	479141	4.633	105	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	608125	5.873	592709	5.874	103	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	620583	9.67	613574	9.67	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	457086	12.292	472702	12.292	97	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414064-MSD1)			*Lab File ID: B414064-MSD1.D*			*Analyzed: 04/02/24 13:32*			
Pentafluorobenzene	598424	4.62	479141	4.633	125	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	701750	5.861	592709	5.874	118	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	719191	9.67	613574	9.67	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	501627	12.292	472702	12.292	106	50 - 200	0.0000	+/-0.50	
Blank (B414064-BLK1)			*Lab File ID: B414064-BLK1.D*			*Analyzed: 04/02/24 14:34*			
Pentafluorobenzene	653016	4.62	479141	4.633	136	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	770716	5.867	592709	5.874	130	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	776310	9.67	613574	9.67	127	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	548504	12.292	472702	12.292	116	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S413043
Instrument: ChemStation05
Calibration: L413003

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S413043-IBL1)			*Lab File ID: S413043-IBL1.D*			*Analyzed: 03/28/24 09:57*			
Pentafluorobenzene	1076249	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1782346	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1730042	8.849				50 - 200	8.8490	+/-0.50	
1,4-Dichlorobenzene-d4	913487	11.228				50 - 200	11.2280	+/-0.50	
Calibration Check (S413043-CCV1)			*Lab File ID: S413043-CCV1.D*			*Analyzed: 03/28/24 10:22*			
Pentafluorobenzene	1073656	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1753784	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1713359	8.843				50 - 200	8.8430	+/-0.50	
1,4-Dichlorobenzene-d4	908065	11.228				50 - 200	11.2280	+/-0.50	
LCS (B413165-BS1)			*Lab File ID: B413165-BS1.D*			*Analyzed: 03/28/24 10:47*			
Pentafluorobenzene	1108345	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781443	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1721687	8.849	1713359	8.843	100	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	907497	11.227	908065	11.228	100	50 - 200	-0.0010	+/-0.50	
Matrix Spike (B413165-MS1)			*Lab File ID: B413165-MS1.D*			*Analyzed: 03/28/24 11:11*			
Pentafluorobenzene	1068018	5.192	1073656	5.193	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1763572	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1670364	8.843	1713359	8.843	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	889142	11.227	908065	11.228	98	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B413165-MSD1)			*Lab File ID: B413165-MSD1.D*			*Analyzed: 03/28/24 11:36*			
Pentafluorobenzene	1079873	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1773418	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1702711	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	893542	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B413165-BLK1)			*Lab File ID: B413165-BLK1.D*			*Analyzed: 03/28/24 12:25*			
Pentafluorobenzene	1087435	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781406	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1742350	8.849	1713359	8.843	102	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	921870	11.227	908065	11.228	102	50 - 200	-0.0010	+/-0.50	
Trip Blank (4032817-09)			*Lab File ID: 4032817-09.D*			*Analyzed: 03/28/24 18:18*			
Pentafluorobenzene	1088169	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1767684	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1704790	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	886287	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 03/28/24 18:42*			
Pentafluorobenzene	1102695	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1778575	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1705168	8.843	1713359	8.843	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	897127	11.228	908065	11.228	99	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413025	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S413025-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/26/24 16:05*			
Pentafluorobenzene	615641	4.62	762442	4.614	81	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770962	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	762791	9.664	923619	9.664	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	589390	12.286	710528	12.286	83	50 - 200	0.0000	+/-0.50	
Instrument Blank (S414001-IBL1)			*Lab File ID: S414001-IBL1.D*			*Analyzed: 04/01/24 09:40*			
Pentafluorobenzene	634403	4.608	762442	4.614	83	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	760745	5.855	912527	5.861	83	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	737003	9.663	923619	9.664	80	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	527314	12.286	710528	12.286	74	50 - 200	0.0000	+/-0.50	
Calibration Check (S414001-CCV1)			*Lab File ID: S414001-CCV1.D*			*Analyzed: 04/01/24 10:22*			
Pentafluorobenzene	632885	4.62	762442	4.614	83	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770545	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	782924	9.664	923619	9.664	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	583727	12.286	710528	12.286	82	50 - 200	0.0000	+/-0.50	
LCS (B414026-BS1)			*Lab File ID: B414026-BS1.D*			*Analyzed: 04/01/24 10:52*			
Pentafluorobenzene	651114	4.626	632885	4.62	103	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	775209	5.867	770545	5.861	101	50 - 200	0.0060	+/-0.50	
Chlorobenzene-d5	763903	9.67	782924	9.664	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	587989	12.292	583727	12.286	101	50 - 200	0.0060	+/-0.50	
Matrix Spike (B414026-MS1)			*Lab File ID: B414026-MS1.D*			*Analyzed: 04/01/24 11:24*			
Pentafluorobenzene	642953	4.627	632885	4.62	102	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	753090	5.868	770545	5.861	98	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	741026	9.67	782924	9.664	95	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	515164	12.292	583727	12.286	88	50 - 200	0.0060	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414001	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B414026-MSD1)			*Lab File ID: B414026-MSD1.D*			*Analyzed: 04/01/24 11:54*			
Pentafluorobenzene	587732	4.626	632885	4.62	93	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	707339	5.868	770545	5.861	92	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	705222	9.67	782924	9.664	90	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	493218	12.292	583727	12.286	84	50 - 200	0.0060	+/-0.50	
Blank (B414026-BLK1)			*Lab File ID: B414026-BLK1.D*			*Analyzed: 04/01/24 12:56*			
Pentafluorobenzene	551759	4.614	632885	4.62	87	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	674002	5.861	770545	5.861	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	677989	9.67	782924	9.664	87	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	466676	12.292	583727	12.286	80	50 - 200	0.0060	+/-0.50	
Instrument Blank (S414018-IBL1)			*Lab File ID: S414018-IBL1.D*			*Analyzed: 04/02/24 11:15*			
Pentafluorobenzene	492030	4.62	762442	4.614	65	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	605724	5.861	912527	5.861	66	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	610017	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	424391	12.292	710528	12.286	60	50 - 200	0.0060	+/-0.50	
Calibration Check (S414018-CCV1)			*Lab File ID: S414018-CCV1.D*			*Analyzed: 04/02/24 11:59*			
Pentafluorobenzene	479141	4.633	762442	4.614	63	50 - 200	0.0190	+/-0.50	
1,4-Difluorobenzene	592709	5.874	912527	5.861	65	50 - 200	0.0130	+/-0.50	
Chlorobenzene-d5	613574	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	472702	12.292	710528	12.286	67	50 - 200	0.0060	+/-0.50	
LCS (B414064-BS1)			*Lab File ID: B414064-BS1.D*			*Analyzed: 04/02/24 12:30*			
Pentafluorobenzene	484238	4.62	479141	4.633	101	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	605816	5.861	592709	5.874	102	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	624591	9.67	613574	9.67	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	472079	12.292	472702	12.292	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414018
Instrument: ChemStation02
Calibration: L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414064-MS1)			*Lab File ID: B414064-MS1.D*			*Analyzed: 04/02/24 13:01*			
Pentafluorobenzene	501289	4.632	479141	4.633	105	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	608125	5.873	592709	5.874	103	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	620583	9.67	613574	9.67	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	457086	12.292	472702	12.292	97	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414064-MSD1)			*Lab File ID: B414064-MSD1.D*			*Analyzed: 04/02/24 13:32*			
Pentafluorobenzene	598424	4.62	479141	4.633	125	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	701750	5.861	592709	5.874	118	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	719191	9.67	613574	9.67	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	501627	12.292	472702	12.292	106	50 - 200	0.0000	+/-0.50	
Blank (B414064-BLK1)			*Lab File ID: B414064-BLK1.D*			*Analyzed: 04/02/24 14:34*			
Pentafluorobenzene	653016	4.62	479141	4.633	136	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	770716	5.867	592709	5.874	130	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	776310	9.67	613574	9.67	127	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	548504	12.292	472702	12.292	116	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S413043
Instrument: ChemStation05
Calibration: L413003

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S413043-IBL1)			*Lab File ID: S413043-IBL1.D*			*Analyzed: 03/28/24 09:57*			
Pentafluorobenzene	1076249	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1782346	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1730042	8.849				50 - 200	8.8490	+/-0.50	
1,4-Dichlorobenzene-d4	913487	11.228				50 - 200	11.2280	+/-0.50	
Calibration Check (S413043-CCV1)			*Lab File ID: S413043-CCV1.D*			*Analyzed: 03/28/24 10:22*			
Pentafluorobenzene	1073656	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1753784	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1713359	8.843				50 - 200	8.8430	+/-0.50	
1,4-Dichlorobenzene-d4	908065	11.228				50 - 200	11.2280	+/-0.50	
LCS (B413165-BS1)			*Lab File ID: B413165-BS1.D*			*Analyzed: 03/28/24 10:47*			
Pentafluorobenzene	1108345	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781443	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1721687	8.849	1713359	8.843	100	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	907497	11.227	908065	11.228	100	50 - 200	-0.0010	+/-0.50	
Matrix Spike (B413165-MS1)			*Lab File ID: B413165-MS1.D*			*Analyzed: 03/28/24 11:11*			
Pentafluorobenzene	1068018	5.192	1073656	5.193	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1763572	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1670364	8.843	1713359	8.843	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	889142	11.227	908065	11.228	98	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B413165-MSD1)			*Lab File ID: B413165-MSD1.D*			*Analyzed: 03/28/24 11:36*			
Pentafluorobenzene	1079873	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1773418	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1702711	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	893542	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B413165-BLK1)			*Lab File ID: B413165-BLK1.D*			*Analyzed: 03/28/24 12:25*			
Pentafluorobenzene	1087435	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781406	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1742350	8.849	1713359	8.843	102	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	921870	11.227	908065	11.228	102	50 - 200	-0.0010	+/-0.50	
Trip Blank (4032817-09)			*Lab File ID: 4032817-09.D*			*Analyzed: 03/28/24 18:18*			
Pentafluorobenzene	1088169	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1767684	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1704790	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	886287	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 03/28/24 18:42*			
Pentafluorobenzene	1102695	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1778575	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1705168	8.843	1713359	8.843	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	897127	11.228	908065	11.228	99	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413025	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S413025-ICV1)			*Lab File ID: SEQ-ICV1.D*			*Analyzed: 03/26/24 16:05*			
Pentafluorobenzene	615641	4.62	762442	4.614	81	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770962	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	762791	9.664	923619	9.664	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	589390	12.286	710528	12.286	83	50 - 200	0.0000	+/-0.50	
Instrument Blank (S414001-IBL1)			*Lab File ID: S414001-IBL1.D*			*Analyzed: 04/01/24 09:40*			
Pentafluorobenzene	634403	4.608	762442	4.614	83	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	760745	5.855	912527	5.861	83	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	737003	9.663	923619	9.664	80	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	527314	12.286	710528	12.286	74	50 - 200	0.0000	+/-0.50	
Calibration Check (S414001-CCV1)			*Lab File ID: S414001-CCV1.D*			*Analyzed: 04/01/24 10:22*			
Pentafluorobenzene	632885	4.62	762442	4.614	83	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	770545	5.861	912527	5.861	84	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	782924	9.664	923619	9.664	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	583727	12.286	710528	12.286	82	50 - 200	0.0000	+/-0.50	
LCS (B414026-BS1)			*Lab File ID: B414026-BS1.D*			*Analyzed: 04/01/24 10:52*			
Pentafluorobenzene	651114	4.626	632885	4.62	103	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	775209	5.867	770545	5.861	101	50 - 200	0.0060	+/-0.50	
Chlorobenzene-d5	763903	9.67	782924	9.664	98	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	587989	12.292	583727	12.286	101	50 - 200	0.0060	+/-0.50	
Matrix Spike (B414026-MS1)			*Lab File ID: B414026-MS1.D*			*Analyzed: 04/01/24 11:24*			
Pentafluorobenzene	642953	4.627	632885	4.62	102	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	753090	5.868	770545	5.861	98	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	741026	9.67	782924	9.664	95	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	515164	12.292	583727	12.286	88	50 - 200	0.0060	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S414001	Instrument:	ChemStation02
		Calibration:	L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B414026-MSD1)			*Lab File ID: B414026-MSD1.D*			*Analyzed: 04/01/24 11:54*			
Pentafluorobenzene	587732	4.626	632885	4.62	93	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	707339	5.868	770545	5.861	92	50 - 200	0.0070	+/-0.50	
Chlorobenzene-d5	705222	9.67	782924	9.664	90	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	493218	12.292	583727	12.286	84	50 - 200	0.0060	+/-0.50	
Blank (B414026-BLK1)			*Lab File ID: B414026-BLK1.D*			*Analyzed: 04/01/24 12:56*			
Pentafluorobenzene	551759	4.614	632885	4.62	87	50 - 200	-0.0060	+/-0.50	
1,4-Difluorobenzene	674002	5.861	770545	5.861	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	677989	9.67	782924	9.664	87	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	466676	12.292	583727	12.286	80	50 - 200	0.0060	+/-0.50	
Instrument Blank (S414018-IBL1)			*Lab File ID: S414018-IBL1.D*			*Analyzed: 04/02/24 11:15*			
Pentafluorobenzene	492030	4.62	762442	4.614	65	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	605724	5.861	912527	5.861	66	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	610017	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	424391	12.292	710528	12.286	60	50 - 200	0.0060	+/-0.50	
Calibration Check (S414018-CCV1)			*Lab File ID: S414018-CCV1.D*			*Analyzed: 04/02/24 11:59*			
Pentafluorobenzene	479141	4.633	762442	4.614	63	50 - 200	0.0190	+/-0.50	
1,4-Difluorobenzene	592709	5.874	912527	5.861	65	50 - 200	0.0130	+/-0.50	
Chlorobenzene-d5	613574	9.67	923619	9.664	66	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	472702	12.292	710528	12.286	67	50 - 200	0.0060	+/-0.50	
LCS (B414064-BS1)			*Lab File ID: B414064-BS1.D*			*Analyzed: 04/02/24 12:30*			
Pentafluorobenzene	484238	4.62	479141	4.633	101	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	605816	5.861	592709	5.874	102	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	624591	9.67	613574	9.67	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	472079	12.292	472702	12.292	100	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S414018
Instrument: ChemStation02
Calibration: L413002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike (B414064-MS1)			*Lab File ID: B414064-MS1.D*			*Analyzed: 04/02/24 13:01*			
Pentafluorobenzene	501289	4.632	479141	4.633	105	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	608125	5.873	592709	5.874	103	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	620583	9.67	613574	9.67	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	457086	12.292	472702	12.292	97	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B414064-MSD1)			*Lab File ID: B414064-MSD1.D*			*Analyzed: 04/02/24 13:32*			
Pentafluorobenzene	598424	4.62	479141	4.633	125	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	701750	5.861	592709	5.874	118	50 - 200	-0.0130	+/-0.50	
Chlorobenzene-d5	719191	9.67	613574	9.67	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	501627	12.292	472702	12.292	106	50 - 200	0.0000	+/-0.50	
Blank (B414064-BLK1)			*Lab File ID: B414064-BLK1.D*			*Analyzed: 04/02/24 14:34*			
Pentafluorobenzene	653016	4.62	479141	4.633	136	50 - 200	-0.0130	+/-0.50	
1,4-Difluorobenzene	770716	5.867	592709	5.874	130	50 - 200	-0.0070	+/-0.50	
Chlorobenzene-d5	776310	9.67	613574	9.67	127	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	548504	12.292	472702	12.292	116	50 - 200	0.0000	+/-0.50	

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory: Long Island Analytical Laboratories, Inc.
Work Order: 4032817
Client: Let It Grow Inc
Project: 151 South St, Manorville, NY
Sequence: S413043
Instrument: ChemStation05
Calibration: L413003

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Instrument Blank (S413043-IBL1)			*Lab File ID: S413043-IBL1.D*			*Analyzed: 03/28/24 09:57*			
Pentafluorobenzene	1076249	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1782346	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1730042	8.849				50 - 200	8.8490	+/-0.50	
1,4-Dichlorobenzene-d4	913487	11.228				50 - 200	11.2280	+/-0.50	
Calibration Check (S413043-CCV1)			*Lab File ID: S413043-CCV1.D*			*Analyzed: 03/28/24 10:22*			
Pentafluorobenzene	1073656	5.193				50 - 200	5.1930	+/-0.50	
1,4-Difluorobenzene	1753784	5.947				50 - 200	5.9470	+/-0.50	
Chlorobenzene-d5	1713359	8.843				50 - 200	8.8430	+/-0.50	
1,4-Dichlorobenzene-d4	908065	11.228				50 - 200	11.2280	+/-0.50	
LCS (B413165-BS1)			*Lab File ID: B413165-BS1.D*			*Analyzed: 03/28/24 10:47*			
Pentafluorobenzene	1108345	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781443	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1721687	8.849	1713359	8.843	100	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	907497	11.227	908065	11.228	100	50 - 200	-0.0010	+/-0.50	
Matrix Spike (B413165-MS1)			*Lab File ID: B413165-MS1.D*			*Analyzed: 03/28/24 11:11*			
Pentafluorobenzene	1068018	5.192	1073656	5.193	99	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1763572	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1670364	8.843	1713359	8.843	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	889142	11.227	908065	11.228	98	50 - 200	-0.0010	+/-0.50	
Matrix Spike Dup (B413165-MSD1)			*Lab File ID: B413165-MSD1.D*			*Analyzed: 03/28/24 11:36*			
Pentafluorobenzene	1079873	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1773418	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1702711	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	893542	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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NJDEP# NY012
PADEP# 68-2943

8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413043	Instrument:	ChemStation05
		Calibration:	L413003

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B413165-BLK1)			*Lab File ID: B413165-BLK1.D*			*Analyzed: 03/28/24 12:25*			
Pentafluorobenzene	1087435	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1781406	5.947	1753784	5.947	102	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1742350	8.849	1713359	8.843	102	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	921870	11.227	908065	11.228	102	50 - 200	-0.0010	+/-0.50	
Trip Blank (4032817-09)			*Lab File ID: 4032817-09.D*			*Analyzed: 03/28/24 18:18*			
Pentafluorobenzene	1088169	5.193	1073656	5.193	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1767684	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1704790	8.849	1713359	8.843	99	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	886287	11.228	908065	11.228	98	50 - 200	0.0000	+/-0.50	
Equipment Blank (4032817-10)			*Lab File ID: 4032817-10.D*			*Analyzed: 03/28/24 18:42*			
Pentafluorobenzene	1102695	5.193	1073656	5.193	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1778575	5.947	1753784	5.947	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1705168	8.843	1713359	8.843	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	897127	11.228	908065	11.228	99	50 - 200	0.0000	+/-0.50	

LONG
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VOLATILES SAMPLE DATA

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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 1A Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-03	File ID:	4032817-03.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 13:27
Solids:	76.97	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.44	U
67-64-1	Acetone	25.8	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.44	U
75-09-2	Methylene Chloride	6.44	U
1634-04-4	Methyl-tert-Butyl Ether	6.44	U
156-60-5	trans-1,2-Dichloroethene	6.44	U
75-34-3	1,1-Dichloroethane	6.44	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12.9	U
156-59-2	cis-1,2-Dichloroethene	6.44	U
67-66-3	Chloroform	6.44	U
71-55-6	1,1,1-Trichloroethane	6.44	U
107-06-2	1,2-Dichloroethane	6.44	U
56-23-5	Carbon Tetrachloride	6.44	U
71-43-2	Benzene	6.44	U
79-01-6	Trichloroethene	6.44	U
123-91-1	1,4-Dioxane	32.2	U
108-88-3	Toluene	6.44	U
127-18-4	Tetrachloroethene	6.44	U
108-90-7	Chlorobenzene	6.44	U
100-41-4	Ethylbenzene	6.44	U
108-38-3/106-42-3	m,p-Xylenes	12.9	U
95-47-6	o-Xylene	6.44	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 1A Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-03	File ID:	4032817-03.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 13:27
Solids:	76.97	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.44	U
108-67-8	1,3,5-Trimethylbenzene	6.44	U
98-06-6	tert-Butylbenzene	6.44	U
95-63-6	1,2,4-Trimethylbenzene	6.44	U
135-98-8	sec-Butylbenzene	6.44	U
541-73-1	1,3-Dichlorobenzene	6.44	U
106-46-7	1,4-Dichlorobenzene	6.44	U
95-50-1	1,2-Dichlorobenzene	6.44	U
104-51-8	n-Butylbenzene	6.44	4.K, U

* Values outside of QC limits

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LONG ISLAND ANALYTICAL LABORATORIES INC.
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1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 2A Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-04	File ID:	4032817-04.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 13:58
Solids:	80.08	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.29	U
67-64-1	Acetone	25.2	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.29	U
75-09-2	Methylene Chloride	6.29	U
1634-04-4	Methyl-tert-Butyl Ether	6.29	U
156-60-5	trans-1,2-Dichloroethene	6.29	U
75-34-3	1,1-Dichloroethane	6.29	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12.6	U
156-59-2	cis-1,2-Dichloroethene	6.29	U
67-66-3	Chloroform	6.29	U
71-55-6	1,1,1-Trichloroethane	6.29	U
107-06-2	1,2-Dichloroethane	6.29	U
56-23-5	Carbon Tetrachloride	6.29	U
71-43-2	Benzene	6.29	U
79-01-6	Trichloroethene	6.29	U
123-91-1	1,4-Dioxane	31.5	U
108-88-3	Toluene	6.29	U
127-18-4	Tetrachloroethene	6.29	U
108-90-7	Chlorobenzene	6.29	U
100-41-4	Ethylbenzene	6.29	U
108-38-3/106-42-3	m,p-Xylenes	12.6	U
95-47-6	o-Xylene	6.29	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 2A Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-04	File ID:	4032817-04.D
Sampled:	03/28/24 13:47	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 13:58
Solids:	80.08	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.29	U
108-67-8	1,3,5-Trimethylbenzene	6.29	U
98-06-6	tert-Butylbenzene	6.29	U
95-63-6	1,2,4-Trimethylbenzene	6.29	U
135-98-8	sec-Butylbenzene	6.29	U
541-73-1	1,3-Dichlorobenzene	6.29	U
106-46-7	1,4-Dichlorobenzene	6.29	U
95-50-1	1,2-Dichlorobenzene	6.29	U
104-51-8	n-Butylbenzene	6.29	4.K, U

* Values outside of QC limits

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PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-05	File ID:	4032817-05.D
Sampled:	03/28/24 10:20	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 14:29
Solids:	77.05	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.49	4.G, 4.T, U
67-64-1	Acetone	26.0	4.G, 4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.49	4.G, 4.T, U
75-09-2	Methylene Chloride	6.49	4.G, 4.T, U
1634-04-4	Methyl-tert-Butyl Ether	6.49	4.G, U
156-60-5	trans-1,2-Dichloroethene	6.49	4.G, 4.T, U
75-34-3	1,1-Dichloroethane	6.49	4.G, U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	13.0	4.G, 4.T, U
156-59-2	cis-1,2-Dichloroethene	6.49	4.T, 4.G, U
67-66-3	Chloroform	6.49	4.T, 4.G, U
71-55-6	1,1,1-Trichloroethane	6.49	4.G, 4.T, U
107-06-2	1,2-Dichloroethane	6.49	4.G, 4.T, U
56-23-5	Carbon Tetrachloride	6.49	4.G, 4.T, U
71-43-2	Benzene	6.49	4.G, 4.T, U
79-01-6	Trichloroethene	6.49	4.G, 4.T, U
123-91-1	1,4-Dioxane	32.4	4.G, 4.T, U
108-88-3	Toluene	6.49	4.G, 4.T, U
127-18-4	Tetrachloroethene	6.49	4.G, 4.T, U
108-90-7	Chlorobenzene	6.49	4.T, 4.G, U
100-41-4	Ethylbenzene	6.49	4.T, 4.G, U
108-38-3/106-42-3	m,p-Xylenes	13.0	4.G, 4.T, U
95-47-6	o-Xylene	6.49	4.G, 4.T, U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-05	File ID:	4032817-05.D
Sampled:	03/28/24 10:20	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 14:29
Solids:	77.05	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.49	4.G, 4.T, U
108-67-8	1,3,5-Trimethylbenzene	6.49	4.G, 4.T, U
98-06-6	tert-Butylbenzene	6.49	4.G, 4.T, U
95-63-6	1,2,4-Trimethylbenzene	6.49	4.G, 4.T, U
135-98-8	sec-Butylbenzene	6.49	4.G, 4.T, U
541-73-1	1,3-Dichlorobenzene	6.49	4.G, 4.T, U
106-46-7	1,4-Dichlorobenzene	6.49	4.G, 4.T, U
95-50-1	1,2-Dichlorobenzene	6.49	4.G, 4.T, U
104-51-8	n-Butylbenzene	6.49	4.K, 4.G, 4.T, U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 1B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-06	File ID:	4032817-06.D
Sampled:	03/28/24 11:05	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 15:00
Solids:	80.42	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.14	U
67-64-1	Acetone	24.6	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.14	U
75-09-2	Methylene Chloride	6.14	U
1634-04-4	Methyl-tert-Butyl Ether	6.14	U
156-60-5	trans-1,2-Dichloroethene	6.14	U
75-34-3	1,1-Dichloroethane	6.14	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12.3	U
156-59-2	cis-1,2-Dichloroethene	6.14	U
67-66-3	Chloroform	6.14	U
71-55-6	1,1,1-Trichloroethane	6.14	U
107-06-2	1,2-Dichloroethane	6.14	U
56-23-5	Carbon Tetrachloride	6.14	U
71-43-2	Benzene	6.14	U
79-01-6	Trichloroethene	6.14	U
123-91-1	1,4-Dioxane	30.7	U
108-88-3	Toluene	6.14	U
127-18-4	Tetrachloroethene	6.14	U
108-90-7	Chlorobenzene	6.14	U
100-41-4	Ethylbenzene	6.14	U
108-38-3/106-42-3	m,p-Xylenes	12.3	U
95-47-6	o-Xylene	6.14	U

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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 1B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-06	File ID:	4032817-06.D
Sampled:	03/28/24 11:05	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 15:00
Solids:	80.42	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.14	U
108-67-8	1,3,5-Trimethylbenzene	6.14	U
98-06-6	tert-Butylbenzene	6.14	U
95-63-6	1,2,4-Trimethylbenzene	6.14	U
135-98-8	sec-Butylbenzene	6.14	U
541-73-1	1,3-Dichlorobenzene	6.14	U
106-46-7	1,4-Dichlorobenzene	6.14	U
95-50-1	1,2-Dichlorobenzene	6.14	U
104-51-8	n-Butylbenzene	6.14	4.K, U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 2B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-07	File ID:	4032817-07.D
Sampled:	03/28/24 11:10	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 15:32
Solids:	77.94	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.44	U
67-64-1	Acetone	25.8	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.44	U
75-09-2	Methylene Chloride	6.80	D
1634-04-4	Methyl-tert-Butyl Ether	6.44	U
156-60-5	trans-1,2-Dichloroethene	6.44	U
75-34-3	1,1-Dichloroethane	6.44	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12.9	U
156-59-2	cis-1,2-Dichloroethene	6.44	U
67-66-3	Chloroform	6.44	U
71-55-6	1,1,1-Trichloroethane	6.44	U
107-06-2	1,2-Dichloroethane	6.44	U
56-23-5	Carbon Tetrachloride	6.44	U
71-43-2	Benzene	6.44	U
79-01-6	Trichloroethene	6.44	U
123-91-1	1,4-Dioxane	32.2	U
108-88-3	Toluene	6.44	U
127-18-4	Tetrachloroethene	6.44	U
108-90-7	Chlorobenzene	6.44	U
100-41-4	Ethylbenzene	6.44	U
108-38-3/106-42-3	m,p-Xylenes	12.9	U
95-47-6	o-Xylene	6.44	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 2B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-07	File ID:	4032817-07.D
Sampled:	03/28/24 11:10	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 15:32
Solids:	77.94	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.44	U
108-67-8	1,3,5-Trimethylbenzene	6.44	U
98-06-6	tert-Butylbenzene	6.44	U
95-63-6	1,2,4-Trimethylbenzene	6.44	U
135-98-8	sec-Butylbenzene	6.44	U
541-73-1	1,3-Dichlorobenzene	6.44	U
106-46-7	1,4-Dichlorobenzene	6.44	U
95-50-1	1,2-Dichlorobenzene	6.44	U
104-51-8	n-Butylbenzene	6.44	4.K, U

* Values outside of QC limits

110 Colin Drive • Holbrook, New York 11741
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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-08	File ID:	4032817-08.D
Sampled:	03/28/24 11:18	Prepared:	04/02/24 11:40	Analyzed:	04/02/24 15:37
Solids:	79.13	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414064	Sequence:	S414018	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.34	U
67-64-1	Acetone	25.4	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.34	U
75-09-2	Methylene Chloride	6.34	U
1634-04-4	Methyl-tert-Butyl Ether	6.34	U
156-60-5	trans-1,2-Dichloroethene	6.34	U
75-34-3	1,1-Dichloroethane	6.34	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	12.7	U
156-59-2	cis-1,2-Dichloroethene	6.34	U
67-66-3	Chloroform	6.34	U
71-55-6	1,1,1-Trichloroethane	6.34	U
107-06-2	1,2-Dichloroethane	6.34	U
56-23-5	Carbon Tetrachloride	6.34	U
71-43-2	Benzene	6.34	U
79-01-6	Trichloroethene	6.34	U
123-91-1	1,4-Dioxane	31.7	U
108-88-3	Toluene	6.34	U
127-18-4	Tetrachloroethene	6.34	U
108-90-7	Chlorobenzene	6.34	U
100-41-4	Ethylbenzene	6.34	U
108-38-3/106-42-3	m,p-Xylenes	12.7	U
95-47-6	o-Xylene	6.34	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3B Grab

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-08	File ID:	4032817-08.D
Sampled:	03/28/24 11:18	Prepared:	04/02/24 11:40	Analyzed:	04/02/24 15:37
Solids:	79.13	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414064	Sequence:	S414018	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.34	U
108-67-8	1,3,5-Trimethylbenzene	6.34	U
98-06-6	tert-Butylbenzene	6.34	U
95-63-6	1,2,4-Trimethylbenzene	6.34	U
135-98-8	sec-Butylbenzene	6.34	U
541-73-1	1,3-Dichlorobenzene	6.34	U
106-46-7	1,4-Dichlorobenzene	6.34	U
95-50-1	1,2-Dichlorobenzene	6.34	U
104-51-8	n-Butylbenzene	6.34	U

* Values outside of QC limits

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LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-09	File ID:	4032817-09.D
Sampled:	03/28/24 08:00	Prepared:	03/28/24 09:41	Analyzed:	03/28/24 18:18
Solids:		Preparation:	EPA 5030 C	Dilution:	1
Batch:	B413165	Sequence:	S413043	Calibration:	L413003	Instrument:	ChemStation05

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	4.J, 4.N, U
67-64-1	Acetone	10.0	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	5.00	U
75-65-0	tert-Butyl alcohol	5.00	U
79-20-9	Methyl Acetate	5.00	4.J, U
75-09-2	Methylene Chloride	5.00	U
1634-04-4	Methyl-tert-Butyl Ether	5.00	U
156-60-5	trans-1,2-Dichloroethene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	10.0	U
156-59-2	cis-1,2-Dichloroethene	5.00	U
67-66-3	Chloroform	5.00	U
71-55-6	1,1,1-Trichloroethane	5.00	U
107-06-2	1,2-Dichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	5.00	U
71-43-2	Benzene	0.700	U
79-01-6	Trichloroethene	5.00	U
123-91-1	1,4-Dioxane	100	U
108-88-3	Toluene	5.00	U
127-18-4	Tetrachloroethene	5.00	U
108-90-7	Chlorobenzene	5.00	U
100-41-4	Ethylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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1 - FORM I
ANALYSIS DATA SHEET

Trip Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-09	File ID:	4032817-09.D
Sampled:	03/28/24 08:00	Prepared:	03/28/24 09:41	Analyzed:	03/28/24 18:18
Solids:		Preparation:	EPA 5030 C	Dilution:	1
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-38-3/106-42-3	m,p-Xylenes	10.0	U
95-47-6	o-Xylene	5.00	U
103-65-1	n-Propylbenzene	5.00	U
108-67-8	1,3,5-Trimethylbenzene	5.00	U
98-06-6	tert-Butylbenzene	5.00	U
95-63-6	1,2,4-Trimethylbenzene	5.00	U
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
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1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	4032817-10.D
Sampled:	03/28/24 00:00	Prepared:	03/28/24 09:41	Analyzed:	03/28/24 18:42
Solids:		Preparation:	EPA 5030 C	Dilution:	1
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	4.J, 4.N, U
67-64-1	Acetone	10.0	4.J, 4.N, U
75-35-4	1,1-Dichloroethene	5.00	U
75-65-0	tert-Butyl alcohol	5.00	U
79-20-9	Methyl Acetate	5.00	4.J, U
75-09-2	Methylene Chloride	5.00	U
1634-04-4	Methyl-tert-Butyl Ether	5.00	U
156-60-5	trans-1,2-Dichloroethene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	10.0	U
156-59-2	cis-1,2-Dichloroethene	5.00	U
67-66-3	Chloroform	5.00	U
71-55-6	1,1,1-Trichloroethane	5.00	U
107-06-2	1,2-Dichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	5.00	U
71-43-2	Benzene	0.700	U
79-01-6	Trichloroethene	5.00	U
123-91-1	1,4-Dioxane	100	U
108-88-3	Toluene	5.00	U
127-18-4	Tetrachloroethene	5.00	U
108-90-7	Chlorobenzene	5.00	U
100-41-4	Ethylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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1 - FORM I
ANALYSIS DATA SHEET

Equipment Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	4032817-10	File ID:	4032817-10.D
Sampled:	03/28/24 00:00	Prepared:	03/28/24 09:41	Analyzed:	03/28/24 18:42
Solids:		Preparation:	EPA 5030 C	Dilution:	1
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
108-38-3/106-42-3	m,p-Xylenes	10.0	U
95-47-6	o-Xylene	5.00	U
103-65-1	n-Propylbenzene	5.00	U
108-67-8	1,3,5-Trimethylbenzene	5.00	U
98-06-6	tert-Butylbenzene	5.00	U
95-63-6	1,2,4-Trimethylbenzene	5.00	U
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U

* Values outside of QC limits

LONG
ISLAND
ANALYTICAL
LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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VOLATILES CALIBRATION DATA

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PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
Vinyl chloride	344.5561	235.5194	156.6467	134.6148	279.7114	264.1827
Acetone	468.6454	252.8661	166.0414	2120.796	119.163	128.232
1,1-Dichloroethene	519.9316	469.7588	454.2499	464.6937	474.4726	513.3089
Methylene Chloride	961.0069	708.4605	608.796	545.0329	515.6367	553.2873
Methyl-tert-Butyl Ether	893.5238	858.9934	847.5471	859.2863	887.7637	950.6733
trans-1,2-Dichloroethene	500.3535	483.9831	436.5382	453.5611	445.1738	477.2349
1,1-Dichloroethane	629.0537	608.2089	571.3696	570.1391	580.2884	616.1795
Methyl Ethyl Ketone (2-Butanone)	37.14642	36.15278	33.07311	35.81125	32.49889	35.40495
cis-1,2-Dichloroethene	491.061	455.9174	433.8288	446.7041	453.6924	487.3418
Chloroform	674.5231	635.2098	606.0501	605.8218	609.2127	660.8066
1,1,1-Trichloroethane	558.6859	533.0441	494.7632	486.4108	497.4853	525.4061
Dibromofluoromethane	393.1384	389.8172	396.7555	407.1365	407.8165	440.1178
1,2-Dichloroethane	479.6404	452.0055	460.1923	506.609	471.8113	504.1194
Carbon Tetrachloride	484.5349	459.2193	437.9143	444.2174	460.0736	490.3417
Benzene	1288.137	1250.896	1172.47	1248.412	1179.663	1279.213
Trichloroethene	318.1792	301.1286	288.2714	276.4696	277.0002	282.9423
1,4-Dioxane	4.043368	4.93152	3.898805	3.807011	3.805013	3.953954
1,2-Dichloroethane-d4	332.6889	344.4413	343.3514	350.9233	354.6384	359.9098
Toluene	1192.086	1213.025	1083.89	1094.085	1102.219	1127.649
Tetrachloroethene	469.6679	432.7995	397.8864	382.9563	385.5612	385.6674
Chlorobenzene	824.3273	800.3888	799.4452	782.5629	780.2749	786.2404
Ethylbenzene	1382.206	1295.763	1232.177	1235.769	1228.6	1240.626
m,p-Xylenes	1078.593	1037.8	974.8944	966.0585	970.7243	994.6094
o-Xylene	1152.784	1075.301	1044.653	1035.955	1040.314	1078.429
Toluene-d8	1145.182	1140.621	1145.867	1146.223	1162.764	1123.353
n-Propylbenzene	1648.237	1513.456	1404.02	1454.028	1459.419	1487.65
1,3,5-Trimethylbenzene	1120.954	1052.702	1004.514	1033.443	1053.353	1085.233
tert-Butylbenzene	222.5146	218.1235	201.7944	209.7142	209.3052	216.227
1,2,4-Trimethylbenzene	1147.35	1081.256	1027.829	1082.702	1103.152	1150.818

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	CAL 01	CAL 02	CAL 03	CAL 04	CAL 05	CAL 06
sec-Butylbenzene	1477.32	1361.763	1250.196	1318.886	1325.22	1355.482
4-Bromofluorobenzene	917.5255	921.7851	917.3697	873.2956	864.3884	845.1723
1,3-Dichlorobenzene	1144.028	1129.691	1063.411	1053.099	1036.377	1035.527
1,4-Dichlorobenzene	1258.577	1119.484	1043.064	1038.467	1017.528	1029.31
1,2-Dichlorobenzene	1108.379	1069.392	1066.093	1052.558	1041.429	1054.059
n-Butylbenzene	1962.219	1829.748	1723.467	1702.435	1692.245	1684.317

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
Vinyl chloride	216.1519	202.088	180.4501			
Acetone	114.4757	121.2047	120.7637			
1,1-Dichloroethene	467.6986	502.3171	512.2667			
Methylene Chloride	496.1774	525.0751	533.5582			
Methyl-tert-Butyl Ether	866.7714	923.1082	952.8038			
trans-1,2-Dichloroethene	430.7424	464.4589	472.1329			
1,1-Dichloroethane	560.8736	598.5672	607.8934			
Methyl Ethyl Ketone (2-Butanone)	32.90914	34.32449	36.48413			
cis-1,2-Dichloroethene	438.8959	471.4036	477.3537			
Chloroform	604.2847	639.1587	652.4655			
1,1,1-Trichloroethane	479.9094	509.3362	519.2741			
Dibromofluoromethane	409.3203	439.7094	442.3566			
1,2-Dichloroethane	464.5936	495.0403	505.1			
Carbon Tetrachloride	451.5302	478.8006	488.8834			
Benzene	1155.381	1229.489	1258.977			
Trichloroethene	273.998	279.9947	285.6067			
1,4-Dioxane	4.016195	4.037017	4.323988			
1,2-Dichloroethane-d4	350.798	358.7725	364.7136			
Toluene	1089.383	1136.773	1156.236			
Tetrachloroethene	380.7173	385.8314	395.5693			
Chlorobenzene	797.5122	809.5502	822.0027			
Ethylbenzene	1258.296	1290.155	1316.813			
m,p-Xylenes	1017.26	1046.269	1063.573			
o-Xylene	1078.267	1098.03	1122.86			
Toluene-d8	1155.005	1130.424	1126.695			
n-Propylbenzene	1513.964	1541.653	1566.382			
1,3,5-Trimethylbenzene	1095	1119.708	1139.418			
tert-Butylbenzene	223.3227	228.8418	233.0416			

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	CAL 07	CAL 08	CAL 09	CAL 10	CAL 11	CAL 12
1,2,4-Trimethylbenzene	1162.407	1186.975	1197.648			
sec-Butylbenzene	1394.341	1421.543	1444.943			
4-Bromofluorobenzene	839.8952	836.031	836.0013			
1,3-Dichlorobenzene	1052.248	1025.533	1023.582			
1,4-Dichlorobenzene	1035.301	1021.407	1010.358			
1,2-Dichlorobenzene	1065.743	1039.405	1042.667			
n-Butylbenzene	1745.553	1696.492	1711.917			

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Vinyl chloride	223.769	29.28272	0.9638168		0.99	*
Acetone	401.3542	163.1968	0.0664815		0.99	*
1,1-Dichloroethene	486.522	5.161327			20	
Methylene Chloride	605.2257	24.44093	0.9983913		0.99	
Methyl-tert-Butyl Ether	893.3857	4.491756			20	
trans-1,2-Dichloroethene	462.6865	4.993535			20	
1,1-Dichloroethane	593.6193	3.996222			20	
Methyl Ethyl Ketone (2-Butanone)	34.86724	4.925839			20	
cis-1,2-Dichloroethene	461.7999	4.515041			20	
Chloroform	631.9481	4.247718			20	
1,1,1-Trichloroethane	511.5906	4.912562			20	
Dibromofluoromethane	414.0187	5.103653			20	
1,2-Dichloroethane	482.1235	4.391375			20	
Carbon Tetrachloride	466.1684	4.274887			20	
Benzene	1229.182	3.94624			20	
Trichloroethene	287.0656	4.958307			20	
1,4-Dioxane	4.090763	8.598078			20	
1,2-Dichloroethane-d4	351.1375	2.808064			20	
Toluene	1132.816	4.099576			20	
Tetrachloroethene	401.8507	7.465274			20	
Chlorobenzene	800.2561	2.00316			20	
Ethylbenzene	1275.601	4.005559			20	
m,p-Xylenes	1016.642	4.153106			20	
o-Xylene	1080.733	3.620286			20	
Toluene-d8	1141.793	1.14219			20	

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Calibration:	L413002	Instrument:	ChemStation02
		Calibration Date:	3/27/2024 11:17:40AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
n-Propylbenzene	1509.868	4.726388			20	
1,3,5-Trimethylbenzene	1078.258	4.190156			20	
tert-Butylbenzene	218.0983	4.592107			20	
1,2,4-Trimethylbenzene	1126.682	4.989394			20	
sec-Butylbenzene	1372.188	5.126624			20	
4-Bromofluorobenzene	872.3849	4.252054			20	
1,3-Dichlorobenzene	1062.611	4.161947			20	
1,4-Dichlorobenzene	1063.722	7.499183			20	
1,2-Dichlorobenzene	1059.969	2.017649			20	
n-Butylbenzene	1749.821	5.204386			20	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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INITIAL CALIBRATION STANDARDS

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Sequence:	S413025	Instrument:	ChemStation02
Calibration:	L413002		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2401804	SOIL Cal 2.5 PPB	S413025-CAL1	32624C1.D	03/26/24 10:24
2401805	SOIL Cal 5 PPB	S413025-CAL2	32624C2.D	03/26/24 10:55
2401806	SOIL Cal 10 PPB	S413025-CAL3	32624C3.D	03/26/24 11:26
2401807	SOIL Cal 25 PPB	S413025-CAL4	32624C4.D	03/26/24 11:57
2401808	SOIL Cal 50 PPB	S413025-CAL5	32624C5.D	03/26/24 12:28
2401809	SOIL Cal 75 PPB	S413025-CAL6	32624C6.D	03/26/24 12:59
2401810	SOIL Cal 100 PPB	S413025-CAL7	32624C7.D	03/26/24 13:30
2401811	SOIL Cal 150 PPB	S413025-CAL8	32624C8.D	03/26/24 14:01
2401812	SOIL Cal 200 PPB	S413025-CAL9	32624C9.D	03/26/24 14:32

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

Laboratory:	Work Order:
Client:	Project:
Instrument ID:	Calibration:
Lab File ID:	Calibration Date:
Sequence:	Injection Date:
Lab Sample ID:	Injection Time:

				RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation02	Calibration:	L413002
Lab File ID:	S414001-CCV1.D	Calibration Date:	03/27/24 11:17
Sequence:	S414001	Injection Date:	04/01/24
Lab Sample ID:	S414001-CCV1	Injection Time:	10:22

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Vinyl chloride	L	50.0	56.6	223.769	279.4173		13.2	20
Acetone	L	50.0	0.00	401.3542	118.2995			20
1,1-Dichloroethene	A	50.0	49.8	486.522	489.378		0.6	20
Methylene Chloride	L	50.0	50.7	605.2257	528.4467		1.3	20
Methyl-tert-Butyl Ether	A	50.0	54.6	893.3857	964.6018		8.0	20
trans-1,2-Dichloroethene	A	50.0	50.1	462.6865	458.8101		-0.8	20
1,1-Dichloroethane	A	50.0	53.0	593.6193	628.7556		5.9	20
Methyl Ethyl Ketone (2-Butanone)	A	50.0	55.4	34.86724	36.47582		4.6	20
cis-1,2-Dichloroethene	A	50.0	53.0	461.7999	489.3353		6.0	20
Chloroform	A	50.0	54.2	631.9481	684.7058		8.3	20
1,1,1-Trichloroethane	A	50.0	56.8	511.5906	580.8291		13.5	20
1,2-Dichloroethane	A	50.0	51.8	482.1235	499.2503		3.6	20
Carbon Tetrachloride	A	50.0	56.8	466.1684	537.2034		15.2	20
Benzene	A	50.0	51.7	1229.182	1271.413		3.4	20
Trichloroethene	A	50.0	53.6	287.0656	308.0391		7.3	20
1,4-Dioxane	A	500	495	4.090763	4.049601		-1.0	20
Toluene	A	50.0	52.4	1132.816	1186.811		4.8	20
Tetrachloroethene	A	50.0	56.6	401.8507	439.4526		9.4	20
Chlorobenzene	A	50.0	54.6	800.2561	873.4462		9.1	20
Ethylbenzene	A	50.0	55.1	1275.601	1406.844		10.3	20
m,p-Xylenes	A	100	110	1016.642	1113.175		9.5	20
o-Xylene	A	50.0	54.3	1080.733	1174.625		8.7	20
n-Propylbenzene	A	50.0	57.9	1509.868	1747.338		15.7	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation02	Calibration:	L413002
Lab File ID:	S414001-CCV1.D	Calibration Date:	03/27/24 11:17
Sequence:	S414001	Injection Date:	04/01/24
Lab Sample ID:	S414001-CCV1	Injection Time:	10:22

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,3,5-Trimethylbenzene	A	50.0	57.9	1078.258	1248.623		15.8	20	
tert-Butylbenzene	A	50.0	58.0	218.0983	252.9454		16.0	20	
1,2,4-Trimethylbenzene	A	50.0	57.2	1126.682	1288.722		14.4	20	
sec-Butylbenzene	A	50.0	59.7	1372.188	1637.458		19.3	20	
1,3-Dichlorobenzene	A	50.0	60.2	1062.611	1246.523		17.3	20	
1,4-Dichlorobenzene	A	50.0	59.9	1063.722	1228.168		15.5	20	
1,2-Dichlorobenzene	A	50.0	58.2	1059.969	1220.326		15.1	20	
n-Butylbenzene	A	50.0	66.2	1749.821	2265.396		29.5	20	*
Dibromofluoromethane	A	50.0	50.5	414.0187	418.1328		1.0	20	
1,2-Dichloroethane-d4	A	50.0	48.9	351.1375	343.5867		-2.2	20	
Toluene-d8	A	50.0	50.1	1141.793	1144.189		0.2	20	
4-Bromofluorobenzene	A	50.0	50.8	872.3849	887.1853		1.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation02	Calibration:	L413002
Lab File ID:	S414018-CCV1.D	Calibration Date:	03/27/24 11:17
Sequence:	S414018	Injection Date:	04/02/24
Lab Sample ID:	S414018-CCV1	Injection Time:	11:59

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Vinyl chloride	L	50.0	46.8	223.769	233.2883		-6.4	20
Acetone	L	50.0	0.00	401.3542	121.9328			20
1,1-Dichloroethene	A	50.0	46.1	486.522	451.9275		-7.1	20
Methylene Chloride	L	50.0	49.2	605.2257	513.3145		-1.7	20
Methyl-tert-Butyl Ether	A	50.0	50.2	893.3857	885.1632		-0.9	20
trans-1,2-Dichloroethene	A	50.0	44.4	462.6865	405.9661		-12.3	20
1,1-Dichloroethane	A	50.0	49.5	593.6193	587.9418		-1.0	20
Methyl Ethyl Ketone (2-Butanone)	A	50.0	48.6	34.86724	31.94467		-8.4	20
cis-1,2-Dichloroethene	A	50.0	48.4	461.7999	446.6138		-3.3	20
Chloroform	A	50.0	51.4	631.9481	649.9277		2.8	20
1,1,1-Trichloroethane	A	50.0	52.8	511.5906	540.6864		5.7	20
1,2-Dichloroethane	A	50.0	49.2	482.1235	474.3885		-1.6	20
Carbon Tetrachloride	A	50.0	53.6	466.1684	506.2643		8.6	20
Benzene	A	50.0	47.2	1229.182	1159.588		-5.7	20
Trichloroethene	A	50.0	48.2	287.0656	276.7851		-3.6	20
1,4-Dioxane	A	500	463	4.090763	3.789212		-7.4	20
Toluene	A	50.0	47.5	1132.816	1076.285		-5.0	20
Tetrachloroethene	A	50.0	49.2	401.8507	381.5768		-5.0	20
Chlorobenzene	A	50.0	48.6	800.2561	778.6347		-2.7	20
Ethylbenzene	A	50.0	48.9	1275.601	1248.089		-2.2	20
m,p-Xylenes	A	100	97.5	1016.642	991.1722		-2.5	20
o-Xylene	A	50.0	49.5	1080.733	1069.656		-1.0	20
n-Propylbenzene	A	50.0	51.8	1509.868	1565.749		3.7	20

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

EPA 8260D

Laboratory:	Long Island Analytical Laboratories, Inc.	Work Order:	4032817
Client:	Let It Grow Inc	Project:	151 South St, Manorville, NY
Instrument ID:	ChemStation02	Calibration:	L413002
Lab File ID:	S414018-CCV1.D	Calibration Date:	03/27/24 11:17
Sequence:	S414018	Injection Date:	04/02/24
Lab Sample ID:	S414018-CCV1	Injection Time:	11:59

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	50.0	52.6	1078.258	1134.934		5.3	20
tert-Butylbenzene	A	50.0	52.3	218.0983	228.2023		4.6	20
1,2,4-Trimethylbenzene	A	50.0	52.9	1126.682	1192.241		5.8	20
sec-Butylbenzene	A	50.0	54.6	1372.188	1499.17		9.3	20
1,3-Dichlorobenzene	A	50.0	53.5	1062.611	1110.96		4.6	20
1,4-Dichlorobenzene	A	50.0	54.0	1063.722	1107.474		4.1	20
1,2-Dichlorobenzene	A	50.0	52.2	1059.969	1097.233		3.5	20
n-Butylbenzene	A	50.0	59.1	1749.821	2022.665		15.6	20
Dibromofluoromethane	A	50.0	52.9	414.0187	437.8001		5.7	20
1,2-Dichloroethane-d4	A	50.0	51.7	351.1375	363.2727		3.5	20
Toluene-d8	A	50.0	49.8	1141.793	1138.075		-0.3	20
4-Bromofluorobenzene	A	50.0	48.4	872.3849	845.1519		-3.1	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

LONG
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"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

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VOLATILES QC DATA

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NJDEP# NY012
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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-BLK1	File ID:	B413165-BLK1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 12:25
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	U
67-64-1	Acetone	10.0	U
75-35-4	1,1-Dichloroethene	5.00	U
75-65-0	tert-Butyl alcohol	5.00	U
79-20-9	Methyl Acetate	5.00	U
75-09-2	Methylene Chloride	5.00	U
1634-04-4	Methyl-tert-Butyl Ether	5.00	U
156-60-5	trans-1,2-Dichloroethene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	10.0	U
156-59-2	cis-1,2-Dichloroethene	5.00	U
67-66-3	Chloroform	5.00	U
71-55-6	1,1,1-Trichloroethane	5.00	U
107-06-2	1,2-Dichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	5.00	U
71-43-2	Benzene	0.700	U
79-01-6	Trichloroethene	5.00	U
123-91-1	1,4-Dioxane	100	U
108-88-3	Toluene	5.00	U
127-18-4	Tetrachloroethene	5.00	U
108-90-7	Chlorobenzene	5.00	U
100-41-4	Ethylbenzene	5.00	U
108-38-3/106-42-3	m,p-Xylenes	10.0	U
95-47-6	o-Xylene	5.00	U

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-BLK1	File ID:	B413165-BLK1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 12:25
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
103-65-1	n-Propylbenzene	5.00	U
108-67-8	1,3,5-Trimethylbenzene	5.00	U
98-06-6	tert-Butylbenzene	5.00	U
95-63-6	1,2,4-Trimethylbenzene	5.00	U
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U

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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-BS1	File ID:	B413165-BS1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 10:47
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	4.N, U
67-64-1	Acetone	31.8	
75-35-4	1,1-Dichloroethene	43.6	
75-65-0	tert-Butyl alcohol	45.8	
79-20-9	Methyl Acetate	37.8	
75-09-2	Methylene Chloride	45.2	
1634-04-4	Methyl-tert-Butyl Ether	45.6	
156-60-5	trans-1,2-Dichloroethene	44.0	
75-34-3	1,1-Dichloroethane	45.3	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	41.1	
156-59-2	cis-1,2-Dichloroethene	44.7	
67-66-3	Chloroform	45.1	
71-55-6	1,1,1-Trichloroethane	44.1	
107-06-2	1,2-Dichloroethane	44.4	
56-23-5	Carbon Tetrachloride	44.4	
71-43-2	Benzene	44.8	
79-01-6	Trichloroethene	49.6	
123-91-1	1,4-Dioxane	337	
108-88-3	Toluene	50.7	
127-18-4	Tetrachloroethene	48.0	
108-90-7	Chlorobenzene	51.2	
100-41-4	Ethylbenzene	51.2	
108-38-3/106-42-3	m,p-Xylenes	102	
95-47-6	o-Xylene	51.7	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-BS1	File ID:	B413165-BS1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 10:47
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
103-65-1	n-Propylbenzene	50.6	
108-67-8	1,3,5-Trimethylbenzene	50.4	
98-06-6	tert-Butylbenzene	49.1	
95-63-6	1,2,4-Trimethylbenzene	51.1	
135-98-8	sec-Butylbenzene	50.1	
541-73-1	1,3-Dichlorobenzene	51.4	
106-46-7	1,4-Dichlorobenzene	52.4	
95-50-1	1,2-Dichlorobenzene	52.8	
104-51-8	n-Butylbenzene	50.8	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-MS1	File ID:	B413165-MS1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 11:11
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	4.G, U
67-64-1	Acetone	43.0	
75-35-4	1,1-Dichloroethene	42.5	
75-65-0	tert-Butyl alcohol	38.6	
79-20-9	Methyl Acetate	37.5	
75-09-2	Methylene Chloride	36.9	
1634-04-4	Methyl-tert-Butyl Ether	37.2	
156-60-5	trans-1,2-Dichloroethene	38.8	
75-34-3	1,1-Dichloroethane	40.4	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	41.9	
156-59-2	cis-1,2-Dichloroethene	38.8	
67-66-3	Chloroform	40.1	
71-55-6	1,1,1-Trichloroethane	42.3	
107-06-2	1,2-Dichloroethane	37.9	
56-23-5	Carbon Tetrachloride	43.4	
71-43-2	Benzene	40.3	
79-01-6	Trichloroethene	44.3	
123-91-1	1,4-Dioxane	100	4.G, U
108-88-3	Toluene	44.5	
127-18-4	Tetrachloroethene	45.8	
108-90-7	Chlorobenzene	68.2	
100-41-4	Ethylbenzene	46.2	
108-38-3/106-42-3	m,p-Xylenes	90.4	
95-47-6	o-Xylene	45.0	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-MS1	File ID:	B413165-MS1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 11:11
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
103-65-1	n-Propylbenzene	46.6	
108-67-8	1,3,5-Trimethylbenzene	45.8	
98-06-6	tert-Butylbenzene	47.5	
95-63-6	1,2,4-Trimethylbenzene	44.7	
135-98-8	sec-Butylbenzene	47.1	
541-73-1	1,3-Dichlorobenzene	43.8	
106-46-7	1,4-Dichlorobenzene	46.6	
95-50-1	1,2-Dichlorobenzene	43.7	
104-51-8	n-Butylbenzene	45.2	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-MSD1	File ID:	B413165-MSD1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 11:36
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-01-4	Vinyl chloride	5.00	4.G, U
67-64-1	Acetone	29.4	4.T
75-35-4	1,1-Dichloroethene	43.8	
75-65-0	tert-Butyl alcohol	40.3	
79-20-9	Methyl Acetate	34.7	
75-09-2	Methylene Chloride	39.2	
1634-04-4	Methyl-tert-Butyl Ether	40.6	
156-60-5	trans-1,2-Dichloroethene	42.3	
75-34-3	1,1-Dichloroethane	41.6	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	38.4	
156-59-2	cis-1,2-Dichloroethene	41.3	
67-66-3	Chloroform	41.6	
71-55-6	1,1,1-Trichloroethane	43.7	
107-06-2	1,2-Dichloroethane	39.1	
56-23-5	Carbon Tetrachloride	44.6	
71-43-2	Benzene	42.1	
79-01-6	Trichloroethene	46.6	
123-91-1	1,4-Dioxane	334	
108-88-3	Toluene	46.6	
127-18-4	Tetrachloroethene	46.5	
108-90-7	Chlorobenzene	70.9	
100-41-4	Ethylbenzene	48.0	
108-38-3/106-42-3	m,p-Xylenes	94.1	
95-47-6	o-Xylene	46.6	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Non-Potable Water	Laboratory ID:	B413165-MSD1	File ID:	B413165-MSD1.D
Sampled:		Prepared:	03/28/24 09:41	Analyzed:	03/28/24 11:36
Solids:		Preparation:	EPA 5030 C	Dilution:	
Batch:	B413165	Sequence:	S413043	Calibration:	L413003
Instrument:	ChemStation05				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/L)	Q
103-65-1	n-Propylbenzene	48.0	
108-67-8	1,3,5-Trimethylbenzene	46.9	
98-06-6	tert-Butylbenzene	47.5	
95-63-6	1,2,4-Trimethylbenzene	46.8	
135-98-8	sec-Butylbenzene	48.1	
541-73-1	1,3-Dichlorobenzene	45.9	
106-46-7	1,4-Dichlorobenzene	49.8	
95-50-1	1,2-Dichlorobenzene	46.2	
104-51-8	n-Butylbenzene	47.7	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414026-BLK1	File ID:	B414026-BLK1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 12:56
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
75-01-4	Vinyl chloride	5.00	U
67-64-1	Acetone	20.0	U
75-35-4	1,1-Dichloroethene	5.00	U
75-09-2	Methylene Chloride	5.00	U
1634-04-4	Methyl-tert-Butyl Ether	5.00	U
156-60-5	trans-1,2-Dichloroethene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	10.0	U
156-59-2	cis-1,2-Dichloroethene	5.00	U
67-66-3	Chloroform	5.00	U
71-55-6	1,1,1-Trichloroethane	5.00	U
107-06-2	1,2-Dichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	5.00	U
71-43-2	Benzene	5.00	U
79-01-6	Trichloroethene	5.00	U
123-91-1	1,4-Dioxane	25.0	U
108-88-3	Toluene	5.00	U
127-18-4	Tetrachloroethene	5.00	U
108-90-7	Chlorobenzene	5.00	U
100-41-4	Ethylbenzene	5.00	U
108-38-3/106-42-3	m,p-Xylenes	10.0	U
95-47-6	o-Xylene	5.00	U
103-65-1	n-Propylbenzene	5.00	U
108-67-8	1,3,5-Trimethylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414026-BLK1	File ID:	B414026-BLK1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 12:56
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
98-06-6	tert-Butylbenzene	5.00	U
95-63-6	1,2,4-Trimethylbenzene	5.00	U
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414026-BS1	File ID:	B414026-BS1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 10:52
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
75-01-4	Vinyl chloride	40.1	
67-64-1	Acetone	20.0	4.N, U
75-35-4	1,1-Dichloroethene	46.9	
75-09-2	Methylene Chloride	48.6	
1634-04-4	Methyl-tert-Butyl Ether	52.3	
156-60-5	trans-1,2-Dichloroethene	46.1	
75-34-3	1,1-Dichloroethane	49.7	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	57.8	
156-59-2	cis-1,2-Dichloroethene	48.8	
67-66-3	Chloroform	51.8	
71-55-6	1,1,1-Trichloroethane	52.4	
107-06-2	1,2-Dichloroethane	49.5	
56-23-5	Carbon Tetrachloride	52.2	
71-43-2	Benzene	48.3	
79-01-6	Trichloroethene	49.9	
123-91-1	1,4-Dioxane	516	
108-88-3	Toluene	50.1	
127-18-4	Tetrachloroethene	51.2	
108-90-7	Chlorobenzene	53.3	
100-41-4	Ethylbenzene	53.0	
108-38-3/106-42-3	m,p-Xylenes	106	
95-47-6	o-Xylene	53.3	
103-65-1	n-Propylbenzene	55.8	
108-67-8	1,3,5-Trimethylbenzene	55.9	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414026-BS1	File ID:	B414026-BS1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 10:52
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
98-06-6	tert-Butylbenzene	57.0	
95-63-6	1,2,4-Trimethylbenzene	56.4	
135-98-8	sec-Butylbenzene	57.4	
541-73-1	1,3-Dichlorobenzene	57.3	
106-46-7	1,4-Dichlorobenzene	56.6	
95-50-1	1,2-Dichlorobenzene	56.6	
104-51-8	n-Butylbenzene	60.4	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414026-MS1	File ID:	B414026-MS1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 11:24
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	18.9	4.G, D
67-64-1	Acetone	25.7	4.G, U
75-35-4	1,1-Dichloroethene	9.18	4.G, D
75-09-2	Methylene Chloride	9.93	4.G, D
1634-04-4	Methyl-tert-Butyl Ether	9.47	4.G, D
156-60-5	trans-1,2-Dichloroethene	8.16	4.G, D
75-34-3	1,1-Dichloroethane	8.82	4.G, D
78-93-3	Methyl Ethyl Ketone (2-Butanone)	9.18	4.G, U, D
156-59-2	cis-1,2-Dichloroethene	7.85	4.G, D
67-66-3	Chloroform	8.84	4.G, D
71-55-6	1,1,1-Trichloroethane	6.89	4.G, D
107-06-2	1,2-Dichloroethane	8.30	4.G, D
56-23-5	Carbon Tetrachloride	7.35	4.G, D
71-43-2	Benzene	7.07	4.G, D
79-01-6	Trichloroethene	5.91	4.G, U, D
123-91-1	1,4-Dioxane	94.3	4.G, D
108-88-3	Toluene	5.64	4.G, U, D
127-18-4	Tetrachloroethene	4.70	4.G, U, D
108-90-7	Chlorobenzene	4.82	4.G, U, D
100-41-4	Ethylbenzene	4.45	4.G, U, D
108-38-3/106-42-3	m,p-Xylenes	8.17	4.G, U, D
95-47-6	o-Xylene	4.19	4.G, U, D
103-65-1	n-Propylbenzene	3.16	4.G, U, D
108-67-8	1,3,5-Trimethylbenzene	2.94	4.G, U, D

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414026-MS1	File ID:	B414026-MS1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 11:24
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
98-06-6	tert-Butylbenzene	3.08	4.G, U, D
95-63-6	1,2,4-Trimethylbenzene	3.15	4.G, U, D
135-98-8	sec-Butylbenzene	2.80	4.G, U, D
541-73-1	1,3-Dichlorobenzene	2.40	4.G, U, D
106-46-7	1,4-Dichlorobenzene	2.84	4.G, U, D
95-50-1	1,2-Dichlorobenzene	2.81	4.G, U, D
104-51-8	n-Butylbenzene	3.26	4.G, U, D

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414026-MSD1	File ID:	B414026-MSD1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 11:54
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	31.2	4.T, D
67-64-1	Acetone	26.1	4.G, U
75-35-4	1,1-Dichloroethene	38.7	4.G, 4.T, D
75-09-2	Methylene Chloride	45.1	4.T, D
1634-04-4	Methyl-tert-Butyl Ether	47.9	4.T, D
156-60-5	trans-1,2-Dichloroethene	34.3	4.G, 4.T, D
75-34-3	1,1-Dichloroethane	43.3	4.T, D
78-93-3	Methyl Ethyl Ketone (2-Butanone)	45.6	4.T, D
156-59-2	cis-1,2-Dichloroethene	38.9	4.G, 4.T, D
67-66-3	Chloroform	42.3	4.G, 4.T, D
71-55-6	1,1,1-Trichloroethane	37.1	4.G, 4.T, D
107-06-2	1,2-Dichloroethane	40.9	4.T, D
56-23-5	Carbon Tetrachloride	31.2	4.G, 4.T, D
71-43-2	Benzene	37.3	4.G, 4.T, D
79-01-6	Trichloroethene	29.7	4.G, 4.T, D
123-91-1	1,4-Dioxane	446	4.T, D
108-88-3	Toluene	29.0	4.G, 4.T, D
127-18-4	Tetrachloroethene	21.4	4.G, 4.T, D
108-90-7	Chlorobenzene	24.0	4.G, 4.T, D
100-41-4	Ethylbenzene	22.2	4.G, 4.T, D
108-38-3/106-42-3	m,p-Xylenes	41.6	4.G, 4.T, D
95-47-6	o-Xylene	21.6	4.G, 4.T, D
103-65-1	n-Propylbenzene	15.3	4.G, 4.T, D
108-67-8	1,3,5-Trimethylbenzene	15.2	4.G, 4.T, D

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414026-MSD1	File ID:	B414026-MSD1.D
Sampled:		Prepared:	04/01/24 10:14	Analyzed:	04/01/24 11:54
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
98-06-6	tert-Butylbenzene	14.2	4.G, 4.T, D
95-63-6	1,2,4-Trimethylbenzene	15.4	4.G, 4.T, D
135-98-8	sec-Butylbenzene	11.9	4.G, 4.T, D
541-73-1	1,3-Dichlorobenzene	15.7	4.G, 4.T, D
106-46-7	1,4-Dichlorobenzene	15.3	4.G, 4.T, D
95-50-1	1,2-Dichlorobenzene	15.1	4.G, 4.T, D
104-51-8	n-Butylbenzene	12.6	4.G, 4.T, D

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414064-BLK1	File ID:	B414064-BLK1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 14:34
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
75-01-4	Vinyl chloride	5.00	U
67-64-1	Acetone	20.0	U
75-35-4	1,1-Dichloroethene	5.00	U
75-09-2	Methylene Chloride	5.00	U
1634-04-4	Methyl-tert-Butyl Ether	5.00	U
156-60-5	trans-1,2-Dichloroethene	5.00	U
75-34-3	1,1-Dichloroethane	5.00	U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	10.0	U
156-59-2	cis-1,2-Dichloroethene	5.00	U
67-66-3	Chloroform	5.00	U
71-55-6	1,1,1-Trichloroethane	5.00	U
107-06-2	1,2-Dichloroethane	5.00	U
56-23-5	Carbon Tetrachloride	5.00	U
71-43-2	Benzene	5.00	U
79-01-6	Trichloroethene	5.00	U
123-91-1	1,4-Dioxane	25.0	U
108-88-3	Toluene	5.00	U
127-18-4	Tetrachloroethene	5.00	U
108-90-7	Chlorobenzene	5.00	U
100-41-4	Ethylbenzene	5.00	U
108-38-3/106-42-3	m,p-Xylenes	10.0	U
95-47-6	o-Xylene	5.00	U
103-65-1	n-Propylbenzene	5.00	U
108-67-8	1,3,5-Trimethylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
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NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414064-BLK1	File ID:	B414064-BLK1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 14:34
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
98-06-6	tert-Butylbenzene	5.00	U
95-63-6	1,2,4-Trimethylbenzene	5.00	U
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414064-BS1	File ID:	B414064-BS1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 12:30
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
75-01-4	Vinyl chloride	42.4	
67-64-1	Acetone	20.0	4.N, U
75-35-4	1,1-Dichloroethene	45.6	
75-09-2	Methylene Chloride	50.8	
1634-04-4	Methyl-tert-Butyl Ether	51.8	
156-60-5	trans-1,2-Dichloroethene	45.6	
75-34-3	1,1-Dichloroethane	49.5	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	55.6	
156-59-2	cis-1,2-Dichloroethene	49.1	
67-66-3	Chloroform	52.7	
71-55-6	1,1,1-Trichloroethane	53.0	
107-06-2	1,2-Dichloroethane	49.7	
56-23-5	Carbon Tetrachloride	52.8	
71-43-2	Benzene	47.4	
79-01-6	Trichloroethene	47.0	
123-91-1	1,4-Dioxane	473	
108-88-3	Toluene	47.4	
127-18-4	Tetrachloroethene	46.9	
108-90-7	Chlorobenzene	49.4	
100-41-4	Ethylbenzene	48.1	
108-38-3/106-42-3	m,p-Xylenes	95.0	
95-47-6	o-Xylene	48.9	
103-65-1	n-Propylbenzene	50.2	
108-67-8	1,3,5-Trimethylbenzene	50.7	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414064-BS1	File ID:	B414064-BS1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 12:30
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg wet)	Q
98-06-6	tert-Butylbenzene	50.4	
95-63-6	1,2,4-Trimethylbenzene	51.5	
135-98-8	sec-Butylbenzene	51.8	
541-73-1	1,3-Dichlorobenzene	52.3	
106-46-7	1,4-Dichlorobenzene	53.6	
95-50-1	1,2-Dichlorobenzene	53.1	
104-51-8	n-Butylbenzene	56.6	

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
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AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414064-MS1	File ID:	B414064-MS1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 13:01
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	42.8	D
67-64-1	Acetone	22.2	4.G, U
75-35-4	1,1-Dichloroethene	48.6	D
75-09-2	Methylene Chloride	53.5	D
1634-04-4	Methyl-tert-Butyl Ether	52.9	D
156-60-5	trans-1,2-Dichloroethene	46.2	D
75-34-3	1,1-Dichloroethane	53.4	D
78-93-3	Methyl Ethyl Ketone (2-Butanone)	58.2	D
156-59-2	cis-1,2-Dichloroethene	49.8	D
67-66-3	Chloroform	54.4	D
71-55-6	1,1,1-Trichloroethane	55.1	D
107-06-2	1,2-Dichloroethane	51.8	D
56-23-5	Carbon Tetrachloride	53.8	D
71-43-2	Benzene	49.3	D
79-01-6	Trichloroethene	49.6	D
123-91-1	1,4-Dioxane	544	D
108-88-3	Toluene	48.9	D
127-18-4	Tetrachloroethene	45.4	D
108-90-7	Chlorobenzene	47.7	D
100-41-4	Ethylbenzene	46.2	D
108-38-3/106-42-3	m,p-Xylenes	88.5	D
95-47-6	o-Xylene	45.5	D
103-65-1	n-Propylbenzene	40.6	D
108-67-8	1,3,5-Trimethylbenzene	40.9	D

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414064-MS1	File ID:	B414064-MS1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 13:01
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
98-06-6	tert-Butylbenzene	38.5	D
95-63-6	1,2,4-Trimethylbenzene	39.9	D
135-98-8	sec-Butylbenzene	35.5	D
541-73-1	1,3-Dichlorobenzene	44.7	D
106-46-7	1,4-Dichlorobenzene	44.4	D
95-50-1	1,2-Dichlorobenzene	43.3	D
104-51-8	n-Butylbenzene	37.7	D

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc		Project:	151 South St, Manorville, NY	
Matrix:	Soil	Laboratory ID:	B414064-MSD1	File ID:	B414064-MSD1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 13:32
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	32.4	4.T
67-64-1	Acetone	21.4	4.G, U
75-35-4	1,1-Dichloroethene	40.2	
75-09-2	Methylene Chloride	44.6	
1634-04-4	Methyl-tert-Butyl Ether	47.9	
156-60-5	trans-1,2-Dichloroethene	39.6	
75-34-3	1,1-Dichloroethane	44.2	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	50.8	
156-59-2	cis-1,2-Dichloroethene	42.4	
67-66-3	Chloroform	45.7	
71-55-6	1,1,1-Trichloroethane	45.4	
107-06-2	1,2-Dichloroethane	43.4	
56-23-5	Carbon Tetrachloride	42.3	4.T
71-43-2	Benzene	40.7	
79-01-6	Trichloroethene	42.3	
123-91-1	1,4-Dioxane	508	
108-88-3	Toluene	40.6	
127-18-4	Tetrachloroethene	34.3	4.T
108-90-7	Chlorobenzene	38.7	4.T
100-41-4	Ethylbenzene	35.5	4.T
108-38-3/106-42-3	m,p-Xylenes	66.1	4.T
95-47-6	o-Xylene	34.4	4.T
103-65-1	n-Propylbenzene	26.8	4.G, 4.T
108-67-8	1,3,5-Trimethylbenzene	27.2	4.G, 4.T

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Long Island Analytical Laboratories, Inc.			Work Order:	4032817
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	B414064-MSD1	File ID:	B414064-MSD1.D
Sampled:		Prepared:	04/02/24 11:40	Analyzed:	04/02/24 13:32
Solids:		Preparation:	EPA 5035A-L	Dilution:	
Batch:	B414064	Sequence:	S414018	Calibration:	L413002
Instrument:	ChemStation02				
Column:	1				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
98-06-6	tert-Butylbenzene	25.8	4.T
95-63-6	1,2,4-Trimethylbenzene	26.1	4.G, 4.T
135-98-8	sec-Butylbenzene	21.7	4.G, 4.T
541-73-1	1,3-Dichlorobenzene	31.4	4.T
106-46-7	1,4-Dichlorobenzene	32.0	4.T
95-50-1	1,2-Dichlorobenzene	32.0	4.T
104-51-8	n-Butylbenzene	22.8	4.G, 4.T

LONG ISLAND ANALYTICAL LABORATORIES INC.
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CTDOH# PH-0284
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NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-05	File ID:	4032817-05.D
Sampled:	03/28/24 10:20	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 14:29
Solids:	77.05	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002	Instrument:	ChemStation02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
75-01-4	Vinyl chloride	6.49	4.G, 4.T, U
67-64-1	Acetone	26.0	4.G, 4.J, 4.N, U
75-35-4	1,1-Dichloroethene	6.49	4.G, 4.T, U
75-09-2	Methylene Chloride	6.49	4.G, 4.T, U
1634-04-4	Methyl-tert-Butyl Ether	6.49	4.G, U
156-60-5	trans-1,2-Dichloroethene	6.49	4.G, 4.T, U
75-34-3	1,1-Dichloroethane	6.49	4.G, U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	13.0	4.G, 4.T, U
156-59-2	cis-1,2-Dichloroethene	6.49	4.T, 4.G, U
67-66-3	Chloroform	6.49	4.T, 4.G, U
71-55-6	1,1,1-Trichloroethane	6.49	4.G, 4.T, U
107-06-2	1,2-Dichloroethane	6.49	4.G, 4.T, U
56-23-5	Carbon Tetrachloride	6.49	4.G, 4.T, U
71-43-2	Benzene	6.49	4.G, 4.T, U
79-01-6	Trichloroethene	6.49	4.G, 4.T, U
123-91-1	1,4-Dioxane	32.4	4.G, 4.T, U
108-88-3	Toluene	6.49	4.G, 4.T, U
127-18-4	Tetrachloroethene	6.49	4.G, 4.T, U
108-90-7	Chlorobenzene	6.49	4.T, 4.G, U
100-41-4	Ethylbenzene	6.49	4.T, 4.G, U
108-38-3/106-42-3	m,p-Xylenes	13.0	4.G, 4.T, U
95-47-6	o-Xylene	6.49	4.G, 4.T, U

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

1 - FORM I
ANALYSIS DATA SHEET

Stockpile - 3A Grab (MS/MSD)

Laboratory:	Long Island Analytical Laboratories, Inc.			SDG:	
Client:	Let It Grow Inc			Project:	151 South St, Manorville, NY
Matrix:	Soil	Laboratory ID:	4032817-05	File ID:	4032817-05.D
Sampled:	03/28/24 10:20	Prepared:	04/01/24 10:14	Analyzed:	04/01/24 14:29
Solids:	77.05	Preparation:	EPA 5035A-L	Dilution:	1
Batch:	B414026	Sequence:	S414001	Calibration:	L413002
Instrument:	ChemStation02				

CAS NO.	COMPOUND	CONC. (ug/kg dry)	Q
103-65-1	n-Propylbenzene	6.49	4.G, 4.T, U
108-67-8	1,3,5-Trimethylbenzene	6.49	4.G, 4.T, U
98-06-6	tert-Butylbenzene	6.49	4.G, 4.T, U
95-63-6	1,2,4-Trimethylbenzene	6.49	4.G, 4.T, U
135-98-8	sec-Butylbenzene	6.49	4.G, 4.T, U
541-73-1	1,3-Dichlorobenzene	6.49	4.G, 4.T, U
106-46-7	1,4-Dichlorobenzene	6.49	4.G, 4.T, U
95-50-1	1,2-Dichlorobenzene	6.49	4.G, 4.T, U
104-51-8	n-Butylbenzene	6.49	4.K, 4.G, 4.T, U

* Values outside of QC limits

110 Colin Drive • Holbrook, New York 11741
Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : 4032817-03.D
Acq On : 1 Apr 2024 1:27 pm
Operator : JD
Sample : 4032817-03
Misc : CHEM02
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 16:30:05 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	4.626	168	525016	50.00 ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	639942	50.00 ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	639523	50.00 ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	428075	50.00 ppb		0.00
System Monitoring Compounds						
34) Dibromofluouromethane	4.273	113	220464	50.71 ppb		0.01
51) 1,2-Dichloroethane-d4	4.949	65	234367	52.15 ppb		0.02
76) Toluene-d8	7.972	98	735854	50.39 ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	395227	52.92 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	219	1.54 ppb	#	38
3) 75-45-6!Chlorodifluoro...	1.341	51	316	N.D.		
4) 74-87-3!Chloromethane	1.475	50	3250	1.82 ppb	#	85
5) 75-01-4!Chloroethene (...	1.542	62	168	2.74 ppb	#	1
6) 74-83-9!Bromomethane	1.755	94	4067	2.97 ppb	#	93
7) 75-00-3!Chloroethane	1.883	64	184	Below Cal	#	12
8) 75-69-4!Trichloromonof...	0.000		0	N.D.		
9) 60-29-7!Ethyl ether	0.000		0	N.D.		
10) 107-02-8!Acrolein	2.375	56	710	1.48 ppb	#	1
11) 67-64-1!Acetone	2.132	43	6068	Below Cal		96
12) 75-35-4!1,1-Dichloroet...	2.436	61	120	1.70 ppb	#	34
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.		
14) 76-13-1!Freon 113	0.000		0	N.D.		
15) 70-20-9!Methyl Acetate	2.473	43	1040	N.D.		
16) 107-05-1!Allyl chloride	2.570	41	1196	0.34 ppb	#	60
17) 74-88-4!Methyl iodide	2.461	142	200	0.33 ppb	#	37
18) 107-13-1!Acrylonitrile	2.491	53	133	2.13 ppb	#	27
19) 75-09-2!Methylene chlo...	2.570	49	19419	1.15 ppb		93
20) 75-15-0!Carbon disulfide	2.649	76	221	1.60 ppb	#	1
21) 1634-04-4!MTBE	2.868	73	223	Below Cal	#	1
22) 156-60-5!trans[E]-1,2-...	2.941	61	180	1.07 ppb	#	28
23) 110-54-3!Hexane	3.330	57	17715	6.82 ppb	#	71
24) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.		
25) 108-05-4!Vinyl acetate	3.203	43	252	Below Cal	#	75
26) 637-92-3!tert-Butyl Et...	3.872	59	162	N.D.		
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.		
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.		
29) 594-20-7!2,2-Dichlorop...	4.103	77	118	0.89 ppb	#	1
30) 74-97-5!Bromochloromet...	0.000		0	N.D.		
31) 67-66-3!Chloroform	4.085	83	3880	0.58 ppb	#	92
32) 109-99-9!Tetrahydrofuran	4.316	42	118	2.53 ppb	#	31
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
35) 994-05-8!tert-Amyl Met...	5.563	73	121	N.D.		
36) 107-06-2!1,2-Dichloroe...	5.083	62	431	N.D.		
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.		
39) 71-43-2!Benzene	5.314	78	350	N.D.		

41)	79-01-6!Trichloroethylene	6.390	130	123	N.D.		
42)	80-62-6!Methyl methacr...	6.707	41	397	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.506	63	100	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.725	43	253	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	0.000		0	N.D.		
48)	110-75-8!2-Chloroethyl...	0.000		0	N.D.		
49)	108-10-1!Methyl isobut...	0.000		0	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.711	73	152	0.22 ppb	#	1
53)	108-88-3!Toluene	8.063	91	1926	N.D.		
54)	97-63-2!Ethyl methacry...	8.203	69	122	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.483	43	291	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.240	97	100	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.921	43	320	Below Cal	#	15
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.940	166	331	0.46 ppb	#	20
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.229	43	414	N.D.		
66)	108-90-7!Chlorobenzene	9.706	112	221	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.895	91	777	N.D.		
69)	1330-20-7!p&m-Xylene	10.028	91	1930	N.D.		
70)	100-42-5!Styrene	10.436	104	685	N.D.		
71)	95-47-6!o-Xylene	10.460	91	738	N.D.		
72)	75-25-2!Bromoform	10.521	173	1624	0.37 ppb		93
73)	79-34-5!1,1,2,2-Tetrac...	10.825	83	137	N.D.		
74)	98-82-8!Isopropylbenzene	10.898	105	193	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.008	110	180	N.D.		
77)	124-18-5!Decane	11.689	57	119	1.97 ppb	#	1
78)	108-86-1!Bromobenzene	11.245	77	146	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	517	N.D.		
80)	95-49-8!2-Chlorotoluene	11.422	91	266	N.D.		
81)	622-96-8!p-Ethyltoluene	11.482	105	612	N.D.		
82)	106-43-4!4-Chlorotoluene	11.495	91	588	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.555	105	491	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	790	N.D.		
86)	135-98-8!sec-Butylbenzene	12.139	105	416	N.D.		
87)	5989-27-5!D-Limonene	12.310	68	126	1.49 ppb	#	19
90)	541-73-1!1,3-Dichlorob...	12.219	146	460	Below Cal	#	70
91)	99-87-6!p-Isopropyltol...	12.292	119	837	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.316	146	1395	Below Cal	#	26
93)	1120-21-4!Undecane	12.949	57	731	Below Cal	#	80
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.644	146	484	Below Cal	#	67
96)	105-05-5!1,4-Diethylbe...	0.000		0	N.D.		
97)	104-51-8!n-Butylbenzene	12.723	91	587	Below Cal	#	45
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.417	67	268	Below Cal	#	23
100)	95-93-2!1,2,4,5-Tetram...	13.496	119	299	Below Cal	#	29
101)	120-82-1!1,2,4-Trichlo...	14.409	180	633	Below Cal	#	45
102)	91-20-3!Naphthalene	14.555	128	1543	1.77 ppb	#	81
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.853	180	522	Below Cal	#	75

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:56:10 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : 4032817-04.D
Acq On : 1 Apr 2024 1:58 pm
Operator : JD
Sample : 4032817-04
Misc : CHEM02
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 16:30:22 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	4.620	168	494349	50.00 ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	609197	50.00 ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	613521	50.00 ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	404081	50.00 ppb		0.00
System Monitoring Compounds						
34) Dibromofluouromethane	4.267	113	213362	52.12 ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	231092	54.02 ppb		0.00
76) Toluene-d8	7.966	98	711031	50.75 ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	374650	53.14 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.		
3) 75-45-6!Chlorodifluoro...	1.341	51	365	N.D.		
4) 74-87-3!Chloromethane	1.475	50	2893	1.77 ppb	#	85
5) 75-01-4!Chloroethene (...	1.554	62	176	2.75 ppb	#	1
6) 74-83-9!Bromomethane	1.737	94	2799	2.48 ppb	#	71
7) 75-00-3!Chloroethane	0.000		0	N.D.		
8) 75-69-4!Trichloromonof...	2.096	101	149	0.84 ppb	#	1
9) 60-29-7!Ethyl ether	0.000		0	N.D.		
10) 107-02-8!Acrolein	2.083	56	206	0.46 ppb	#	83
11) 67-64-1!Acetone	2.120	43	5699	Below Cal		95
12) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.		
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.		
14) 76-13-1!Freon 113	0.000		0	N.D.		
15) 70-20-9!Methyl Acetate	2.461	43	1316	0.28 ppb	#	83
16) 107-05-1!Allyl chloride	2.552	41	1128	0.34 ppb	#	42
17) 74-88-4!Methyl iodide	2.461	142	250	0.44 ppb	#	12
18) 107-13-1!Acrylonitrile	2.375	53	198	2.20 ppb	#	14
19) 75-09-2!Methylene chlo...	2.558	49	19211	1.35 ppb		89
20) 75-15-0!Carbon disulfide	2.637	76	307	1.61 ppb	#	1
21) 1634-04-4!MTBE	2.899	73	242	Below Cal	#	57
22) 156-60-5!trans[E]-1,2-...	2.941	61	136	1.06 ppb	#	46
23) 110-54-3!Hexane	3.324	57	26649	11.16 ppb	#	78
24) 75-34-3!1,1-Dichloroet...	3.324	63	149	N.D.		
25) 108-05-4!Vinyl acetate	3.191	43	456	Below Cal	#	75
26) 637-92-3!tert-Butyl Et...	3.902	59	132	N.D.		
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.		
28) 156-59-2!cis[Z]-1,2dic...	3.762	61	120	N.D.		
29) 594-20-7!2,2-Dichlorop...	3.890	77	173	0.91 ppb	#	51
30) 74-97-5!Bromochloromet...	0.000		0	N.D.		
31) 67-66-3!Chloroform	4.067	83	3902	0.62 ppb		92
32) 109-99-9!Tetrahydrofuran	4.316	42	116	2.53 ppb	#	31
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.		
36) 107-06-2!1,2-Dichloroe...	5.089	62	348	N.D.		
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
38) 56-23-5!Carbon tetrach...	5.448	117	126	1.49 ppb	#	58
39) 71-43-2!Benzene	5.308	78	735	N.D.		

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.725	41	192	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.391	63	130	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.749	43	139	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	6.646	83	153	N.D.		
48)	110-75-8!2-Chloroethyl...	7.473	63	153	Below Cal	#	65
49)	108-10-1!Methyl isobut...	7.619	58	128	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.686	73	206	0.32 ppb	#	1
53)	108-88-3!Toluene	8.063	91	2328	N.D.		
54)	97-63-2!Ethyl methacry...	8.240	69	142	N.D.		
55)	10061-02-6!trans[E]-1,...	8.106	75	131	N.D.		
56)	111-65-9!Octane	8.447	43	392	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.264	97	134	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.927	43	215	Below Cal	#	12
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	0.000		0	N.D.		
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.229	43	100	Below Cal	#	1
66)	108-90-7!Chlorobenzene	9.700	112	160	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.901	91	696	N.D.		
69)	1330-20-7!p&m-Xylene	10.028	91	1279	N.D.		
70)	100-42-5!Styrene	10.436	104	460	N.D.		
71)	95-47-6!o-Xylene	10.454	91	518	N.D.		
72)	75-25-2!Bromoform	10.527	173	1456	0.35 ppb	#	87
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	10.905	105	369	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.026	110	334	0.31 ppb	#	1
77)	124-18-5!Decane	11.695	57	256	2.00 ppb	#	1
78)	108-86-1!Bromobenzene	11.160	77	330	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	744	N.D.		
80)	95-49-8!2-Chlorotoluene	11.422	91	242	N.D.		
81)	622-96-8!p-Ethyltoluene	11.470	105	429	N.D.		
82)	106-43-4!4-Chlorotoluene	11.495	91	480	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.543	105	796	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	792	N.D.		
86)	135-98-8!sec-Butylbenzene	12.152	105	155	N.D.		
87)	5989-27-5!D-Limonene	12.334	68	311	1.58 ppb	#	62
90)	541-73-1!1,3-Dichlorob...	12.225	146	354	Below Cal	#	14
91)	99-87-6!p-Isopropyltol...	12.292	119	411	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.328	146	1240	Below Cal	#	68
93)	1120-21-4!Undecane	12.943	57	190	Below Cal	#	1
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.650	146	234	Below Cal	#	39
96)	105-05-5!1,4-Diethylbe...	0.000		0	N.D.		
97)	104-51-8!n-Butylbenzene	12.711	91	443	Below Cal	#	74
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.417	67	125	Below Cal	#	4
100)	95-93-2!1,2,4,5-Tetram...	0.000		0	N.D.		
101)	120-82-1!1,2,4-Trichlo...	14.409	180	625	Below Cal	#	73
102)	91-20-3!Naphthalene	14.561	128	1072	1.74 ppb	#	69
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.853	180	402	Below Cal	#	56

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:56:32 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : 4032817-05.D
Acq On : 1 Apr 2024 2:29 pm
Operator : JD
Sample : 4032817-05
Misc : CHEM02
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 02 16:31:07 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.626	168	468430	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	585365	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	609400	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	403319	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.267	113	211964	54.65	ppb		0.00
51) 1,2-Dichloroethane-d4	4.943	65	228414	55.56	ppb		0.01
76) Toluene-d8	7.972	98	694979	49.94	ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	373073	53.02	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.			
3) 75-45-6!Chlorodifluoro...	1.347	51	320	N.D.			
4) 74-87-3!Chloromethane	1.481	50	2564	1.73	ppb	#	82
5) 75-01-4!Chloroethene (...	0.000		0	N.D.			
6) 74-83-9!Bromomethane	1.743	94	3247	2.78	ppb	#	78
7) 75-00-3!Chloroethane	0.000		0	N.D.			
8) 75-69-4!Trichloromonof...	0.000		0	N.D.			
9) 60-29-7!Ethyl ether	0.000		0	N.D.			
10) 107-02-8!Acrolein	2.089	56	137	0.32	ppb	#	45
11) 67-64-1!Acetone	2.126	43	4485	Below Cal		#	82
12) 75-35-4!1,1-Dichloroet...	2.388	61	132	1.71	ppb	#	34
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.			
14) 76-13-1!Freon 113	0.000		0	N.D.			
15) 70-20-9!Methyl Acetate	2.461	43	935	0.21	ppb	#	81
16) 107-05-1!Allyl chloride	2.558	41	1210	0.39	ppb	#	63
17) 74-88-4!Methyl iodide	2.515	142	120	0.22	ppb	#	1
18) 107-13-1!Acrylonitrile	2.430	53	225	2.24	ppb	#	79
19) 75-09-2!Methylene chlo...	2.564	49	26283	3.12	ppb		95
20) 75-15-0!Carbon disulfide	2.655	76	157	1.60	ppb	#	1
21) 1634-04-4!MTBE	0.000		0	N.D.			
22) 156-60-5!trans[E]-1,2-...	2.990	61	123	1.06	ppb	#	9
23) 110-54-3!Hexane	3.330	57	31521	14.04	ppb	#	85
24) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.			
25) 108-05-4!Vinyl acetate	3.221	43	647	Below Cal		#	75
26) 637-92-3!tert-Butyl Et...	3.902	59	135	N.D.			
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.			
28) 156-59-2!cis[Z]-1,2dic...	3.957	61	121	N.D.			
29) 594-20-7!2,2-Dichlorop...	3.927	77	161	0.91	ppb	#	1
30) 74-97-5!Bromochloromet...	0.000		0	N.D.			
31) 67-66-3!Chloroform	4.067	83	4722	0.80	ppb	#	94
32) 109-99-9!Tetrahydrofuran	4.310	42	154	2.58	ppb	#	26
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.			
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.			
36) 107-06-2!1,2-Dichloroe...	5.076	62	325	N.D.			
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.			
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.			
39) 71-43-2!Benzene	5.314	78	668	N.D.			

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.670	41	3676	0.97 ppb	#	53
43)	78-87-5!1,2-Dichloropr...	6.561	63	123	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.725	43	218	N.D.		
46)	123-91-1!1,4 Dioxane	6.549	88	175	3.65 ppb	#	1
47)	75-27-4!Bromodichlorom...	0.000		0	N.D.		
48)	110-75-8!2-Chloroethyl...	6.889	63	199	Below Cal	#	7
49)	108-10-1!Methyl isobut...	7.571	58	111	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	0.000		0	N.D.		
53)	108-88-3!Toluene	8.064	91	28125	2.12 ppb		96
54)	97-63-2!Ethyl methacry...	0.000		0	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.441	43	177	N.D.		
57)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.933	43	202	Below Cal	#	36
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.946	166	134	0.42 ppb	#	1
63)	106-93-4!1,2-Dibromoet...	9.171	107	192	N.D.		
64)	111-84-2!Nonane	10.248	43	406	N.D.		
66)	108-90-7!Chlorobenzene	9.712	112	356	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	9.816	131	130	N.D.		
68)	100-41-4!Ethylbenzene	9.889	91	1262	N.D.		
69)	1330-20-7!p&m-Xylene	10.028	91	2919	0.24 ppb	#	94
70)	100-42-5!Styrene	10.436	104	481	N.D.		
71)	95-47-6!o-Xylene	10.460	91	1266	N.D.		
72)	75-25-2!Bromoform	10.527	173	1363	0.33 ppb	#	88
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	10.905	105	199	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.026	110	227	0.21 ppb	#	1
77)	124-18-5!Decane	11.689	57	143	1.98 ppb	#	1
78)	108-86-1!Bromobenzene	11.166	77	264	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	597	N.D.		
80)	95-49-8!2-Chlorotoluene	11.349	91	597	N.D.		
81)	622-96-8!p-Ethyltoluene	11.476	105	403	N.D.		
82)	106-43-4!4-Chlorotoluene	11.501	91	357	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.549	105	150	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.927	105	422	N.D.		
86)	135-98-8!sec-Butylbenzene	12.140	105	199	N.D.		
87)	5989-27-5!D-Limonene	12.286	68	318	1.58 ppb	#	1
90)	541-73-1!1,3-Dichlorob...	12.219	146	407	Below Cal	#	68
91)	99-87-6!p-Isopropyltol...	12.310	119	668	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.304	146	812	Below Cal	#	1
93)	1120-21-4!Undecane	12.949	57	977	Below Cal	#	40
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.644	146	274	Below Cal	#	54
96)	105-05-5!1,4-Diethylbe...	12.711	119	196	0.59 ppb	#	59
97)	104-51-8!n-Butylbenzene	12.717	91	509	Below Cal	#	60
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.502	67	136	Below Cal	#	1
100)	95-93-2!1,2,4,5-Tetram...	13.496	119	144	Below Cal	#	14
101)	120-82-1!1,2,4-Trichlo...	14.415	180	537	Below Cal	#	79
102)	91-20-3!Naphthalene	14.555	128	1061	1.74 ppb	#	73
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:56:50 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : 4032817-06.D
Acq On : 1 Apr 2024 3:00 pm
Operator : JD
Sample : 4032817-06
Misc : CHEM02
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 02 16:31:22 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	4.626	168	476846	50.00 ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	588026	50.00 ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	604218	50.00 ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	401572	50.00 ppb		0.00
System Monitoring Compounds						
34) Dibromofluouromethane	4.267	113	207332	52.51 ppb		0.00
51) 1,2-Dichloroethane-d4	4.943	65	222768	53.94 ppb		0.01
76) Toluene-d8	7.972	98	680622	49.33 ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	369969	52.80 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.		
3) 75-45-6!Chlorodifluoro...	1.372	51	239	N.D.		
4) 74-87-3!Chloromethane	1.469	50	2771	1.77 ppb	#	54
5) 75-01-4!Chloroethene (...	0.000		0	N.D.		
6) 74-83-9!Bromomethane	1.743	94	2804	2.53 ppb	#	90
7) 75-00-3!Chloroethane	0.000		0	N.D.		
8) 75-69-4!Trichloromonof...	0.000		0	N.D.		
9) 60-29-7!Ethyl ether	0.000		0	N.D.		
10) 107-02-8!Acrolein	2.108	56	131	0.30 ppb	#	46
11) 67-64-1!Acetone	2.126	43	4380	Below Cal		92
12) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.		
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.		
14) 76-13-1!Freon 113	0.000		0	N.D.		
15) 70-20-9!Methyl Acetate	2.467	43	914	N.D.		
16) 107-05-1!Allyl chloride	2.558	41	1408	0.44 ppb	#	30
17) 74-88-4!Methyl iodide	2.454	142	141	0.26 ppb	#	37
18) 107-13-1!Acrylonitrile	2.357	53	140	2.15 ppb	#	50
19) 75-09-2!Methylene chlo...	2.558	49	24251	2.58 ppb		97
20) 75-15-0!Carbon disulfide	2.850	76	1705	1.76 ppb	#	1
21) 1634-04-4!MTBE	2.905	73	154	Below Cal	#	1
22) 156-60-5!trans[E]-1,2-...	2.923	61	143	1.07 ppb	#	28
23) 110-54-3!Hexane	3.324	57	21918	9.45 ppb	#	77
24) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.		
25) 108-05-4!Vinyl acetate	3.233	43	692	Below Cal	#	75
26) 637-92-3!tert-Butyl Et...	3.908	59	130	N.D.		
27) 78-93-3!2-Butanone (MEK)	3.537	72	114	Below Cal	#	41
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.		
29) 594-20-7!2,2-Dichlorop...	3.933	77	210	0.92 ppb	#	26
30) 74-97-5!Bromochloromet...	0.000		0	N.D.		
31) 67-66-3!Chloroform	4.067	83	4794	0.80 ppb	#	90
32) 109-99-9!Tetrahydrofuran	4.316	42	197	2.61 ppb	#	31
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.		
36) 107-06-2!1,2-Dichloroe...	5.083	62	177	N.D.		
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.		
39) 71-43-2!Benzene	5.308	78	575	N.D.		

41)	79-01-6!Trichloroethylene	6.324	130	119	N.D.		
42)	80-62-6!Methyl methacr...	6.743	41	217	N.D.		
43)	78-87-5!1,2-Dichloropr...	0.000		0	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.743	43	353	N.D.		
46)	123-91-1!1,4 Dioxane	6.683	88	151	3.14 ppb	#	1
47)	75-27-4!Bromodichlorom...	6.640	83	148	N.D.		
48)	110-75-8!2-Chloroethyl...	0.000		0	N.D.		
49)	108-10-1!Methyl isobut...	7.565	58	123	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	0.000		0	N.D.		
53)	108-88-3!Toluene	8.064	91	29053	2.18 ppb		92
54)	97-63-2!Ethyl methacry...	8.447	69	126	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.453	43	204	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.380	97	119	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.927	43	357	Below Cal	#	13
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.940	166	203	0.44 ppb	#	30
63)	106-93-4!1,2-Dibromoet...	9.122	107	125	N.D.		
64)	111-84-2!Nonane	10.248	43	216	Below Cal	#	38
66)	108-90-7!Chlorobenzene	9.718	112	251	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.901	91	1549	N.D.		
69)	1330-20-7!p&m-Xylene	10.022	91	4479	0.36 ppb		93
70)	100-42-5!Styrene	10.430	104	725	N.D.		
71)	95-47-6!o-Xylene	10.460	91	1958	N.D.		
72)	75-25-2!Bromoform	10.521	173	1430	0.35 ppb	#	92
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	10.911	105	166	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.020	110	145	N.D.		
77)	124-18-5!Decane	11.689	57	254	2.00 ppb	#	31
78)	108-86-1!Bromobenzene	11.166	77	174	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	699	N.D.		
80)	95-49-8!2-Chlorotoluene	11.428	91	301	N.D.		
81)	622-96-8!p-Ethyltoluene	11.483	105	360	N.D.		
82)	106-43-4!4-Chlorotoluene	11.483	91	384	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.562	105	135	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	724	N.D.		
86)	135-98-8!sec-Butylbenzene	0.000		0	N.D.		
87)	5989-27-5!D-Limonene	12.401	68	186	1.52 ppb	#	41
90)	541-73-1!1,3-Dichlorob...	12.219	146	470	Below Cal	#	62
91)	99-87-6!p-Isopropyltol...	12.298	119	891	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.328	146	946	Below Cal	#	70
93)	1120-21-4!Undecane	12.955	57	631	Below Cal	#	84
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.644	146	289	Below Cal	#	25
96)	105-05-5!1,4-Diethylbe...	0.000		0	N.D.		
97)	104-51-8!n-Butylbenzene	12.724	91	247	Below Cal	#	28
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.581	67	223	Below Cal	#	22
100)	95-93-2!1,2,4,5-Tetram...	0.000		0	N.D.		
101)	120-82-1!1,2,4-Trichlo...	14.421	180	370	Below Cal	#	42
102)	91-20-3!Naphthalene	14.567	128	1133	1.75 ppb	#	85
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.865	180	338	Below Cal	#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:56:58 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : 4032817-07.D
Acq On : 1 Apr 2024 3:32 pm
Operator : JD
Sample : 4032817-07
Misc : CHEM02
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 02 16:31:37 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	4.626	168	475400	50.00 ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	583358	50.00 ppb	#	0.00
65) Chlorobenzene-d5	9.676	117	599916	50.00 ppb	#	0.01
88) 1,4-Dichlorobenzene-d4	12.292	152	406527	50.00 ppb		0.00
System Monitoring Compounds						
34) Dibromofluouromethane	4.274	113	207862	52.80 ppb		0.01
51) 1,2-Dichloroethane-d4	4.943	65	223554	54.57 ppb		0.01
76) Toluene-d8	7.972	98	677769	49.47 ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	367409	51.80 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.		
3) 75-45-6!Chlorodifluoro...	1.335	51	521	N.D.		
4) 74-87-3!Chloromethane	1.487	50	2252	1.63 ppb	#	72
5) 75-01-4!Chloroethene (...	0.000		0	N.D.		
6) 74-83-9!Bromomethane	1.743	94	2203	2.24 ppb	#	80
7) 75-00-3!Chloroethane	0.000		0	N.D.		
8) 75-69-4!Trichloromonof...	0.000		0	N.D.		
9) 60-29-7!Ethyl ether	0.000		0	N.D.		
10) 107-02-8!Acrolein	2.083	56	105	0.24 ppb	#	1
11) 67-64-1!Acetone	2.126	43	4730	Below Cal		96
12) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.		
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.		
14) 76-13-1!Freon 113	0.000		0	N.D.		
15) 70-20-9!Methyl Acetate	2.467	43	1285	0.29 ppb	#	70
16) 107-05-1!Allyl chloride	2.570	41	1833	0.58 ppb	#	54
17) 74-88-4!Methyl iodide	2.461	142	178	0.32 ppb	#	37
18) 107-13-1!Acrylonitrile	2.442	53	129	2.14 ppb	#	32
19) 75-09-2!Methylene chlo...	2.564	49	36678	5.28 ppb		93
20) 75-15-0!Carbon disulfide	2.649	76	378	1.62 ppb	#	1
21) 1634-04-4!MTBE	0.000		0	N.D.		
22) 156-60-5!trans[E]-1,2-...	2.953	61	143	1.07 ppb	#	42
23) 110-54-3!Hexane	3.331	57	29514	12.92 ppb	#	81
24) 75-34-3!1,1-Dichloroet...	3.367	63	145	N.D.		
25) 108-05-4!Vinyl acetate	3.191	43	141	Below Cal	#	75
26) 637-92-3!tert-Butyl Et...	3.878	59	142	N.D.		
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.		
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.		
29) 594-20-7!2,2-Dichlorop...	4.024	77	280	0.94 ppb	#	51
30) 74-97-5!Bromochloromet...	4.152	130	124	N.D.		
31) 67-66-3!Chloroform	4.067	83	5352	0.89 ppb		98
32) 109-99-9!Tetrahydrofuran	4.334	42	168	2.59 ppb	#	2
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
35) 994-05-8!tert-Amyl Met...	5.600	73	115	N.D.		
36) 107-06-2!1,2-Dichloroe...	5.089	62	598	N.D.		
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.		
39) 71-43-2!Benzene	5.314	78	897	N.D.		

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.743	41	403	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.409	63	127	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.719	43	262	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	6.652	83	210	N.D.		
48)	110-75-8!2-Chloroethyl...	6.743	63	116	Below Cal	#	10
49)	108-10-1!Methyl isobut...	7.370	58	113	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	7.577	75	123	N.D.		
52)	556-61-6!Vorlex	7.686	73	227	0.36 ppb	#	1
53)	108-88-3!Toluene	8.064	91	34541	2.61 ppb		97
54)	97-63-2!Ethyl methacry...	8.295	69	136	N.D.		
55)	10061-02-6!trans[E]-1,...	8.064	75	181	N.D.		
56)	111-65-9!Octane	8.477	43	161	N.D.		
57)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
58)	591-78-6!2-Hexanone	8.593	58	130	2.92 ppb	#	34
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.903	43	613	Below Cal	#	52
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.952	166	187	0.43 ppb	#	1
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.242	43	331	N.D.		
66)	108-90-7!Chlorobenzene	0.000		0	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.901	91	1388	N.D.		
69)	1330-20-7!p&m-Xylene	10.029	91	3585	0.29 ppb	#	89
70)	100-42-5!Styrene	10.436	104	523	N.D.		
71)	95-47-6!o-Xylene	10.461	91	2317	N.D.		
72)	75-25-2!Bromoform	10.521	173	1286	0.31 ppb	#	17
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	11.020	105	615	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.038	110	464	0.44 ppb	#	1
77)	124-18-5!Decane	11.695	57	123	1.97 ppb	#	1
78)	108-86-1!Bromobenzene	11.111	77	174	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	445	N.D.		
80)	95-49-8!2-Chlorotoluene	11.428	91	222	N.D.		
81)	622-96-8!p-Ethyltoluene	11.549	105	251	N.D.		
82)	106-43-4!4-Chlorotoluene	11.483	91	645	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.549	105	251	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	771	N.D.		
86)	135-98-8!sec-Butylbenzene	12.152	105	169	N.D.		
87)	5989-27-5!D-Limonene	12.298	68	349	1.60 ppb	#	1
90)	541-73-1!1,3-Dichlorob...	12.225	146	157	Below Cal	#	1
91)	99-87-6!p-Isopropyltol...	12.292	119	830	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.322	146	673	Below Cal	#	26
93)	1120-21-4!Undecane	12.961	57	1301	Below Cal	#	59
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.651	146	182	Below Cal	#	48
96)	105-05-5!1,4-Diethylbe...	0.000		0	N.D.		
97)	104-51-8!n-Butylbenzene	12.718	91	276	Below Cal	#	35
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.350	67	265	Below Cal	#	40
100)	95-93-2!1,2,4,5-Tetram...	0.000		0	N.D.		
101)	120-82-1!1,2,4-Trichlo...	14.415	180	357	Below Cal	#	54
102)	91-20-3!Naphthalene	14.561	128	1127	1.74 ppb	#	86
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.847	180	226	Below Cal	#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:57:05 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : B414026-BLK1.D
Acq On : 1 Apr 2024 12:56 pm
Operator : JD
Sample : B414026-BLK1
Misc : CHEM02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 15:39:07 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.614	168	551759	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	674002	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	677989	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	466676	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.261	113	230939	50.55	ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	250902	53.01	ppb		0.00
76) Toluene-d8	7.966	98	781924	50.50	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	423429	52.00	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	137	1.51	ppb	#	1
3) 75-45-6!Chlorodifluoro...	1.354	51	172	N.D.			
4) 74-87-3!Chloromethane	1.463	50	3662	1.87	ppb		95
5) 75-01-4!Chloroethene (...	1.621	62	123	2.72	ppb	#	1
6) 74-83-9!Bromomethane	1.737	94	4797	3.19	ppb	#	96
7) 75-00-3!Chloroethane	0.000		0	N.D.			
8) 75-69-4!Trichloromonof...	2.004	101	121	0.84	ppb	#	1
9) 60-29-7!Ethyl ether	2.157	59	259	1.53	ppb	#	14
10) 107-02-8!Acrolein	2.065	56	146	0.29	ppb	#	7
11) 67-64-1!Acetone	2.114	43	4106	Below Cal			91
12) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.			
13) 75-65-0!Tert-Butyl Alc...	2.157	59	259	1.53	ppb	#	1
14) 76-13-1!Freon 113	0.000		0	N.D.			
15) 70-20-9!Methyl Acetate	2.467	43	1847	0.35	ppb	#	80
16) 107-05-1!Allyl chloride	2.546	41	1031	0.28	ppb	#	37
17) 74-88-4!Methyl iodide	2.455	142	258	0.41	ppb	#	1
18) 107-13-1!Acrylonitrile	2.485	53	135	2.13	ppb	#	58
19) 75-09-2!Methylene chlo...	2.558	49	17771	0.66	ppb		92
20) 75-15-0!Carbon disulfide	2.649	76	422	1.62	ppb	#	1
21) 1634-04-4!MTBE	0.000		0	N.D.			
22) 156-60-5!trans[E]-1,2-...	2.923	61	293	1.09	ppb	#	57
23) 110-54-3!Hexane	3.331	57	1253	N.D.			
24) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.			
25) 108-05-4!Vinyl acetate	3.197	43	115	Below Cal		#	75
26) 637-92-3!tert-Butyl Et...	3.890	59	145	N.D.			
27) 78-93-3!2-Butanone (MEK)	3.531	72	169	Below Cal		#	49
28) 156-59-2!cis[Z]-1,2dic...	3.793	61	133	N.D.			
29) 594-20-7!2,2-Dichlorop...	3.969	77	169	0.90	ppb	#	51
30) 74-97-5!Bromochloromet...	0.000		0	N.D.			
31) 67-66-3!Chloroform	4.067	83	3129	0.45	ppb	#	94
32) 109-99-9!Tetrahydrofuran	4.286	42	341	2.71	ppb	#	23
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.			
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.			
36) 107-06-2!1,2-Dichloroe...	5.058	62	480	N.D.			
37) 563-58-6!1,1-Dichlorop...	5.204	75	127	N.D.			
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.			
39) 71-43-2!Benzene	5.308	78	542	N.D.			

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.719	41	117	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.665	63	140	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.744	43	531	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	6.658	83	137	N.D.		
48)	110-75-8!2-Chloroethyl...	7.157	63	127	Below Cal	#	12
49)	108-10-1!Methyl isobut...	0.000		0	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.693	73	142	N.D.		
53)	108-88-3!Toluene	8.052	91	1621	N.D.		
54)	97-63-2!Ethyl methacry...	8.459	69	101	N.D.		
55)	10061-02-6!trans[E]-1,...	8.106	75	181	N.D.		
56)	111-65-9!Octane	8.453	43	377	N.D.		
57)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
58)	591-78-6!2-Hexanone	8.417	58	160	2.93 ppb	#	58
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.915	43	468	Below Cal	#	43
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.928	166	108	0.41 ppb	#	1
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.236	43	194	Below Cal	#	32
66)	108-90-7!Chlorobenzene	9.706	112	331	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.889	91	740	N.D.		
69)	1330-20-7!p&m-Xylene	10.029	91	2239	N.D.		
70)	100-42-5!Styrene	10.436	104	786	N.D.		
71)	95-47-6!o-Xylene	10.455	91	440	N.D.		
72)	75-25-2!Bromoform	10.521	173	1723	0.37 ppb		95
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	10.905	105	144	N.D.		
75)	96-18-4!1,2,3-Trichlor...	0.000		0	N.D.		
77)	124-18-5!Decane	11.702	57	249	1.99 ppb	#	70
78)	108-86-1!Bromobenzene	11.166	77	543	N.D.		
79)	103-65-1!n-Propylbenzene	11.343	91	857	N.D.		
80)	95-49-8!2-Chlorotoluene	11.416	91	394	N.D.		
81)	622-96-8!p-Ethyltoluene	11.471	105	396	N.D.		
82)	106-43-4!4-Chlorotoluene	11.495	91	688	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.544	105	368	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.921	105	648	N.D.		
86)	135-98-8!sec-Butylbenzene	12.146	105	707	N.D.		
87)	5989-27-5!D-Limonene	12.347	68	180	1.51 ppb	#	13
90)	541-73-1!1,3-Dichlorob...	12.213	146	627	Below Cal	#	55
91)	99-87-6!p-Isopropyltol...	12.292	119	420	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.322	146	2095	Below Cal	#	1
93)	1120-21-4!Undecane	12.949	57	483	Below Cal	#	69
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.639	146	393	Below Cal	#	52
96)	105-05-5!1,4-Diethylbe...	12.705	119	469	0.62 ppb	#	73
97)	104-51-8!n-Butylbenzene	12.718	91	591	Below Cal	#	60
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.436	67	164	Below Cal	#	32
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	437	Below Cal	#	74
101)	120-82-1!1,2,4-Trichlo...	14.415	180	1059	Below Cal	#	87
102)	91-20-3!Naphthalene	14.555	128	2093	1.80 ppb	#	88
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.853	180	632	Below Cal	#	68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:57:23 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : B414026-BS1.D
Acq On : 1 Apr 2024 10:52 am
Operator : JD
Sample : B414026-BS1
Misc : CHEM02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 15:40:03 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.626	168	651114	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	775209	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	763903	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	587989	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.273	113	264257	49.01	ppb		0.01
51) 1,2-Dichloroethane-d4	4.943	65	263774	48.45	ppb		0.01
76) Toluene-d8	7.966	98	881840	50.55	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	509308	49.64	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	161982	39.70	ppb	#	92
3) 75-45-6!Chlorodifluoro...	1.353	51	305679	49.05	ppb	#	96
4) 74-87-3!Chloromethane	1.481	50	167677	33.33	ppb	#	99
5) 75-01-4!Chloroethene (...	1.542	62	130640	40.12	ppb	#	95
6) 74-83-9!Bromomethane	1.749	94	91692	33.90	ppb	#	93
7) 75-00-3!Chloroethane	1.804	64	93027	36.26	ppb		96
8) 75-69-4!Trichloromonof...	2.016	101	275997	40.85	ppb		99
9) 60-29-7!Ethyl ether	2.169	59	123850	47.86	ppb	#	85
10) 107-02-8!Acrolein	2.089	56	29399	49.50	ppb	#	87
11) 67-64-1!Acetone	2.126	43	80985	Below	Cal		97
12) 75-35-4!1,1-Dichloroet...	2.351	61	299613	46.88	ppb		95
13) 75-65-0!Tert-Butyl Alc...	2.169	59	123765	47.83	ppb	#	82
14) 76-13-1!Freon 113	2.357	101	204954	51.98	ppb	#	85
15) 70-20-9!Methyl Acetate	2.473	43	274641	44.67	ppb	#	89
16) 107-05-1!Allyl chloride	2.546	41	209941	48.58	ppb	#	90
17) 74-88-4!Methyl iodide	2.467	142	16161	23.13	ppb	#	90
18) 107-13-1!Acrylonitrile	2.497	53	71712	53.07	ppb	#	79
19) 75-09-2!Methylene chlo...	2.570	49	330583	48.62	ppb		95
20) 75-15-0!Carbon disulfide	2.649	76	442041	34.64	ppb		96
21) 1634-04-4!MTBE	2.917	73	601406	52.31	ppb		98
22) 156-60-5!trans[E]-1,2-...	2.947	61	274727	46.12	ppb		98
23) 110-54-3!Hexane	3.337	57	118997	38.91	ppb	#	85
24) 75-34-3!1,1-Dichloroet...	3.203	63	384146	49.69	ppb	#	98
25) 108-05-4!Vinyl acetate	3.221	43	420393	68.59	ppb	#	94
26) 637-92-3!tert-Butyl Et...	3.890	59	594788	51.43	ppb	#	83
27) 78-93-3!2-Butanone (MEK)	3.537	72	24809	57.77	ppb		97
28) 156-59-2!cis[Z]-1,2dic...	3.805	61	293146	48.75	ppb		92
29) 594-20-7!2,2-Dichlorop...	3.915	77	291816	56.62	ppb		96
30) 74-97-5!Bromochloromet...	4.109	130	139959	48.80	ppb	#	18
31) 67-66-3!Chloroform	4.073	83	425988	51.76	ppb		96
32) 109-99-9!Tetrahydrofuran	4.310	42	65759	50.09	ppb		98
33) 71-55-6!1,1,1-Trichlor...	4.772	97	349358	52.44	ppb		97
35) 994-05-8!tert-Amyl Met...	5.600	73	560364	52.14	ppb	#	84
36) 107-06-2!1,2-Dichloroe...	5.083	62	310843	49.51	ppb	#	84
37) 563-58-6!1,1-Dichlorop...	5.095	75	258354	49.22	ppb		93
38) 56-23-5!Carbon tetrach...	5.265	117	321241	52.25	ppb		97
39) 71-43-2!Benzene	5.320	78	773679	48.33	ppb		98

41)	79-01-6!Trichloroethylene	6.409	130	221992	49.88	ppb		94
42)	80-62-6!Methyl methacr...	6.707	41	255178	50.70	ppb	#	85
43)	78-87-5!1,2-Dichloropr...	6.482	63	223115	51.96	ppb		95
44)	74-95-3!Dibromomethane	6.628	174	213829	51.10	ppb	#	85
45)	79-46-9!2-Nitropropane	6.743	43	346058	51.61	ppb	#	84
46)	123-91-1!1,4 Dioxane	6.707	88	32705	515.66	ppb	#	1
47)	75-27-4!Bromodichlorom...	6.719	83	343184	54.22	ppb		97
48)	110-75-8!2-Chloroethyl...	7.242	63	79610	61.63	ppb	#	1
49)	108-10-1!Methyl isobut...	7.419	58	80979	54.03	ppb	#	72
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	341198	52.38	ppb		99
52)	556-61-6!Vorlex	7.711	73	46261	51.55	ppb	#	93
53)	108-88-3!Toluene	8.057	91	880279	50.12	ppb		95
54)	97-63-2!Ethyl methacry...	8.380	69	252497	55.54	ppb		95
55)	10061-02-6!trans[E]-1,...	8.112	75	312038	52.50	ppb		93
56)	111-65-9!Octane	8.453	43	281840	49.99	ppb		92
57)	79-00-5!1,1,2-Trichlor...	8.283	97	202830	52.38	ppb	#	89
58)	591-78-6!2-Hexanone	8.502	58	78158	50.58	ppb	#	46
59)	142-28-9!1,3-Dichlorop...	8.544	76	306367	51.57	ppb	#	92
60)	123-86-4!n-Butyl acetate	8.921	43	372428	60.02	ppb	#	61
61)	124-48-1!Dibromochloro...	8.818	129	279572	54.17	ppb	#	78
62)	127-18-4!Tetrachloroet...	8.940	166	308263	51.22	ppb	#	87
63)	106-93-4!1,2-Dibromoet...	9.067	107	206466	52.77	ppb		98
64)	111-84-2!Nonane	10.241	43	326717	52.77	ppb		94
66)	108-90-7!Chlorobenzene	9.706	112	651912	53.32	ppb		98
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	253803	56.53	ppb		97
68)	100-41-4!Ethylbenzene	9.895	91	1032907	53.00	ppb		95
69)	1330-20-7!p&m-Xylene	10.022	91	1648844	106.16	ppb		95
70)	100-42-5!Styrene	10.430	104	715214	54.48	ppb		96
71)	95-47-6!o-Xylene	10.454	91	880002	53.30	ppb		93
72)	75-25-2!Bromoform	10.521	173	282096	54.07	ppb	#	97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	295939	55.26	ppb		99
74)	98-82-8!Isopropylbenzene	10.905	105	1039407	55.42	ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.978	110	72752	54.01	ppb	#	89
77)	124-18-5!Decane	11.689	57	348737	60.53	ppb		92
78)	108-86-1!Bromobenzene	11.160	77	418681	53.68	ppb	#	82
79)	103-65-1!n-Propylbenzene	11.343	91	1286118	55.75	ppb		98
80)	95-49-8!2-Chlorotoluene	11.416	91	736730	54.47	ppb		92
81)	622-96-8!p-Ethyltoluene	11.476	105	1083921	55.48	ppb	#	59
82)	106-43-4!4-Chlorotoluene	11.489	91	911457	55.34	ppb		100
83)	108-67-8!1,3,5-Trimeth...	11.543	105	921298	55.93	ppb		97
84)	98-06-6!tert-Butylbenzene	11.896	134	189949	57.01	ppb	#	44
85)	95-63-6!1,2,4-Trimethy...	11.933	105	970478	56.38	ppb		96
86)	135-98-8!sec-Butylbenzene	12.146	105	1202837	57.38	ppb		99
87)	5989-27-5!D-Limonene	12.340	68	162331	58.26	ppb		96
90)	541-73-1!1,3-Dichlorob...	12.219	146	698211	57.28	ppb		95
91)	99-87-6!p-Isopropyltol...	12.298	119	1057017	58.02	ppb		99
92)	106-46-7!1,4-Dichlorob...	12.316	146	683115	56.63	ppb		95
93)	1120-21-4!Undecane	12.943	57	409114	63.79	ppb		93
94)	493-02-7!trans-Decahyd...	12.839	138	256219	60.00	ppb		97
95)	95-50-1!1,2-Dichlorobe...	12.644	146	698579	56.61	ppb		94
96)	105-05-5!1,4-Diethylbe...	12.711	119	636504	59.57	ppb		93
97)	104-51-8!n-Butylbenzene	12.717	91	1214779	60.38	ppb		95
98)	96-12-8!1,2-dibromo-3-...	13.326	157	82677	58.29	ppb	#	87
99)	493-01-6!cis-Decahydro...	13.435	67	263189	58.72	ppb		90
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	997033	58.13	ppb		96
101)	120-82-1!1,2,4-Trichlo...	14.409	180	602524m	65.85	ppb		
102)	91-20-3!Naphthalene	14.555	128	949440	59.45	ppb		99
103)	87-68-3!Hexachlorobuta...	14.707	225	352395	65.64	ppb		96
104)	87-61-6!1,2,3-Trichlor...	14.847	180	579978	62.36	ppb		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:57:38 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : B414026-MS1.D
Acq On : 1 Apr 2024 11:24 am
Operator : JD
Sample : B414026-MS1
Misc : CHEM02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 15:41:25 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.627	168	642953	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.868	114	753090	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	741026	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	515164	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.274	113	255518	47.99	ppb		0.01
51) 1,2-Dichloroethane-d4	4.943	65	262569	49.65	ppb		0.01
76) Toluene-d8	7.966	98	870334	51.43	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	477749	53.15	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	50423	13.53	ppb	#	95
3) 75-45-6!Chlorodifluoro...	1.354	51	58449	9.50	ppb	#	96
4) 74-87-3!Chloromethane	1.475	50	58798	12.51	ppb		99
5) 75-01-4!Chloroethene (...	1.542	62	43403	14.67	ppb	#	94
6) 74-83-9!Bromomethane	1.749	94	22488	9.30	ppb		95
7) 75-00-3!Chloroethane	1.798	64	29027	10.96	ppb	#	93
8) 75-69-4!Trichloromonof...	2.017	101	54191	8.78	ppb		99
9) 60-29-7!Ethyl ether	2.169	59	18449	8.42	ppb	#	84
10) 107-02-8!Acrolein	2.084	56	739	1.26	ppb	#	49
11) 67-64-1!Acetone	2.126	43	19389	Below Cal			92
12) 75-35-4!1,1-Dichloroet...	2.351	61	35757	7.14	ppb		92
13) 75-65-0!Tert-Butyl Alc...	2.169	59	18449	8.42	ppb	#	87
14) 76-13-1!Freon 113	2.357	101	19603	5.03	ppb	#	88
15) 70-20-9!Methyl Acetate	2.473	43	52335	8.62	ppb	#	89
16) 107-05-1!Allyl chloride	2.540	41	30610	7.17	ppb	#	89
17) 74-88-4!Methyl iodide	2.467	142	3596	4.92	ppb	#	78
18) 107-13-1!Acrylonitrile	2.497	53	10722	9.75	ppb	#	75
19) 75-09-2!Methylene chlo...	2.564	49	65039	7.73	ppb		94
20) 75-15-0!Carbon disulfide	2.649	76	32492	4.04	ppb	#	91
21) 1634-04-4!MTBE	2.911	73	84165	7.37	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.947	61	31974	6.35	ppb		98
23) 110-54-3!Hexane	3.337	57	9886	2.86	ppb	#	76
24) 75-34-3!1,1-Dichloroet...	3.203	63	52339	6.86	ppb	#	97
25) 108-05-4!Vinyl acetate	3.209	43	1541	Below Cal		#	92
26) 637-92-3!tert-Butyl Et...	3.890	59	80007	7.01	ppb	#	84
27) 78-93-3!2-Butanone (MEK)	3.538	72	3447	7.14	ppb		97
28) 156-59-2!cis[Z]-1,2dic...	3.805	61	36283	6.11	ppb		94
29) 594-20-7!2,2-Dichlorop...	3.915	77	36129	7.86	ppb		96
30) 74-97-5!Bromochloromet...	4.109	130	17967	6.34	ppb	#	76
31) 67-66-3!Chloroform	4.073	83	55874	6.88	ppb		97
32) 109-99-9!Tetrahydrofuran	4.310	42	9666	9.52	ppb		95
33) 71-55-6!1,1,1-Trichlor...	4.773	97	35279	5.36	ppb	#	89
35) 994-05-8!tert-Amyl Met...	5.600	73	73127	6.89	ppb	#	84
36) 107-06-2!1,2-Dichloroe...	5.083	62	40022	6.46	ppb	#	88
37) 563-58-6!1,1-Dichlorop...	5.095	75	23366	4.51	ppb	#	91
38) 56-23-5!Carbon tetrach...	5.265	117	26588	5.72	ppb	#	94
39) 71-43-2!Benzene	5.320	78	86994	5.50	ppb		98

41)	79-01-6!Trichloroethylene	6.409	130	19870	4.60	ppb		96
42)	80-62-6!Methyl methacr...	6.707	41	30204	6.18	ppb	#	84
43)	78-87-5!1,2-Dichloropr...	6.482	63	27055	6.49	ppb		90
44)	74-95-3!Dibromomethane	6.634	174	23966	6.79	ppb	#	85
45)	79-46-9!2-Nitropropane	6.744	43	11502	1.77	ppb	#	1
46)	123-91-1!1,4 Dioxane	6.707	88	4523	73.41	ppb	#	1
47)	75-27-4!Bromodichlorom...	6.719	83	35665	5.80	ppb		97
48)	110-75-8!2-Chloroethyl...	7.242	63	7543	5.09	ppb	#	1
49)	108-10-1!Methyl isobut...	7.419	58	9221	6.33	ppb	#	66
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	30733	4.86	ppb		96
52)	556-61-6!Vorlex	7.711	73	2939	3.62	ppb	#	71
53)	108-88-3!Toluene	8.058	91	74906	4.39	ppb		92
54)	97-63-2!Ethyl methacry...	8.380	69	8799	1.99	ppb	#	88
55)	10061-02-6!trans[E]-1,...	8.112	75	27043	4.68	ppb		93
56)	111-65-9!Octane	8.459	43	9647	1.80	ppb		92
57)	79-00-5!1,1,2-Trichlor...	8.289	97	20938	5.57	ppb	#	90
58)	591-78-6!2-Hexanone	8.502	58	8203	7.98	ppb	#	50
59)	142-28-9!1,3-Dichlorop...	8.544	76	32756	5.68	ppb	#	89
60)	123-86-4!n-Butyl acetate	8.922	43	6565	0.93	ppb	#	69
61)	124-48-1!Dibromochloro...	8.818	129	23391	4.67	ppb	#	78
62)	127-18-4!Tetrachloroet...	8.940	166	19251	3.66	ppb	#	88
63)	106-93-4!1,2-Dibromoet...	9.068	107	20001	5.26	ppb		95
64)	111-84-2!Nonane	10.242	43	8162	1.29	ppb	#	92
66)	108-90-7!Chlorobenzene	9.706	112	44531	3.75	ppb		95
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	18360	4.22	ppb	#	88
68)	100-41-4!Ethylbenzene	9.895	91	65443	3.46	ppb		94
69)	1330-20-7!p&m-Xylene	10.023	91	95784	6.36	ppb		93
70)	100-42-5!Styrene	10.430	104	39414	3.09	ppb		94
71)	95-47-6!o-Xylene	10.455	91	52144	3.26	ppb		94
72)	75-25-2!Bromoform	10.521	173	22140	4.37	ppb		95
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	22649	4.36	ppb		99
74)	98-82-8!Isopropylbenzene	10.905	105	49380	2.71	ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.978	110	6678	5.11	ppb	#	97
77)	124-18-5!Decane	11.683	57	6028	2.99	ppb	#	84
78)	108-86-1!Bromobenzene	11.166	77	22299	2.95	ppb	#	80
79)	103-65-1!n-Propylbenzene	11.349	91	55070	2.46	ppb		99
80)	95-49-8!2-Chlorotoluene	11.416	91	32494	2.48	ppb		92
81)	622-96-8!p-Ethyltoluene	11.477	105	46132	2.43	ppb	#	56
82)	106-43-4!4-Chlorotoluene	11.489	91	40810	2.55	ppb		97
83)	108-67-8!1,3,5-Trimeth...	11.544	105	36626	2.29	ppb		99
84)	98-06-6!tert-Butylbenzene	11.896	134	7769	2.40	ppb	#	48
85)	95-63-6!1,2,4-Trimethy...	11.927	105	40926	2.45	ppb		92
86)	135-98-8!sec-Butylbenzene	12.146	105	44323	2.18	ppb	#	97
87)	5989-27-5!D-Limonene	12.340	68	5397	3.39	ppb	#	96
90)	541-73-1!1,3-Dichlorob...	12.219	146	27412	1.87	ppb		93
91)	99-87-6!p-Isopropyltol...	12.298	119	40434	2.63	ppb	#	89
92)	106-46-7!1,4-Dichlorob...	12.316	146	30744	2.21	ppb	#	87
93)	1120-21-4!Undecane	12.949	57	4933	N.D.			
94)	493-02-7!trans-Decahyd...	12.845	138	7250	1.27	ppb		91
95)	95-50-1!1,2-Dichlorobe...	12.645	146	27504	2.19	ppb		93
96)	105-05-5!1,4-Diethylbe...	12.712	119	21454	2.84	ppb	#	85
97)	104-51-8!n-Butylbenzene	12.718	91	46354	2.54	ppb		91
98)	96-12-8!1,2-dibromo-3-...	13.326	157	5381	5.08	ppb	#	89
99)	493-01-6!cis-Decahydro...	13.429	67	7519	0.93	ppb		93
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	31560	1.97	ppb	#	96
101)	120-82-1!1,2,4-Trichlo...	14.409	180	21425	0.52	ppb	#	93
102)	91-20-3!Naphthalene	14.555	128	41412	4.52	ppb		97
103)	87-68-3!Hexachlorobuta...	14.701	225	11329	1.07	ppb		97
104)	87-61-6!1,2,3-Trichlor...	14.847	180	20736	2.36	ppb		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:57:48 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : B414026-MSD1.D
Acq On : 1 Apr 2024 11:54 am
Operator : JD
Sample : B414026-MSD1
Misc : CHEM02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 15:41:46 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.626	168	587732	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.868	114	707339	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	705222	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	493218	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.268	113	246089	50.57	ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	254510	51.24	ppb		0.00
76) Toluene-d8	7.966	98	814565	50.58	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	453115	52.65	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.366	85	74188	20.87	ppb	#	87
3) 75-45-6!Chlorodifluoro...	1.347	51	226463	40.26	ppb		97
4) 74-87-3!Chloromethane	1.475	50	96378	21.60	ppb		97
5) 75-01-4!Chloroethene (...	1.536	62	68913	23.87	ppb	#	97
6) 74-83-9!Bromomethane	1.743	94	45015	18.97	ppb		95
7) 75-00-3!Chloroethane	1.798	64	51951	22.16	ppb		95
8) 75-69-4!Trichloromonof...	2.011	101	85970	14.63	ppb	#	99
9) 60-29-7!Ethyl ether	2.163	59	78138	33.88	ppb	#	81
10) 107-02-8!Acrolein	2.084	56	1849	3.45	ppb	#	58
11) 67-64-1!Acetone	2.120	43	60134	Below Cal			97
12) 75-35-4!1,1-Dichloroet...	2.345	61	167197	29.63	ppb		95
13) 75-65-0!Tert-Butyl Alc...	2.163	59	78138	33.88	ppb	#	84
14) 76-13-1!Freon 113	2.357	101	87803	24.67	ppb	#	84
15) 70-20-9!Methyl Acetate	2.467	43	251446	45.31	ppb	#	88
16) 107-05-1!Allyl chloride	2.540	41	128663	32.98	ppb	#	88
17) 74-88-4!Methyl iodide	2.461	142	6544	9.94	ppb	#	81
18) 107-13-1!Acrylonitrile	2.491	53	43411	36.26	ppb	#	79
19) 75-09-2!Methylene chlo...	2.564	49	215083	34.51	ppb		97
20) 75-15-0!Carbon disulfide	2.643	76	142984	13.43	ppb		99
21) 1634-04-4!MTBE	2.911	73	378335	36.69	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.941	61	138708	26.25	ppb		98
23) 110-54-3!Hexane	3.331	57	31323	11.03	ppb	#	87
24) 75-34-3!1,1-Dichloroet...	3.197	63	231370	33.16	ppb	#	97
25) 108-05-4!Vinyl acetate	3.203	43	1633	Below Cal		#	87
26) 637-92-3!tert-Butyl Et...	3.884	59	368403	35.29	ppb	#	84
27) 78-93-3!2-Butanone (MEK)	3.538	72	13525	34.96	ppb		82
28) 156-59-2!cis[Z]-1,2dic...	3.805	61	161599	29.77	ppb		93
29) 594-20-7!2,2-Dichlorop...	3.909	77	165445	35.89	ppb		96
30) 74-97-5!Bromochloromet...	4.109	130	82718	31.95	ppb	#	18
31) 67-66-3!Chloroform	4.067	83	240779	32.41	ppb	#	96
32) 109-99-9!Tetrahydrofuran	4.304	42	40882	35.25	ppb		97
33) 71-55-6!1,1,1-Trichlor...	4.766	97	170979	28.43	ppb		96
35) 994-05-8!tert-Amyl Met...	5.600	73	333478	34.38	ppb	#	85
36) 107-06-2!1,2-Dichloroe...	5.077	62	177535	31.33	ppb	#	86
37) 563-58-6!1,1-Dichlorop...	5.095	75	108653	22.93	ppb		92
38) 56-23-5!Carbon tetrach...	5.259	117	128198	23.92	ppb		98
39) 71-43-2!Benzene	5.320	78	412221	28.53	ppb		98

41)	79-01-6!Trichloroethylene	6.403	130	92437	22.76 ppb		94
42)	80-62-6!Methyl methacr...	6.701	41	154755	33.70 ppb	#	90
43)	78-87-5!1,2-Dichloropr...	6.476	63	119407	30.47 ppb		95
44)	74-95-3!Dibromomethane	6.628	174	111111	29.53 ppb		86
45)	79-46-9!2-Nitropropane	6.744	43	41517	6.79 ppb	#	1
46)	123-91-1!1,4 Dioxane	6.707	88	19754	341.34 ppb	#	71
47)	75-27-4!Bromodichlorom...	6.719	83	168614	29.20 ppb		94
48)	110-75-8!2-Chloroethyl...	7.242	63	37692	31.49 ppb	#	1
49)	108-10-1!Methyl isobut...	7.413	58	42347	30.96 ppb	#	62
50)	10061-01-5!cis[Z]-1,3-...	7.486	75	144721	24.35 ppb		98
52)	556-61-6!Vorlex	7.711	73	17576	22.40 ppb	#	93
53)	108-88-3!Toluene	8.058	91	356448	22.24 ppb		95
54)	97-63-2!Ethyl methacry...	8.380	69	32627	7.87 ppb		92
55)	10061-02-6!trans[E]-1,...	8.106	75	130846	24.13 ppb		93
56)	111-65-9!Octane	8.453	43	32557	6.45 ppb	#	91
57)	79-00-5!1,1,2-Trichlor...	8.283	97	104232	29.50 ppb	#	91
58)	591-78-6!2-Hexanone	8.502	58	38545	28.63 ppb	#	53
59)	142-28-9!1,3-Dichlorop...	8.544	76	157142	28.99 ppb	#	92
60)	123-86-4!n-Butyl acetate	8.921	43	14681	2.61 ppb	#	65
61)	124-48-1!Dibromochloro...	8.818	129	118587	25.18 ppb	#	77
62)	127-18-4!Tetrachloroet...	8.940	166	88634	16.41 ppb	#	86
63)	106-93-4!1,2-Dibromoet...	9.067	107	94646	26.51 ppb		100
64)	111-84-2!Nonane	10.242	43	26592	4.65 ppb	#	89
66)	108-90-7!Chlorobenzene	9.706	112	207346	18.37 ppb		99
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	90734	21.89 ppb		95
68)	100-41-4!Ethylbenzene	9.895	91	306044	17.01 ppb		93
69)	1330-20-7!p&m-Xylene	10.023	91	457103	31.88 ppb		96
70)	100-42-5!Styrene	10.430	104	195218	16.11 ppb		95
71)	95-47-6!o-Xylene	10.455	91	252583	16.57 ppb		94
72)	75-25-2!Bromoform	10.521	173	99678	20.69 ppb		97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	108148	21.87 ppb		98
74)	98-82-8!Isopropylbenzene	10.905	105	229493	13.25 ppb		96
75)	96-18-4!1,2,3-Trichlor...	10.978	110	31974	25.71 ppb	#	89
77)	124-18-5!Decane	11.689	57	16654	4.98 ppb	#	89
78)	108-86-1!Bromobenzene	11.160	77	105981	14.72 ppb	#	81
79)	103-65-1!n-Propylbenzene	11.343	91	248881	11.69 ppb		97
80)	95-49-8!2-Chlorotoluene	11.416	91	153765	12.32 ppb		92
81)	622-96-8!p-Ethyltoluene	11.477	105	212731	11.80 ppb	#	58
82)	106-43-4!4-Chlorotoluene	11.489	91	184930	12.16 ppb		100
83)	108-67-8!1,3,5-Trimeth...	11.543	105	177137	11.65 ppb		94
84)	98-06-6!tert-Butylbenzene	11.896	134	33506	10.89 ppb	#	60
85)	95-63-6!1,2,4-Trimethy...	11.927	105	186952	11.76 ppb		92
86)	135-98-8!sec-Butylbenzene	12.146	105	176796	9.13 ppb		97
87)	5989-27-5!D-Limonene	12.340	68	21388	9.55 ppb		93
90)	541-73-1!1,3-Dichlorob...	12.219	146	129028	12.05 ppb		96
91)	99-87-6!p-Isopropyltol...	12.298	119	157933	10.42 ppb		96
92)	106-46-7!1,4-Dichlorob...	12.316	146	124211	11.70 ppb		95
93)	1120-21-4!Undecane	12.949	57	11822	1.53 ppb	#	88
94)	493-02-7!trans-Decahyd...	12.839	138	24981	6.36 ppb		91
95)	95-50-1!1,2-Dichlorobe...	12.645	146	122777	11.57 ppb		93
96)	105-05-5!1,4-Diethylbe...	12.712	119	90044	10.52 ppb		94
97)	104-51-8!n-Butylbenzene	12.718	91	164191	9.65 ppb		94
98)	96-12-8!1,2-dibromo-3-...	13.326	157	24802	21.36 ppb		89
99)	493-01-6!cis-Decahydro...	13.435	67	27410	6.40 ppb	#	86
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	135913	9.34 ppb		96
101)	120-82-1!1,2,4-Trichlo...	14.409	180	69968	7.19 ppb	#	89
102)	91-20-3!Naphthalene	14.555	128	125637	10.76 ppb		97
103)	87-68-3!Hexachlorobuta...	14.701	225	38482	7.34 ppb		98
104)	87-61-6!1,2,3-Trichlor...	14.847	180	62384	7.83 ppb		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:57:59 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : S414001-CCV1.D
Acq On : 1 Apr 2024 10:22 am
Operator : JD
Sample : S414001-CCV1
Misc : CHEM02
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 01 10:45:13 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.620	168	632885	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	770545	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.664	117	782924	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.286	152	583727	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.261	113	264630	50.50	ppb		0.00
51) 1,2-Dichloroethane-d4	4.931	65	264749	48.92	ppb		0.00
76) Toluene-d8	7.966	98	895813	50.10	ppb		0.00
89) 4-Bromofluourobenzene	11.014	174	517874	50.85	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.366	85	215847	53.88	ppb	#	94
3) 75-45-6!Chlorodifluoro...	1.341	51	323976	53.49	ppb	#	96
4) 74-87-3!Chloromethane	1.469	50	206218	41.90	ppb		99
5) 75-01-4!Chloroethene (...	1.530	62	176839	56.61	ppb	#	98
6) 74-83-9!Bromomethane	1.737	94	105370	39.86	ppb		97
7) 75-00-3!Chloroethane	1.792	64	124999	50.41	ppb		96
8) 75-69-4!Trichloromonof...	2.004	101	361289	54.74	ppb		99
9) 60-29-7!Ethyl ether	2.157	59	124052	49.27	ppb	#	83
10) 107-02-8!Acrolein	2.077	56	28989	50.22	ppb	#	85
11) 67-64-1!Acetone	2.120	43	74870	Below Cal			91
12) 75-35-4!1,1-Dichloroet...	2.339	61	309720	49.75	ppb		94
13) 75-65-0!Tert-Butyl Alc...	2.157	59	124052	49.27	ppb	#	82
14) 76-13-1!Freon 113	2.351	101	222401	58.03	ppb	#	84
15) 70-20-9!Methyl Acetate	2.461	43	270371	45.24	ppb	#	88
16) 107-05-1!Allyl chloride	2.534	41	226297	53.87	ppb	#	89
17) 74-88-4!Methyl iodide	2.461	142	16577	24.52	ppb	#	89
18) 107-13-1!Acrylonitrile	2.485	53	68873	52.46	ppb	#	79
19) 75-09-2!Methylene chlo...	2.558	49	334446	50.66	ppb		95
20) 75-15-0!Carbon disulfide	2.637	76	463076	37.21	ppb		98
21) 1634-04-4!MTBE	2.905	73	610482	54.57	ppb		98
22) 156-60-5!trans[E]-1,2-...	2.935	61	290374	50.06	ppb		98
23) 110-54-3!Hexane	3.325	57	143151	48.26	ppb		88
24) 75-34-3!1,1-Dichloroet...	3.197	63	397930	52.96	ppb	#	98
25) 108-05-4!Vinyl acetate	3.209	43	424039	70.96	ppb	#	94
26) 637-92-3!tert-Butyl Et...	3.878	59	606127	53.92	ppb	#	82
27) 78-93-3!2-Butanone (MEK)	3.531	72	23085	55.35	ppb		89
28) 156-59-2!cis[Z]-1,2dic...	3.799	61	309693	52.98	ppb		93
29) 594-20-7!2,2-Dichlorop...	3.902	77	313716	62.53	ppb		96
30) 74-97-5!Bromochloromet...	4.097	130	145166	52.07	ppb	#	26
31) 67-66-3!Chloroform	4.061	83	433340	54.17	ppb	#	97
32) 109-99-9!Tetrahydrofuran	4.298	42	66786	52.23	ppb		98
33) 71-55-6!1,1,1-Trichlor...	4.760	97	367598	56.77	ppb		98
35) 994-05-8!tert-Amyl Met...	5.594	73	568047	54.38	ppb	#	84
36) 107-06-2!1,2-Dichloroe...	5.077	62	315968	51.78	ppb	#	84
37) 563-58-6!1,1-Dichlorop...	5.083	75	271983	53.31	ppb		93
38) 56-23-5!Carbon tetrach...	5.253	117	339988	56.77	ppb		98
39) 71-43-2!Benzene	5.314	78	804658	51.72	ppb		98

41)	79-01-6!Trichloroethylene	6.397	130	237358	53.65	ppb		96
42)	80-62-6!Methyl methacr...	6.701	41	247598	49.50	ppb	#	86
43)	78-87-5!1,2-Dichloropr...	6.470	63	228214	53.46	ppb		94
44)	74-95-3!Dibromomethane	6.622	174	213898	51.42	ppb		86
45)	79-46-9!2-Nitropropane	6.737	43	344059	51.62	ppb	#	83
46)	123-91-1!1,4 Dioxane	6.713	88	31204	494.97	ppb	#	1
47)	75-27-4!Bromodichlorom...	6.713	83	347632	55.26	ppb		96
48)	110-75-8!2-Chloroethyl...	7.236	63	81103	63.20	ppb	#	1
49)	108-10-1!Methyl isobut...	7.413	58	78799	52.89	ppb	#	71
50)	10061-01-5!cis[Z]-1,3-...	7.486	75	356592	55.08	ppb		98
52)	556-61-6!Vorlex	7.711	73	44903	50.42	ppb	#	95
53)	108-88-3!Toluene	8.058	91	914491	52.38	ppb		95
54)	97-63-2!Ethyl methacry...	8.374	69	248954	55.10	ppb		95
55)	10061-02-6!trans[E]-1,...	8.106	75	316867	53.63	ppb		93
56)	111-65-9!Octane	8.453	43	330731	58.79	ppb		93
57)	79-00-5!1,1,2-Trichlor...	8.283	97	207316	53.86	ppb	#	91
58)	591-78-6!2-Hexanone	8.502	58	75917	49.49	ppb	#	44
59)	142-28-9!1,3-Dichlorop...	8.538	76	310451	52.58	ppb	#	93
60)	123-86-4!n-Butyl acetate	8.915	43	359814	58.49	ppb	#	61
61)	124-48-1!Dibromochloro...	8.818	129	282241	55.02	ppb	#	78
62)	127-18-4!Tetrachloroet...	8.934	166	338618	56.57	ppb	#	86
63)	106-93-4!1,2-Dibromoet...	9.067	107	209485	53.86	ppb		99
64)	111-84-2!Nonane	10.236	43	393052	63.88	ppb		93
66)	108-90-7!Chlorobenzene	9.706	112	683842	54.57	ppb		97
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	258414	56.16	ppb		98
68)	100-41-4!Ethylbenzene	9.895	91	1101452	55.14	ppb		94
69)	1330-20-7!p&m-Xylene	10.023	91	1743063	109.50	ppb		95
70)	100-42-5!Styrene	10.430	104	736588	54.74	ppb		96
71)	95-47-6!o-Xylene	10.454	91	919642	54.34	ppb		93
72)	75-25-2!Bromoform	10.521	173	282069	52.75	ppb	#	97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	284653	51.86	ppb		99
74)	98-82-8!Isopropylbenzene	10.899	105	1087681	56.59	ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.972	110	71061	51.47	ppb	#	86
77)	124-18-5!Decane	11.689	57	401418	67.74	ppb		93
78)	108-86-1!Bromobenzene	11.160	77	422716	52.88	ppb	#	80
79)	103-65-1!n-Propylbenzene	11.343	91	1368033	57.86	ppb		98
80)	95-49-8!2-Chlorotoluene	11.416	91	773075	55.77	ppb		93
81)	622-96-8!p-Ethyltoluene	11.477	105	1153397	57.61	ppb	#	60
82)	106-43-4!4-Chlorotoluene	11.489	91	963438	57.07	ppb		99
83)	108-67-8!1,3,5-Trimeth...	11.543	105	977577	57.90	ppb		95
84)	98-06-6!tert-Butylbenzene	11.896	134	198037	57.99	ppb	#	54
85)	95-63-6!1,2,4-Trimethy...	11.927	105	1008971	57.19	ppb		97
86)	135-98-8!sec-Butylbenzene	12.146	105	1282005	59.67	ppb		99
87)	5989-27-5!D-Limonene	12.340	68	181706	63.49	ppb		96
90)	541-73-1!1,3-Dichlorob...	12.219	146	727629	60.17	ppb		95
91)	99-87-6!p-Isopropyltol...	12.298	119	1135668	62.79	ppb		98
92)	106-46-7!1,4-Dichlorob...	12.316	146	716915	59.90	ppb		95
93)	1120-21-4!Undecane	12.943	57	458927	72.17	ppb		94
94)	493-02-7!trans-Decahyd...	12.839	138	291507	68.86	ppb		97
95)	95-50-1!1,2-Dichlorobe...	12.639	146	712337	58.16	ppb		93
96)	105-05-5!1,4-Diethylbe...	12.712	119	676136	63.71	ppb		92
97)	104-51-8!n-Butylbenzene	12.718	91	1322373	66.22	ppb		95
98)	96-12-8!1,2-dibromo-3-...	13.320	157	73387	52.20	ppb	#	84
99)	493-01-6!cis-Decahydro...	13.435	67	272428	61.27	ppb		89
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	977586	57.41	ppb		96
101)	120-82-1!1,2,4-Trichlo...	14.409	180	586046	64.47	ppb	#	92
102)	91-20-3!Naphthalene	14.555	128	858872	54.32	ppb		99
103)	87-68-3!Hexachlorobuta...	14.701	225	369223	69.35	ppb		97
104)	87-61-6!1,2,3-Trichlor...	14.847	180	565985	61.30	ppb		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:58:10 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : S414001-IBL1.D
Acq On : 1 Apr 2024 9:40 am
Operator : JD
Sample : S414001-IBL1
Misc : CHEM02
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 10:44:45 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.608	168	634403	50.00	ppb		#-0.01
40) 1,4-Difluourobenzene	5.855	114	760745	50.00	ppb		# 0.00
65) Chlorobenzene-d5	9.663	117	737003	50.00	ppb		# 0.00
88) 1,4-Dichlorobenzene-d4	12.286	152	527314	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.255	113	250630	47.71	ppb		0.00
51) 1,2-Dichloroethane-d4	4.930	65	258258	48.34	ppb		0.00
76) Toluene-d8	7.960	98	853089	50.69	ppb		0.00
89) 4-Bromofluourobenzene	11.014	174	477120	51.86	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.			
3) 75-45-6!Chlorodifluoro...	1.335	51	1039	N.D.			
4) 74-87-3!Chloromethane	1.463	50	4272	1.88	ppb	#	93
5) 75-01-4!Chloroethene (...	1.572	62	150	2.73	ppb	#	1
6) 74-83-9!Bromomethane	1.737	94	2765	2.18	ppb	#	76
7) 75-00-3!Chloroethane	0.000		0	N.D.			
8) 75-69-4!Trichloromonof...	0.000		0	N.D.			
9) 60-29-7!Ethyl ether	0.000		0	N.D.			
10) 107-02-8!Acrolein	2.242	56	132	0.23	ppb	#	1
11) 67-64-1!Acetone	2.120	43	8932	Below Cal			98
12) 75-35-4!1,1-Dichloroet...	2.375	61	130	1.70	ppb	#	26
13) 75-65-0!Tert-Butyl Alc...	2.363	59	10740	5.55	ppb	#	83
14) 76-13-1!Freon 113	0.000		0	N.D.			
15) 70-20-9!Methyl Acetate	2.461	43	2614	0.44	ppb	#	83
16) 107-05-1!Allyl chloride	2.546	41	1290	0.31	ppb	#	37
17) 74-88-4!Methyl iodide	2.454	142	166	0.23	ppb	#	16
18) 107-13-1!Acrylonitrile	2.515	53	349	2.27	ppb	#	1
19) 75-09-2!Methylene chlo...	2.552	49	15678	Below Cal			97
20) 75-15-0!Carbon disulfide	2.643	76	350	1.61	ppb	#	1
21) 1634-04-4!MTBE	2.905	73	205	Below Cal		#	1
22) 156-60-5!trans[E]-1,2-...	2.935	61	480	1.12	ppb	#	46
23) 110-54-3!Hexane	3.318	57	1319	Below Cal		#	61
24) 75-34-3!1,1-Dichloroet...	3.288	63	118	N.D.			
25) 108-05-4!Vinyl acetate	3.191	43	286	Below Cal		#	75
26) 637-92-3!tert-Butyl Et...	3.878	59	208	N.D.			
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.			
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.			
29) 594-20-7!2,2-Dichlorop...	4.030	77	210	0.91	ppb	#	38
30) 74-97-5!Bromochloromet...	0.000		0	N.D.			
31) 67-66-3!Chloroform	4.067	83	1123	N.D.			
32) 109-99-9!Tetrahydrofuran	4.298	42	288	2.63	ppb	#	60
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.			
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.			
36) 107-06-2!1,2-Dichloroe...	5.070	62	640	N.D.			
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.			
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.			
39) 71-43-2!Benzene	5.308	78	800	N.D.			

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.719	41	308	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.427	63	125	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.743	43	467	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	0.000		0	N.D.		
48)	110-75-8!2-Chloroethyl...	7.072	63	196	Below Cal	#	68
49)	108-10-1!Methyl isobut...	0.000		0	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.668	73	166	N.D.		
53)	108-88-3!Toluene	8.057	91	2802	N.D.		
54)	97-63-2!Ethyl methacry...	8.416	69	140	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.447	43	554	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.337	97	110	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.903	43	460	Below Cal	#	1
61)	124-48-1!Dibromochloro...	8.921	129	160	N.D.		
62)	127-18-4!Tetrachloroet...	8.933	166	470	0.47 ppb	#	1
63)	106-93-4!1,2-Dibromoet...	9.025	107	113	N.D.		
64)	111-84-2!Nonane	10.211	43	1037	N.D.		
66)	108-90-7!Chlorobenzene	0.000		0	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.895	91	1312	N.D.		
69)	1330-20-7!p&m-Xylene	10.016	91	4264	0.28 ppb	#	91
70)	100-42-5!Styrene	10.418	104	519	N.D.		
71)	95-47-6!o-Xylene	10.454	91	1709	N.D.		
72)	75-25-2!Bromoform	10.515	173	6184	1.23 ppb	#	83
73)	79-34-5!1,1,2,2-Tetrac...	10.825	83	256	N.D.		
74)	98-82-8!Isopropylbenzene	10.905	105	487	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.008	110	764	0.59 ppb	#	1
77)	124-18-5!Decane	11.689	57	596	2.05 ppb	#	34
78)	108-86-1!Bromobenzene	11.154	77	500	N.D.		
79)	103-65-1!n-Propylbenzene	11.336	91	1478	N.D.		
80)	95-49-8!2-Chlorotoluene	11.416	91	874	N.D.		
81)	622-96-8!p-Ethyltoluene	11.464	105	801	N.D.		
82)	106-43-4!4-Chlorotoluene	11.476	91	719	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.543	105	599	N.D.		
84)	98-06-6!tert-Butylbenzene	11.908	134	152	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.927	105	1881	N.D.		
86)	135-98-8!sec-Butylbenzene	12.133	105	780	N.D.		
87)	5989-27-5!D-Limonene	12.346	68	729	1.70 ppb	#	17
90)	541-73-1!1,3-Dichlorob...	12.213	146	752	Below Cal	#	63
91)	99-87-6!p-Isopropyltol...	12.298	119	2668	0.26 ppb	#	1
92)	106-46-7!1,4-Dichlorob...	12.322	146	2838	Below Cal	#	32
93)	1120-21-4!Undecane	12.943	57	604	Below Cal	#	7
94)	493-02-7!trans-Decahyd...	12.863	138	116	Below Cal	#	1
95)	95-50-1!1,2-Dichlorobe...	12.632	146	564	Below Cal	#	45
96)	105-05-5!1,4-Diethylbe...	12.693	119	140	0.58 ppb	#	1
97)	104-51-8!n-Butylbenzene	12.711	91	1332	Below Cal	#	53
98)	96-12-8!1,2-dibromo-3-...	13.301	157	119	0.90 ppb	#	15
99)	493-01-6!cis-Decahydro...	13.429	67	936	Below Cal	#	52
100)	95-93-2!1,2,4,5-Tetram...	13.490	119	622	Below Cal	#	1
101)	120-82-1!1,2,4-Trichlo...	14.409	180	866	Below Cal	#	83
102)	91-20-3!Naphthalene	14.549	128	4215	1.93 ppb	#	79
103)	87-68-3!Hexachlorobuta...	14.737	225	221	Below Cal	#	1
104)	87-61-6!1,2,3-Trichlor...	14.841	180	1099	Below Cal		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 14:58:27 2024

BFB

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : S414001-TUN1.D
Acq On : 1 Apr 2024 9:06 am
Operator : JD
Sample : S414001-TUN1
Misc : CHEM02
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Title : EPA 8260 Multi point calibration
Last Update : Fri Mar 29 14:47:02 2024

AutoFind: Scans 1796, 1797, 1798; Background Corrected with Scan 1788

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	174	50	200	74.5	188437	PASS
96	95	5	9	6.5	12323	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	134.2	252971	PASS
175	174	5	9	7.9	20027	PASS
176	174	95	105	96.4	243861	PASS
177	176	5	10	6.7	16452	PASS

ADDCMPDS03262024.M Wed Apr 10 14:58:40 2024

BFB

Data Path : C:\msdchem\1\data\2024\04 2024\0401\
Data File : S414001-TUN2.D
Acq On : 1 Apr 2024 12:25 pm
Operator : JD
Sample : S414001-TUN2
Misc : CHEM02
ALS Vial : 7 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Title : EPA 8260 Multi point calibration
Last Update : Fri Mar 29 14:47:02 2024

AutoFind: Scans 1796, 1797, 1798; Background Corrected with Scan 1789

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	174	50	200	78.3	212096	PASS
96	95	5	9	7.0	14778	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	127.8	270976	PASS
175	174	5	9	8.1	21824	PASS
176	174	95	105	95.5	258795	PASS
177	176	5	10	6.9	17781	PASS

ADDCMPDS03262024.M Wed Apr 10 14:59:09 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : 4032817-08.D
Acq On : 2 Apr 2024 3:37 pm
Operator : JD
Sample : 4032817-08
Misc : CHEM02
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 03 12:37:06 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	4.632	168	589381	50.00 ppb	#	0.01
40) 1,4-Difluourobenzene	5.874	114	705296	50.00 ppb	#	0.01
65) Chlorobenzene-d5	9.676	117	723049	50.00 ppb	#	0.01
88) 1,4-Dichlorobenzene-d4	12.292	152	500547	50.00 ppb		0.00
System Monitoring Compounds						
34) Dibromofluouromethane	4.280	113	246202	50.45 ppb		0.02
51) 1,2-Dichloroethane-d4	4.955	65	261450	52.78 ppb		0.02
76) Toluene-d8	7.972	98	820918	49.72 ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	454907	52.09 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.		
3) 75-45-6!Chlorodifluoro...	1.347	51	257	N.D.		
4) 74-87-3!Chloromethane	1.481	50	3312	1.74 ppb	#	94
5) 75-01-4!Chloroethene (...	1.572	62	236	2.75 ppb	#	1
6) 74-83-9!Bromomethane	1.755	94	3922	2.71 ppb	#	79
7) 75-00-3!Chloroethane	0.000		0	N.D.		
8) 75-69-4!Trichloromonof...	0.000		0	N.D.		
9) 60-29-7!Ethyl ether	2.169	59	212	1.51 ppb	#	1
10) 107-02-8!Acrolein	1.907	56	137	0.25 ppb	#	11
11) 67-64-1!Acetone	2.132	43	10972	Below Cal		93
12) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.		
13) 75-65-0!Tert-Butyl Alc...	2.169	59	212	1.51 ppb	#	1
14) 76-13-1!Freon 113	0.000		0	N.D.		
15) 70-20-9!Methyl Acetate	2.473	43	1486	0.27 ppb	#	56
16) 107-05-1!Allyl chloride	2.534	41	146	N.D.		
17) 74-88-4!Methyl iodide	2.467	142	372	0.55 ppb	#	79
18) 107-13-1!Acrylonitrile	2.382	53	343	2.29 ppb	#	32
19) 75-09-2!Methylene chlo...	2.570	49	36560	3.73 ppb		96
20) 75-15-0!Carbon disulfide	2.655	76	376	1.61 ppb	#	1
21) 1634-04-4!MTBE	0.000		0	N.D.		
22) 156-60-5!trans[E]-1,2-...	2.953	61	375	1.10 ppb	#	28
23) 110-54-3!Hexane	3.343	57	30961	10.86 ppb	#	86
24) 75-34-3!1,1-Dichloroet...	3.294	63	112	N.D.		
25) 108-05-4!Vinyl acetate	3.221	43	294	Below Cal	#	75
26) 637-92-3!tert-Butyl Et...	0.000		0	N.D.		
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.		
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.		
29) 594-20-7!2,2-Dichlorop...	3.939	77	120	0.89 ppb	#	51
30) 74-97-5!Bromochloromet...	0.000		0	N.D.		
31) 67-66-3!Chloroform	4.079	83	6304	0.85 ppb		96
32) 109-99-9!Tetrahydrofuran	4.310	42	194	2.58 ppb	#	47
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.		
36) 107-06-2!1,2-Dichloroe...	5.095	62	831	N.D.		
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.		
39) 71-43-2!Benzene	5.350	78	224	N.D.		

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.725	41	236	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.488	63	141	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.762	43	229	N.D.		
46)	123-91-1!1,4 Dioxane	6.786	88	102	1.77 ppb	#	1
47)	75-27-4!Bromodichlorom...	0.000		0	N.D.		
48)	110-75-8!2-Chloroethyl...	7.510	63	121	Below Cal	#	29
49)	108-10-1!Methyl isobut...	7.522	58	118	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	7.656	75	114	N.D.		
52)	556-61-6!Vorlex	7.802	73	116	N.D.		
53)	108-88-3!Toluene	8.064	91	19459	1.22 ppb		100
54)	97-63-2!Ethyl methacry...	0.000		0	N.D.		
55)	10061-02-6!trans[E]-1,...	8.118	75	116	N.D.		
56)	111-65-9!Octane	8.447	43	112	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.283	97	156	N.D.		
58)	591-78-6!2-Hexanone	8.508	58	124	2.90 ppb	#	1
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.903	43	444	Below Cal	#	46
61)	124-48-1!Dibromochloro...	8.927	129	156	N.D.		
62)	127-18-4!Tetrachloroet...	8.934	166	154	0.42 ppb	#	1
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.260	43	366	Below Cal	#	38
66)	108-90-7!Chlorobenzene	9.706	112	129	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.895	91	1342	N.D.		
69)	1330-20-7!p&m-Xylene	10.029	91	5697	0.39 ppb	#	87
70)	100-42-5!Styrene	10.424	104	650	N.D.		
71)	95-47-6!o-Xylene	10.454	91	1933	N.D.		
72)	75-25-2!Bromoform	10.521	173	1076	0.22 ppb	#	89
73)	79-34-5!1,1,2,2-Tetrac...	10.941	83	116	N.D.		
74)	98-82-8!Isopropylbenzene	10.917	105	315	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.032	110	388	0.30 ppb	#	1
77)	124-18-5!Decane	11.696	57	888	2.10 ppb	#	78
78)	108-86-1!Bromobenzene	11.227	77	323	N.D.		
79)	103-65-1!n-Propylbenzene	11.355	91	1102	N.D.		
80)	95-49-8!2-Chlorotoluene	11.422	91	453	N.D.		
81)	622-96-8!p-Ethyltoluene	11.477	105	836	N.D.		
82)	106-43-4!4-Chlorotoluene	11.489	91	1170	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.543	105	355	N.D.		
84)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.939	105	963	N.D.		
86)	135-98-8!sec-Butylbenzene	12.152	105	520	N.D.		
87)	5989-27-5!D-Limonene	12.346	68	270	1.54 ppb	#	64
90)	541-73-1!1,3-Dichlorob...	12.225	146	702	Below Cal		97
91)	99-87-6!p-Isopropyltol...	12.304	119	1711	N.D.		
92)	106-46-7!1,4-Dichlorob...	12.316	146	1407	Below Cal	#	76
93)	1120-21-4!Undecane	12.943	57	1301	Below Cal	#	80
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.651	146	557	Below Cal	#	76
96)	105-05-5!1,4-Diethylbe...	12.711	119	338	0.60 ppb	#	48
97)	104-51-8!n-Butylbenzene	12.730	91	982	Below Cal	#	81
98)	96-12-8!1,2-dibromo-3-...	13.332	157	119	0.90 ppb	#	9
99)	493-01-6!cis-Decahydro...	13.387	67	148	Below Cal	#	1
100)	95-93-2!1,2,4,5-Tetram...	13.502	119	345	Below Cal	#	30
101)	120-82-1!1,2,4-Trichlo...	14.415	180	687	Below Cal	#	73
102)	91-20-3!Naphthalene	14.555	128	1902	1.78 ppb	#	70
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.847	180	518	Below Cal	#	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:00:01 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : B414064-BLK1.D
Acq On : 2 Apr 2024 2:34 pm
Operator : JD
Sample : B414064-BLK1
Misc : CHEM02
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 12:21:55 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.620	168	653016	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.867	114	770716	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	776310	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	548504	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.267	113	262960	48.63	ppb		0.00
51) 1,2-Dichloroethane-d4	4.943	65	285074	52.67	ppb		0.01
76) Toluene-d8	7.966	98	900008	50.77	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	504442	52.71	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.360	85	194	1.52	ppb	#	1
3) 75-45-6!Chlorodifluoro...	1.341	51	172	N.D.			
4) 74-87-3!Chloromethane	1.469	50	4288	1.86	ppb	#	97
5) 75-01-4!Chloroethene (...	1.536	62	112	2.71	ppb	#	1
6) 74-83-9!Bromomethane	1.737	94	5375	3.08	ppb	#	91
7) 75-00-3!Chloroethane	0.000		0	N.D.			
8) 75-69-4!Trichloromonof...	0.000		0	N.D.			
9) 60-29-7!Ethyl ether	2.156	59	268	1.52	ppb	#	46
10) 107-02-8!Acrolein	2.077	56	157	0.26	ppb	#	1
11) 67-64-1!Acetone	2.120	43	7580	Below Cal		#	89
12) 75-35-4!1,1-Dichloroet...	2.406	61	131	1.70	ppb	#	13
13) 75-65-0!Tert-Butyl Alc...	2.156	59	268	1.52	ppb	#	1
14) 76-13-1!Freon 113	0.000		0	N.D.			
15) 70-20-9!Methyl Acetate	2.461	43	1522	0.25	ppb	#	75
16) 107-05-1!Allyl chloride	2.558	41	1215	0.28	ppb	#	65
17) 74-88-4!Methyl iodide	2.461	142	1071	1.43	ppb	#	55
18) 107-13-1!Acrylonitrile	2.491	53	239	2.19	ppb	#	57
19) 75-09-2!Methylene chlo...	2.558	49	22542	0.90	ppb		95
20) 75-15-0!Carbon disulfide	2.643	76	395	1.61	ppb	#	1
21) 1634-04-4!MTBE	2.899	73	316	Below Cal		#	1
22) 156-60-5!trans[E]-1,2-...	2.941	61	150	1.06	ppb	#	2
23) 110-54-3!Hexane	3.325	57	7385	1.99	ppb	#	78
24) 75-34-3!1,1-Dichloroet...	3.197	63	107	N.D.			
25) 108-05-4!Vinyl acetate	3.179	43	513	Below Cal		#	75
26) 637-92-3!tert-Butyl Et...	3.884	59	273	N.D.			
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.			
28) 156-59-2!cis[Z]-1,2dic...	3.811	61	133	N.D.			
29) 594-20-7!2,2-Dichlorop...	3.969	77	123	0.89	ppb	#	51
30) 74-97-5!Bromochloromet...	0.000		0	N.D.			
31) 67-66-3!Chloroform	4.067	83	2389	0.29	ppb	#	85
32) 109-99-9!Tetrahydrofuran	4.304	42	179	2.55	ppb	#	44
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.			
35) 994-05-8!tert-Amyl Met...	0.000		0	N.D.			
36) 107-06-2!1,2-Dichloroe...	5.083	62	988	N.D.			
37) 563-58-6!1,1-Dichlorop...	5.089	75	227	N.D.			
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.			
39) 71-43-2!Benzene	5.326	78	1130	N.D.			

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.670	41	6175	1.23 ppb	#	47
43)	78-87-5!1,2-Dichloropr...	6.439	63	123	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.737	43	588	N.D.		
46)	123-91-1!1,4 Dioxane	6.707	88	130	2.06 ppb	#	1
47)	75-27-4!Bromodichlorom...	6.725	83	142	N.D.		
48)	110-75-8!2-Chloroethyl...	0.000		0	N.D.		
49)	108-10-1!Methyl isobut...	7.577	58	121	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.686	73	290	0.35 ppb	#	1
53)	108-88-3!Toluene	8.064	91	1926	N.D.		
54)	97-63-2!Ethyl methacry...	8.386	69	118	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.459	43	326	N.D.		
57)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
58)	591-78-6!2-Hexanone	0.000		0	N.D.		
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.921	43	672	Below Cal	#	44
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	8.940	166	313	0.44 ppb	#	20
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.248	43	293	Below Cal	#	48
66)	108-90-7!Chlorobenzene	9.712	112	610	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.889	91	920	N.D.		
69)	1330-20-7!p&m-Xylene	10.029	91	2184	N.D.		
70)	100-42-5!Styrene	10.430	104	978	N.D.		
71)	95-47-6!o-Xylene	10.461	91	964	N.D.		
72)	75-25-2!Bromoform	10.521	173	1243	0.23 ppb	#	80
73)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
74)	98-82-8!Isopropylbenzene	10.892	105	735	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.014	110	327	0.24 ppb	#	1
77)	124-18-5!Decane	11.689	57	707	2.06 ppb	#	26
78)	108-86-1!Bromobenzene	11.172	77	965	N.D.		
79)	103-65-1!n-Propylbenzene	11.349	91	1261	N.D.		
80)	95-49-8!2-Chlorotoluene	11.416	91	1122	N.D.		
81)	622-96-8!p-Ethyltoluene	11.483	105	986	N.D.		
82)	106-43-4!4-Chlorotoluene	11.489	91	1469	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.550	105	1015	N.D.		
84)	98-06-6!tert-Butylbenzene	11.933	134	191	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	1199	N.D.		
86)	135-98-8!sec-Butylbenzene	12.146	105	1068	N.D.		
87)	5989-27-5!D-Limonene	12.340	68	327	1.55 ppb	#	1
90)	541-73-1!1,3-Dichlorob...	12.219	146	1410	Below Cal		96
91)	99-87-6!p-Isopropyltol...	12.304	119	3139	0.28 ppb	#	35
92)	106-46-7!1,4-Dichlorob...	12.316	146	2529	Below Cal	#	62
93)	1120-21-4!Undecane	12.961	57	864	Below Cal	#	1
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.645	146	970	Below Cal	#	86
96)	105-05-5!1,4-Diethylbe...	12.711	119	539	0.62 ppb	#	24
97)	104-51-8!n-Butylbenzene	12.724	91	1817	Below Cal	#	81
98)	96-12-8!1,2-dibromo-3-...	13.356	157	128	0.90 ppb	#	9
99)	493-01-6!cis-Decahydro...	13.423	67	452	Below Cal	#	59
100)	95-93-2!1,2,4,5-Tetram...	13.496	119	937	Below Cal	#	25
101)	120-82-1!1,2,4-Trichlo...	14.409	180	1627	Below Cal	#	82
102)	91-20-3!Naphthalene	14.555	128	3279	1.86 ppb	#	87
103)	87-68-3!Hexachlorobuta...	14.713	225	118	Below Cal	#	1
104)	87-61-6!1,2,3-Trichlor...	14.853	180	1219	Below Cal	#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:00:17 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : B414064-BS1.D
Acq On : 2 Apr 2024 12:30 pm
Operator : JD
Sample : B414064-BS1
Misc : CHEM02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 03 12:22:24 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.620	168	484238	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	605816	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	624591	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	472079	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.261	113	213763	53.31	ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	221982	52.18	ppb		0.00
76) Toluene-d8	7.966	98	712268	49.94	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	407083	49.42	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.360	85	117153	38.65	ppb	#	90
3) 75-45-6!Chlorodifluoro...	1.347	51	239133	51.60	ppb		96
4) 74-87-3!Chloromethane	1.475	50	120223	32.17	ppb		99
5) 75-01-4!Chloroethene (...	1.530	62	102563	42.38	ppb	#	95
6) 74-83-9!Bromomethane	1.737	94	61079	30.48	ppb	#	94
7) 75-00-3!Chloroethane	1.792	64	72121	37.83	ppb	#	95
8) 75-69-4!Trichloromonof...	2.004	101	222118	44.14	ppb		98
9) 60-29-7!Ethyl ether	2.157	59	90367	46.98	ppb	#	83
10) 107-02-8!Acrolein	2.077	56	21480	48.63	ppb	#	83
11) 67-64-1!Acetone	2.120	43	63707	Below Cal			92
12) 75-35-4!1,1-Dichloroet...	2.339	61	216637	45.63	ppb		95
13) 75-65-0!Tert-Butyl Alc...	2.157	59	90367	46.98	ppb	#	83
14) 76-13-1!Freon 113	2.345	101	148114	50.51	ppb	#	85
15) 70-20-9!Methyl Acetate	2.461	43	243332	53.21	ppb	#	88
16) 107-05-1!Allyl chloride	2.534	41	152008	47.29	ppb	#	89
17) 74-88-4!Methyl iodide	2.455	142	9032	17.04	ppb	#	72
18) 107-13-1!Acrylonitrile	2.485	53	51067	50.90	ppb	#	76
19) 75-09-2!Methylene chlo...	2.558	49	256679	50.82	ppb		97
20) 75-15-0!Carbon disulfide	2.637	76	290982	30.84	ppb		99
21) 1634-04-4!MTBE	2.905	73	443165	51.84	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.935	61	202026	45.61	ppb		98
23) 110-54-3!Hexane	3.325	57	79442	34.88	ppb	#	87
24) 75-34-3!1,1-Dichloroet...	3.197	63	284403	49.47	ppb	#	96
25) 108-05-4!Vinyl acetate	3.209	43	254865	56.73	ppb	#	94
26) 637-92-3!tert-Butyl Et...	3.878	59	432134	50.24	ppb	#	81
27) 78-93-3!2-Butanone (MEK)	3.531	72	17740	55.59	ppb		84
28) 156-59-2!cis[Z]-1,2dic...	3.799	61	219403	49.06	ppb		93
29) 594-20-7!2,2-Dichlorop...	3.909	77	212723	55.52	ppb		96
30) 74-97-5!Bromochloromet...	4.103	130	105413	49.42	ppb	#	18
31) 67-66-3!Chloroform	4.061	83	322306	52.66	ppb	#	96
32) 109-99-9!Tetrahydrofuran	4.298	42	48865	50.05	ppb		98
33) 71-55-6!1,1,1-Trichlor...	4.760	97	262800	53.04	ppb		96
35) 994-05-8!tert-Amyl Met...	5.600	73	407661	51.01	ppb	#	84
36) 107-06-2!1,2-Dichloroe...	5.077	62	232052	49.70	ppb	#	84
37) 563-58-6!1,1-Dichlorop...	5.083	75	182549	46.76	ppb		91
38) 56-23-5!Carbon tetrach...	5.259	117	241427	52.79	ppb		98
39) 71-43-2!Benzene	5.314	78	564659	47.43	ppb		98

41)	79-01-6!Trichloroethylene	6.403	130	163390	46.98	ppb	95
42)	80-62-6!Methyl methacr...	6.701	41	198039	50.35	ppb #	85
43)	78-87-5!1,2-Dichloropr...	6.476	63	168602	50.24	ppb	93
44)	74-95-3!Dibromomethane	6.628	174	154495	47.32	ppb	88
45)	79-46-9!2-Nitropropane	6.744	43	247244	47.18	ppb	87
46)	123-91-1!1,4 Dioxane	6.707	88	23433	472.77	ppb #	1
47)	75-27-4!Bromodichlorom...	6.719	83	263336	53.24	ppb	98
48)	110-75-8!2-Chloroethyl...	7.242	63	62022	61.44	ppb #	1
49)	108-10-1!Methyl isobut...	7.419	58	61273	52.31	ppb #	69
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	254340	49.97	ppb	97
52)	556-61-6!Vorlex	7.711	73	31679	45.56	ppb #	93
53)	108-88-3!Toluene	8.058	91	650291	47.38	ppb	94
54)	97-63-2!Ethyl methacry...	8.380	69	171239	48.20	ppb	92
55)	10061-02-6!trans[E]-1,...	8.112	75	237817	51.20	ppb	93
56)	111-65-9!Octane	8.459	43	184605	42.05	ppb #	91
57)	79-00-5!1,1,2-Trichlor...	8.283	97	160234	52.95	ppb #	90
58)	591-78-6!2-Hexanone	8.502	58	60929	50.46	ppb #	51
59)	142-28-9!1,3-Dichlorop...	8.544	76	237121	51.08	ppb #	91
60)	123-86-4!n-Butyl acetate	8.921	43	250875	52.41	ppb #	61
61)	124-48-1!Dibromochloro...	8.824	129	215576	53.45	ppb #	69
62)	127-18-4!Tetrachloroet...	8.940	166	220586	46.94	ppb #	88
63)	106-93-4!1,2-Dibromoet...	9.067	107	155595	50.88	ppb	100
64)	111-84-2!Nonane	10.242	43	223648	46.21	ppb	92
66)	108-90-7!Chlorobenzene	9.712	112	493475	49.36	ppb	98
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	192701	52.49	ppb	97
68)	100-41-4!Ethylbenzene	9.895	91	766559	48.11	ppb	95
69)	1330-20-7!p&m-Xylene	10.029	91	1205911	94.96	ppb	96
70)	100-42-5!Styrene	10.430	104	535896	49.92	ppb	96
71)	95-47-6!o-Xylene	10.455	91	660008	48.89	ppb	93
72)	75-25-2!Bromoform	10.521	173	210232	49.28	ppb	97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	228704	52.23	ppb	99
74)	98-82-8!Isopropylbenzene	10.905	105	762031	49.69	ppb	98
75)	96-18-4!1,2,3-Trichlor...	10.978	110	56934	51.69	ppb #	92
77)	124-18-5!Decane	11.690	57	236762	50.59	ppb	89
78)	108-86-1!Bromobenzene	11.166	77	307900	48.28	ppb #	81
79)	103-65-1!n-Propylbenzene	11.349	91	947383	50.23	ppb	97
80)	95-49-8!2-Chlorotoluene	11.416	91	544952	49.28	ppb	91
81)	622-96-8!p-Ethyltoluene	11.477	105	801237	50.16	ppb #	58
82)	106-43-4!4-Chlorotoluene	11.489	91	682474	50.68	ppb	100
83)	108-67-8!1,3,5-Trimeth...	11.550	105	683370	50.73	ppb	95
84)	98-06-6!tert-Butylbenzene	11.902	134	137174	50.35	ppb #	38
85)	95-63-6!1,2,4-Trimethy...	11.933	105	724904	51.51	ppb	91
86)	135-98-8!sec-Butylbenzene	12.146	105	888355	51.83	ppb	98
87)	5989-27-5!D-Limonene	12.340	68	122652	53.95	ppb	98
90)	541-73-1!1,3-Dichlorob...	12.219	146	512290	52.28	ppb	95
91)	99-87-6!p-Isopropyltol...	12.304	119	787480	53.85	ppb	99
92)	106-46-7!1,4-Dichlorob...	12.322	146	519316	53.58	ppb	95
93)	1120-21-4!Undecane	12.949	57	286713	55.60	ppb	92
94)	493-02-7!trans-Decahyd...	12.845	138	181643	52.90	ppb	95
95)	95-50-1!1,2-Dichlorobe...	12.645	146	526531	53.12	ppb	94
96)	105-05-5!1,4-Diethylbe...	12.712	119	463591	54.10	ppb	91
97)	104-51-8!n-Butylbenzene	12.718	91	914445	56.61	ppb	94
98)	96-12-8!1,2-dibromo-3-...	13.326	157	63011	55.37	ppb	89
99)	493-01-6!cis-Decahydro...	13.435	67	193999	53.82	ppb #	90
100)	95-93-2!1,2,4,5-Tetram...	13.508	119	722168	52.43	ppb	96
101)	120-82-1!1,2,4-Trichlo...	14.415	180	399198	53.95	ppb #	91
102)	91-20-3!Naphthalene	14.555	128	655834	51.38	ppb	98
103)	87-68-3!Hexachlorobuta...	14.707	225	248836	57.56	ppb	97
104)	87-61-6!1,2,3-Trichlor...	14.853	180	396490	53.07	ppb	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:00:27 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : B414064-MS1.D
Acq On : 2 Apr 2024 1:01 pm
Operator : JD
Sample : B414064-MS1
Misc : CHEM02
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 03 12:22:51 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.632	168	501289	50.00	ppb	#	0.01
40) 1,4-Difluourobenzene	5.873	114	608125	50.00	ppb	#	0.01
65) Chlorobenzene-d5	9.670	117	620583	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	457086	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.273	113	214305	51.63	ppb		0.01
51) 1,2-Dichloroethane-d4	4.949	65	227464	53.26	ppb		0.02
76) Toluene-d8	7.972	98	706662	49.86	ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	401012	50.28	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	112047	35.82	ppb	#	91
3) 75-45-6!Chlorodifluoro...	1.353	51	242120	50.46	ppb		97
4) 74-87-3!Chloromethane	1.487	50	110249	28.62	ppb		99
5) 75-01-4!Chloroethene (...	1.542	62	96532	38.50	ppb	#	96
6) 74-83-9!Bromomethane	1.749	94	57042	27.61	ppb	#	98
7) 75-00-3!Chloroethane	1.803	64	67185	33.97	ppb		95
8) 75-69-4!Trichloromonof...	2.016	101	208714	40.14	ppb		99
9) 60-29-7!Ethyl ether	2.168	59	84865	42.75	ppb	#	83
10) 107-02-8!Acrolein	2.095	56	3092	6.76	ppb	#	71
11) 67-64-1!Acetone	2.132	43	66022	Below Cal			94
12) 75-35-4!1,1-Dichloroet...	2.351	61	214831	43.78	ppb		96
13) 75-65-0!Tert-Butyl Alc...	2.168	59	84865	42.75	ppb	#	81
14) 76-13-1!Freon 113	2.357	101	147960	48.74	ppb	#	86
15) 70-20-9!Methyl Acetate	2.473	43	347202	73.35	ppb	#	88
16) 107-05-1!Allyl chloride	2.546	41	149492	44.93	ppb	#	90
17) 74-88-4!Methyl iodide	2.467	142	5903	10.54	ppb	#	86
18) 107-13-1!Acrylonitrile	2.497	53	50650	48.85	ppb	#	78
19) 75-09-2!Methylene chlo...	2.570	49	252406	48.20	ppb		96
20) 75-15-0!Carbon disulfide	2.649	76	273134	28.11	ppb		99
21) 1634-04-4!MTBE	2.917	73	420378	47.59	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.947	61	190217	41.58	ppb		97
23) 110-54-3!Hexane	3.337	57	78577	33.30	ppb	#	85
24) 75-34-3!1,1-Dichloroet...	3.209	63	286293	48.10	ppb	#	98
25) 108-05-4!Vinyl acetate	3.221	43	22340	2.64	ppb		98
26) 637-92-3!tert-Butyl Et...	3.890	59	409770	46.02	ppb	#	80
27) 78-93-3!2-Butanone (MEK)	3.543	72	17276	52.35	ppb		96
28) 156-59-2!cis[Z]-1,2dic...	3.811	61	207644	44.85	ppb		93
29) 594-20-7!2,2-Dichlorop...	3.921	77	219962	55.45	ppb		96
30) 74-97-5!Bromochloromet...	4.115	130	96364	43.64	ppb	#	18
31) 67-66-3!Chloroform	4.073	83	310433	49.00	ppb	#	95
32) 109-99-9!Tetrahydrofuran	4.310	42	47059	46.73	ppb		97
33) 71-55-6!1,1,1-Trichlor...	4.772	97	254336	49.59	ppb		98
35) 994-05-8!tert-Amyl Met...	5.606	73	380198	45.95	ppb	#	85
36) 107-06-2!1,2-Dichloroe...	5.089	62	225251	46.60	ppb	#	85
37) 563-58-6!1,1-Dichlorop...	5.095	75	176005	43.55	ppb	#	91
38) 56-23-5!Carbon tetrach...	5.271	117	228738	48.44	ppb		98
39) 71-43-2!Benzene	5.326	78	546664	44.36	ppb		98

41)	79-01-6!Trichloroethylene	6.409	130	155791	44.62	ppb		95
42)	80-62-6!Methyl methacr...	6.713	41	197098	49.92	ppb	#	86
43)	78-87-5!1,2-Dichloropr...	6.482	63	162751	48.31	ppb		92
44)	74-95-3!Dibromomethane	6.634	174	140243	42.89	ppb		88
45)	79-46-9!2-Nitropropane	6.749	43	114176	21.70	ppb	#	20
46)	123-91-1!1,4 Dioxane	6.707	88	24376	489.93	ppb	#	1
47)	75-27-4!Bromodichlorom...	6.725	83	246830	49.71	ppb		96
48)	110-75-8!2-Chloroethyl...	7.242	63	56731	55.90	ppb	#	1
49)	108-10-1!Methyl isobut...	7.425	58	55104	46.86	ppb	#	66
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	234021	45.80	ppb		98
52)	556-61-6!Vorlex	7.717	73	28897	41.64	ppb	#	94
53)	108-88-3!Toluene	8.063	91	606146	43.99	ppb		95
54)	97-63-2!Ethyl methacry...	8.386	69	112785	31.63	ppb		93
55)	10061-02-6!trans[E]-1,...	8.112	75	213156	45.72	ppb		92
56)	111-65-9!Octane	8.459	43	84703	19.42	ppb	#	91
57)	79-00-5!1,1,2-Trichlor...	8.289	97	146109	48.10	ppb	#	90
58)	591-78-6!2-Hexanone	8.508	58	52440	43.67	ppb	#	51
59)	142-28-9!1,3-Dichlorop...	8.550	76	216984	46.56	ppb	#	91
60)	123-86-4!n-Butyl acetate	8.921	43	89531	19.62	ppb	#	62
61)	124-48-1!Dibromochloro...	8.824	129	196108	48.44	ppb	#	77
62)	127-18-4!Tetrachloroet...	8.940	166	192465	40.85	ppb	#	88
63)	106-93-4!1,2-Dibromoet...	9.073	107	139989	45.61	ppb		100
64)	111-84-2!Nonane	10.241	43	67433	13.83	ppb		90
66)	108-90-7!Chlorobenzene	9.712	112	426758	42.97	ppb		99
67)	630-20-6!1,1,1,2-Tetra...	9.779	131	174471	47.84	ppb	#	96
68)	100-41-4!Ethylbenzene	9.895	91	658517	41.59	ppb		94
69)	1330-20-7!p&m-Xylene	10.028	91	1005370	79.68	ppb		96
70)	100-42-5!Styrene	10.430	104	447288	41.94	ppb		96
71)	95-47-6!o-Xylene	10.454	91	548967	40.93	ppb		93
72)	75-25-2!Bromoform	10.521	173	189776	44.77	ppb		97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	203447	46.76	ppb		99
74)	98-82-8!Isopropylbenzene	10.905	105	586715	38.51	ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.978	110	50877	46.49	ppb	#	86
77)	124-18-5!Decane	11.695	57	49196	12.12	ppb	#	84
78)	108-86-1!Bromobenzene	11.166	77	257835	40.69	ppb	#	83
79)	103-65-1!n-Propylbenzene	11.349	91	685306	36.57	ppb		97
80)	95-49-8!2-Chlorotoluene	11.416	91	426099	38.78	ppb		93
81)	622-96-8!p-Ethyltoluene	11.476	105	586513	36.96	ppb	#	56
82)	106-43-4!4-Chlorotoluene	11.489	91	532008	39.76	ppb		99
83)	108-67-8!1,3,5-Trimeth...	11.549	105	492481	36.80	ppb		95
84)	98-06-6!tert-Butylbenzene	11.902	134	93791	34.65	ppb	#	39
85)	95-63-6!1,2,4-Trimethy...	11.933	105	502762	35.95	ppb		93
86)	135-98-8!sec-Butylbenzene	12.146	105	544231	31.96	ppb		98
87)	5989-27-5!D-Limonene	12.340	68	68857	31.11	ppb		96
90)	541-73-1!1,3-Dichlorob...	12.219	146	382997	40.21	ppb		96
91)	99-87-6!p-Isopropyltol...	12.304	119	502239	35.50	ppb		98
92)	106-46-7!1,4-Dichlorob...	12.322	146	376861	39.97	ppb		95
93)	1120-21-4!Undecane	12.949	57	51531	9.76	ppb	#	90
94)	493-02-7!trans-Decahyd...	12.845	138	75674	22.37	ppb		92
95)	95-50-1!1,2-Dichlorobe...	12.644	146	375135	38.99	ppb		94
96)	105-05-5!1,4-Diethylbe...	12.711	119	290642	35.23	ppb		94
97)	104-51-8!n-Butylbenzene	12.717	91	531861	33.96	ppb		94
98)	96-12-8!1,2-dibromo-3-...	13.326	157	56261	51.12	ppb		91
99)	493-01-6!cis-Decahydro...	13.435	67	82749	23.14	ppb	#	85
100)	95-93-2!1,2,4,5-Tetram...	13.508	119	453209	33.94	ppb		95
101)	120-82-1!1,2,4-Trichlo...	14.415	180	249836	34.08	ppb		92
102)	91-20-3!Naphthalene	14.555	128	445111	36.51	ppb		98
103)	87-68-3!Hexachlorobuta...	14.707	225	112809	26.21	ppb		97
104)	87-61-6!1,2,3-Trichlor...	14.853	180	214531	29.57	ppb		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:00:39 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : B414064-MSD1.D
Acq On : 2 Apr 2024 1:32 pm
Operator : JD
Sample : B414064-MSD1
Misc : CHEM02
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 12:23:24 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.620	168	598424	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	701750	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	719191	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	501627	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.267	113	247217	49.89	ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	251554	51.04	ppb		0.00
76) Toluene-d8	7.966	98	812260	49.46	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	456337	52.14	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.359	85	114651	30.91	ppb	#	91
3) 75-45-6!Chlorodifluoro...	1.347	51	253671	44.29	ppb	#	96
4) 74-87-3!Chloromethane	1.475	50	112043	24.52	ppb		98
5) 75-01-4!Chloroethene (...	1.530	62	90134	30.24	ppb	#	96
6) 74-83-9!Bromomethane	1.737	94	59812	24.40	ppb	#	94
7) 75-00-3!Chloroethane	1.791	64	69580	29.37	ppb		96
8) 75-69-4!Trichloromonof...	2.004	101	202029	32.70	ppb		99
9) 60-29-7!Ethyl ether	2.156	59	88416	37.49	ppb	#	82
10) 107-02-8!Acrolein	2.077	56	2643	4.84	ppb	#	67
11) 67-64-1!Acetone	2.120	43	75508	Below Cal			98
12) 75-35-4!1,1-Dichloroet...	2.339	61	218523	37.55	ppb		95
13) 75-65-0!Tert-Butyl Alc...	2.156	59	88416	37.49	ppb	#	81
14) 76-13-1!Freon 113	2.351	101	136267	37.60	ppb	#	84
15) 70-20-9!Methyl Acetate	2.461	43	396414	70.15	ppb	#	89
16) 107-05-1!Allyl chloride	2.534	41	155000	39.02	ppb	#	90
17) 74-88-4!Methyl iodide	2.455	142	10511	15.99	ppb	#	78
18) 107-13-1!Acrylonitrile	2.485	53	51917	42.23	ppb	#	75
19) 75-09-2!Methylene chlo...	2.558	49	261939	41.67	ppb		96
20) 75-15-0!Carbon disulfide	2.643	76	268799	23.45	ppb		96
21) 1634-04-4!MTBE	2.905	73	471171	44.73	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.935	61	201238	36.97	ppb		98
23) 110-54-3!Hexane	3.324	57	82008	29.06	ppb	#	88
24) 75-34-3!1,1-Dichloroet...	3.197	63	293135	41.26	ppb	#	98
25) 108-05-4!Vinyl acetate	3.203	43	5423	Below Cal		#	67
26) 637-92-3!tert-Butyl Et...	3.884	59	447849	42.13	ppb	#	82
27) 78-93-3!2-Butanone (MEK)	3.531	72	18689	47.49	ppb		93
28) 156-59-2!cis[Z]-1,2dic...	3.799	61	219023	39.63	ppb		92
29) 594-20-7!2,2-Dichlorop...	3.908	77	219794	46.56	ppb		96
30) 74-97-5!Bromochloromet...	4.103	130	105030	39.84	ppb	#	18
31) 67-66-3!Chloroform	4.067	83	322633	42.66	ppb	#	96
32) 109-99-9!Tetrahydrofuran	4.304	42	51395	42.96	ppb		97
33) 71-55-6!1,1,1-Trichlor...	4.760	97	259700	42.41	ppb		98
35) 994-05-8!tert-Amyl Met...	5.606	73	424967	43.03	ppb	#	85
36) 107-06-2!1,2-Dichloroe...	5.083	62	233818	40.52	ppb	#	85
37) 563-58-6!1,1-Dichlorop...	5.089	75	174823	36.24	ppb		93
38) 56-23-5!Carbon tetrach...	5.259	117	221373	39.55	ppb		97
39) 71-43-2!Benzene	5.314	78	559108	38.00	ppb		98

41)	79-01-6!Trichloroethylene	6.403	130	159125	39.50 ppb		97
42)	80-62-6!Methyl methacr...	6.707	41	213238	46.81 ppb	#	90
43)	78-87-5!1,2-Dichloropr...	6.476	63	166767	42.90 ppb		95
44)	74-95-3!Dibromomethane	6.628	174	157627	41.80 ppb	#	86
45)	79-46-9!2-Nitropropane	6.743	43	86329	14.22 ppb	#	1
46)	123-91-1!1,4 Dioxane	6.713	88	27233	474.33 ppb	#	1
47)	75-27-4!Bromodichlorom...	6.719	83	255066	44.52 ppb		96
48)	110-75-8!2-Chloroethyl...	7.242	63	63053	53.80 ppb	#	1
49)	108-10-1!Methyl isobut...	7.419	58	60008	44.23 ppb	#	73
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	240996	40.87 ppb		98
52)	556-61-6!Vorlex	7.711	73	32132	40.21 ppb	#	92
53)	108-88-3!Toluene	8.064	91	602752	37.91 ppb		94
54)	97-63-2!Ethyl methacry...	8.380	69	95766	23.27 ppb		94
55)	10061-02-6!trans[E]-1,...	8.112	75	217757	40.47 ppb		93
56)	111-65-9!Octane	8.459	43	58401	11.64 ppb		93
57)	79-00-5!1,1,2-Trichlor...	8.289	97	150778	43.01 ppb	#	88
58)	591-78-6!2-Hexanone	8.502	58	52571	38.30 ppb	#	55
59)	142-28-9!1,3-Dichlorop...	8.544	76	227745	42.35 ppb	#	93
60)	123-86-4!n-Butyl acetate	8.921	43	51820	9.89 ppb	#	63
61)	124-48-1!Dibromochloro...	8.824	129	197853	42.35 ppb	#	69
62)	127-18-4!Tetrachloroet...	8.940	166	173694	32.03 ppb	#	87
63)	106-93-4!1,2-Dibromoet...	9.067	107	150119	42.38 ppb		100
64)	111-84-2!Nonane	10.241	43	83250	14.81 ppb	#	90
66)	108-90-7!Chlorobenzene	9.712	112	415512	36.10 ppb		97
67)	630-20-6!1,1,1,2-Tetra...	9.779	131	167307	39.58 ppb		97
68)	100-41-4!Ethylbenzene	9.895	91	607649	33.12 ppb		94
69)	1330-20-7!p&m-Xylene	10.029	91	902612	61.72 ppb		95
70)	100-42-5!Styrene	10.430	104	421102	34.07 ppb		97
71)	95-47-6!o-Xylene	10.454	91	500121	32.17 ppb		94
72)	75-25-2!Bromoform	10.521	173	191614	39.01 ppb		97
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	203719	40.41 ppb		98
74)	98-82-8!Isopropylbenzene	10.905	105	491479	27.83 ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.978	110	53994	42.57 ppb	#	93
77)	124-18-5!Decane	11.695	57	121923	23.70 ppb		91
78)	108-86-1!Bromobenzene	11.166	77	239729	32.65 ppb	#	81
79)	103-65-1!n-Propylbenzene	11.349	91	543559	25.03 ppb		98
80)	95-49-8!2-Chlorotoluene	11.416	91	367341	28.85 ppb		92
81)	622-96-8!p-Ethyltoluene	11.476	105	471896	25.66 ppb	#	55
82)	106-43-4!4-Chlorotoluene	11.489	91	439641	28.35 ppb		100
83)	108-67-8!1,3,5-Trimeth...	11.549	105	394578	25.44 ppb		96
84)	98-06-6!tert-Butylbenzene	11.902	134	75436	24.05 ppb	#	43
85)	95-63-6!1,2,4-Trimethy...	11.933	105	395727	24.42 ppb		92
86)	135-98-8!sec-Butylbenzene	12.146	105	400855	20.31 ppb		99
87)	5989-27-5!D-Limonene	12.340	68	54562	21.73 ppb		92
90)	541-73-1!1,3-Dichlorob...	12.219	146	308758	29.34 ppb		96
91)	99-87-6!p-Isopropyltol...	12.304	119	373988	24.12 ppb		98
92)	106-46-7!1,4-Dichlorob...	12.322	146	311321	29.91 ppb		97
93)	1120-21-4!Undecane	12.949	57	176254	31.87 ppb	#	88
94)	493-02-7!trans-Decahyd...	12.845	138	74435	19.98 ppb		91
95)	95-50-1!1,2-Dichlorobe...	12.645	146	316267	29.87 ppb		95
96)	105-05-5!1,4-Diethylbe...	12.711	119	229364	25.49 ppb		89
97)	104-51-8!n-Butylbenzene	12.717	91	365957	21.26 ppb		92
98)	96-12-8!1,2-dibromo-3-...	13.326	157	54823	45.48 ppb	#	85
99)	493-01-6!cis-Decahydro...	13.435	67	63894	15.98 ppb	#	87
100)	95-93-2!1,2,4,5-Tetram...	13.508	119	360095	24.53 ppb		94
101)	120-82-1!1,2,4-Trichlo...	14.415	180	188955	22.79 ppb		93
102)	91-20-3!Naphthalene	14.555	128	354280	26.93 ppb	#	95
103)	87-68-3!Hexachlorobuta...	14.707	225	75030	15.34 ppb		95
104)	87-61-6!1,2,3-Trichlor...	14.853	180	171247	21.45 ppb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:00:52 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : S414018-CCV1.D
Acq On : 2 Apr 2024 11:59 am
Operator : JD
Sample : S414018-CCV1
Misc : CHEM02
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 12:36:53 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.633	168	479141	50.00	ppb	#	0.01
40) 1,4-Difluourobenzene	5.874	114	592709	50.00	ppb	#	0.01
65) Chlorobenzene-d5	9.670	117	613574	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	472702	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.280	113	209768	52.87	ppb		0.02
51) 1,2-Dichloroethane-d4	4.949	65	215315	51.73	ppb		0.02
76) Toluene-d8	7.973	98	698293	49.84	ppb		0.01
89) 4-Bromofluourobenzene	11.020	174	399505	48.44	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	1.372	85	119024	39.64	ppb	#	91
3) 75-45-6!Chlorodifluoro...	1.354	51	235712	51.40	ppb		97
4) 74-87-3!Chloromethane	1.487	50	116920	31.64	ppb		99
5) 75-01-4!Chloroethene (...	1.542	62	111778	46.81	ppb	#	95
6) 74-83-9!Bromomethane	1.749	94	56954	28.79	ppb	#	95
7) 75-00-3!Chloroethane	1.804	64	70826	37.54	ppb	#	94
8) 75-69-4!Trichloromonof...	2.017	101	221213	44.42	ppb		98
9) 60-29-7!Ethyl ether	2.169	59	85906	45.19	ppb	#	82
10) 107-02-8!Acrolein	2.090	56	18445	42.21	ppb	#	92
11) 67-64-1!Acetone	2.132	43	58423	Below	Cal		93
12) 75-35-4!1,1-Dichloroet...	2.351	61	216537	46.08	ppb		96
13) 75-65-0!Tert-Butyl Alc...	2.169	59	85906	45.19	ppb	#	80
14) 76-13-1!Freon 113	2.357	101	158252	54.54	ppb	#	88
15) 70-20-9!Methyl Acetate	2.473	43	202685	44.80	ppb	#	89
16) 107-05-1!Allyl chloride	2.546	41	152614	47.99	ppb	#	89
17) 74-88-4!Methyl iodide	2.467	142	6071	11.37	ppb	#	91
18) 107-13-1!Acrylonitrile	2.497	53	47925	48.38	ppb	#	74
19) 75-09-2!Methylene chlo...	2.570	49	245950	49.17	ppb		97
20) 75-15-0!Carbon disulfide	2.649	76	284816	30.53	ppb		98
21) 1634-04-4!MTBE	2.917	73	424118	50.18	ppb		97
22) 156-60-5!trans[E]-1,2-...	2.947	61	194515	44.41	ppb		98
23) 110-54-3!Hexane	3.337	57	84237	37.41	ppb	#	84
24) 75-34-3!1,1-Dichloroet...	3.209	63	281707	49.52	ppb	#	98
25) 108-05-4!Vinyl acetate	3.221	43	281710	62.92	ppb	#	94
26) 637-92-3!tert-Butyl Et...	3.890	59	416197	48.90	ppb	#	80
27) 78-93-3!2-Butanone (MEK)	3.550	72	15306	48.57	ppb		76
28) 156-59-2!cis[Z]-1,2dic...	3.811	61	213991	48.36	ppb		94
29) 594-20-7!2,2-Dichlorop...	3.921	77	216876	57.18	ppb		97
30) 74-97-5!Bromochloromet...	4.116	130	98687	46.76	ppb	#	18
31) 67-66-3!Chloroform	4.073	83	311407	51.42	ppb	#	94
32) 109-99-9!Tetrahydrofuran	4.316	42	44170	45.93	ppb		96
33) 71-55-6!1,1,1-Trichlor...	4.773	97	259065	52.84	ppb		96
35) 994-05-8!tert-Amyl Met...	5.606	73	378264	47.83	ppb	#	84
36) 107-06-2!1,2-Dichloroe...	5.089	62	227299	49.20	ppb	#	83
37) 563-58-6!1,1-Dichlorop...	5.095	75	184224	47.69	ppb		92
38) 56-23-5!Carbon tetrach...	5.271	117	242572	53.58	ppb		98
39) 71-43-2!Benzene	5.326	78	555606	47.17	ppb		98

41)	79-01-6!Trichloroethylene	6.409	130	164053	48.21 ppb		95
42)	80-62-6!Methyl methacr...	6.713	41	176223	45.80 ppb	#	85
43)	78-87-5!1,2-Dichloropr...	6.482	63	162149	49.38 ppb		95
44)	74-95-3!Dibromomethane	6.634	174	148458	46.49 ppb		88
45)	79-46-9!2-Nitropropane	6.750	43	247597	48.29 ppb	#	82
46)	123-91-1!1,4 Dioxane	6.719	88	22459	463.14 ppb	#	1
47)	75-27-4!Bromodichlorom...	6.725	83	252598	52.20 ppb		98
48)	110-75-8!2-Chloroethyl...	7.249	63	59237	59.96 ppb	#	1
49)	108-10-1!Methyl isobut...	7.425	58	53469	46.66 ppb	#	58
50)	10061-01-5!cis[Z]-1,3-...	7.492	75	245650	49.33 ppb		97
52)	556-61-6!Vorlex	7.717	73	29112	42.96 ppb	#	93
53)	108-88-3!Toluene	8.064	91	637924	47.50 ppb		95
54)	97-63-2!Ethyl methacry...	8.386	69	170783	49.14 ppb		93
55)	10061-02-6!trans[E]-1,...	8.112	75	225649	49.65 ppb		91
56)	111-65-9!Octane	8.459	43	206843	48.03 ppb	#	91
57)	79-00-5!1,1,2-Trichlor...	8.289	97	146517	49.49 ppb	#	87
58)	591-78-6!2-Hexanone	8.508	58	54101	46.06 ppb	#	44
59)	142-28-9!1,3-Dichlorop...	8.544	76	228020	50.20 ppb	#	93
60)	123-86-4!n-Butyl acetate	8.922	43	255419	54.36 ppb	#	61
61)	124-48-1!Dibromochloro...	8.824	129	199551	50.57 ppb	#	77
62)	127-18-4!Tetrachloroet...	8.940	166	226164	49.17 ppb	#	88
63)	106-93-4!1,2-Dibromoet...	9.074	107	147783	49.40 ppb		100
64)	111-84-2!Nonane	10.242	43	252297	53.30 ppb		91
66)	108-90-7!Chlorobenzene	9.712	112	477750	48.65 ppb		98
67)	630-20-6!1,1,1,2-Tetra...	9.773	131	183212	50.81 ppb		97
68)	100-41-4!Ethylbenzene	9.895	91	765795	48.92 ppb		95
69)	1330-20-7!p&m-Xylene	10.029	91	1216315	97.49 ppb		95
70)	100-42-5!Styrene	10.430	104	521801	49.48 ppb		94
71)	95-47-6!o-Xylene	10.455	91	656313	49.49 ppb		93
72)	75-25-2!Bromoform	10.522	173	197811	47.20 ppb		96
73)	79-34-5!1,1,2,2-Tetrac...	10.844	83	215107	50.01 ppb		100
74)	98-82-8!Isopropylbenzene	10.905	105	775822	51.50 ppb		97
75)	96-18-4!1,2,3-Trichlor...	10.978	110	55753	51.53 ppb	#	96
77)	124-18-5!Decane	11.690	57	270507	58.52 ppb		91
78)	108-86-1!Bromobenzene	11.166	77	310619	49.58 ppb	#	82
79)	103-65-1!n-Propylbenzene	11.349	91	960703	51.85 ppb		97
80)	95-49-8!2-Chlorotoluene	11.416	91	557399	51.31 ppb		92
81)	622-96-8!p-Ethyltoluene	11.477	105	820690	52.30 ppb	#	59
82)	106-43-4!4-Chlorotoluene	11.489	91	693938	52.45 ppb		99
83)	108-67-8!1,3,5-Trimeth...	11.550	105	696366	52.63 ppb		97
84)	98-06-6!tert-Butylbenzene	11.903	134	140019	52.32 ppb	#	38
85)	95-63-6!1,2,4-Trimethy...	11.933	105	731528	52.91 ppb		92
86)	135-98-8!sec-Butylbenzene	12.146	105	919852	54.63 ppb		99
87)	5989-27-5!D-Limonene	12.341	68	131398	58.70 ppb		97
90)	541-73-1!1,3-Dichlorob...	12.219	146	525153	53.54 ppb		96
91)	99-87-6!p-Isopropyltol...	12.304	119	820655	56.04 ppb		98
92)	106-46-7!1,4-Dichlorob...	12.322	146	523505	53.95 ppb		96
93)	1120-21-4!Undecane	12.949	57	320435	62.13 ppb		92
94)	493-02-7!trans-Decahyd...	12.845	138	193807	56.41 ppb		92
95)	95-50-1!1,2-Dichlorobe...	12.645	146	518664	52.25 ppb		94
96)	105-05-5!1,4-Diethylbe...	12.712	119	489086	56.97 ppb		92
97)	104-51-8!n-Butylbenzene	12.718	91	956118	59.11 ppb		94
98)	96-12-8!1,2-dibromo-3-...	13.326	157	60419	53.06 ppb	#	88
99)	493-01-6!cis-Decahydro...	13.436	67	210547	58.42 ppb	#	88
100)	95-93-2!1,2,4,5-Tetram...	13.509	119	749844	54.37 ppb		96
101)	120-82-1!1,2,4-Trichlo...	14.415	180	400211	54.02 ppb	#	92
102)	91-20-3!Naphthalene	14.555	128	627549	49.17 ppb		99
103)	87-68-3!Hexachlorobuta...	14.707	225	267447	61.89 ppb		96
104)	87-61-6!1,2,3-Trichlor...	14.853	180	398018	53.20 ppb		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:01:04 2024

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : S414018-IBL1.D
Acq On : 2 Apr 2024 11:15 am
Operator : JD
Sample : S414018-IBL1
Misc : CHEM02
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 12:24:22 2024
Quant Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Fri Mar 29 14:47:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluourobenzene	4.620	168	492030	50.00	ppb	#	0.00
40) 1,4-Difluourobenzene	5.861	114	605724	50.00	ppb	#	0.00
65) Chlorobenzene-d5	9.670	117	610017	50.00	ppb	#	0.00
88) 1,4-Dichlorobenzene-d4	12.292	152	424391	50.00	ppb		0.00
System Monitoring Compounds							
34) Dibromofluouromethane	4.267	113	203877	50.04	ppb		0.00
51) 1,2-Dichloroethane-d4	4.937	65	218257	51.31	ppb		0.00
76) Toluene-d8	7.966	98	704360	50.56	ppb		0.00
89) 4-Bromofluourobenzene	11.020	174	383269	51.76	ppb		0.00
Target Compounds							Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.			
3) 75-45-6!Chlorodifluoro...	1.353	51	361	N.D.			
4) 74-87-3!Chloromethane	1.487	50	2493	1.67	ppb	#	91
5) 75-01-4!Chloroethene (...	0.000		0	N.D.			
6) 74-83-9!Bromomethane	1.737	94	2258	2.23	ppb	#	57
7) 75-00-3!Chloroethane	0.000		0	N.D.			
8) 75-69-4!Trichloromonof...	0.000		0	N.D.			
9) 60-29-7!Ethyl ether	0.000		0	N.D.			
10) 107-02-8!Acrolein	2.309	56	161	0.36	ppb	#	11
11) 67-64-1!Acetone	2.120	43	4596	Below Cal			97
12) 75-35-4!1,1-Dichloroet...	2.309	61	156	1.71	ppb	#	34
13) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.			
14) 76-13-1!Freon 113	0.000		0	N.D.			
15) 70-20-9!Methyl Acetate	2.467	43	1229	0.26	ppb	#	61
16) 107-05-1!Allyl chloride	2.509	41	208	N.D.			
17) 74-88-4!Methyl iodide	0.000		0	N.D.			
18) 107-13-1!Acrylonitrile	2.667	53	116	2.13	ppb	#	27
19) 75-09-2!Methylene chlo...	2.558	49	16381	0.77	ppb		97
20) 75-15-0!Carbon disulfide	2.643	76	150	1.60	ppb	#	1
21) 1634-04-4!MTBE	2.905	73	130	Below Cal		#	1
22) 156-60-5!trans[E]-1,2-...	2.947	61	443	1.13	ppb	#	79
23) 110-54-3!Hexane	3.324	57	1191	N.D.			
24) 75-34-3!1,1-Dichloroet...	3.251	63	122	N.D.			
25) 108-05-4!Vinyl acetate	3.221	43	426	Below Cal		#	75
26) 637-92-3!tert-Butyl Et...	3.866	59	163	N.D.			
27) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.			
28) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.			
29) 594-20-7!2,2-Dichlorop...	4.042	77	124	0.90	ppb	#	51
30) 74-97-5!Bromochloromet...	0.000		0	N.D.			
31) 67-66-3!Chloroform	4.073	83	606	N.D.			
32) 109-99-9!Tetrahydrofuran	4.286	42	164	2.58	ppb	#	1
33) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.			
35) 994-05-8!tert-Amyl Met...	5.618	73	149	N.D.			
36) 107-06-2!1,2-Dichloroe...	5.077	62	451	N.D.			
37) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.			
38) 56-23-5!Carbon tetrach...	0.000		0	N.D.			
39) 71-43-2!Benzene	5.314	78	461	N.D.			

41)	79-01-6!Trichloroethylene	0.000		0	N.D.		
42)	80-62-6!Methyl methacr...	6.737	41	223	N.D.		
43)	78-87-5!1,2-Dichloropr...	6.658	63	127	N.D.		
44)	74-95-3!Dibromomethane	0.000		0	N.D.		
45)	79-46-9!2-Nitropropane	6.731	43	187	N.D.		
46)	123-91-1!1,4 Dioxane	0.000		0	N.D.		
47)	75-27-4!Bromodichlorom...	6.658	83	137	N.D.		
48)	110-75-8!2-Chloroethyl...	7.175	63	138	Below Cal	#	3
49)	108-10-1!Methyl isobut...	0.000		0	N.D.		
50)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
52)	556-61-6!Vorlex	7.796	73	130	N.D.		
53)	108-88-3!Toluene	8.057	91	1346	N.D.		
54)	97-63-2!Ethyl methacry...	8.429	69	114	N.D.		
55)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
56)	111-65-9!Octane	8.441	43	188	N.D.		
57)	79-00-5!1,1,2-Trichlor...	8.337	97	108	N.D.		
58)	591-78-6!2-Hexanone	8.648	58	127	2.92 ppb	#	42
59)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
60)	123-86-4!n-Butyl acetate	8.915	43	228	Below Cal	#	1
61)	124-48-1!Dibromochloro...	0.000		0	N.D.		
62)	127-18-4!Tetrachloroet...	0.000		0	N.D.		
63)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
64)	111-84-2!Nonane	10.242	43	574	N.D.		
66)	108-90-7!Chlorobenzene	9.676	112	314	N.D.		
67)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
68)	100-41-4!Ethylbenzene	9.895	91	373	N.D.		
69)	1330-20-7!p&m-Xylene	10.023	91	1994	N.D.		
70)	100-42-5!Styrene	10.430	104	451	N.D.		
71)	95-47-6!o-Xylene	10.454	91	871	N.D.		
72)	75-25-2!Bromoform	10.521	173	1133	0.27 ppb	#	91
73)	79-34-5!1,1,2,2-Tetrac...	10.959	83	162	N.D.		
74)	98-82-8!Isopropylbenzene	11.002	105	490	N.D.		
75)	96-18-4!1,2,3-Trichlor...	11.020	110	304	0.28 ppb	#	1
77)	124-18-5!Decane	11.732	57	224	1.99 ppb	#	38
78)	108-86-1!Bromobenzene	11.166	77	252	N.D.		
79)	103-65-1!n-Propylbenzene	11.337	91	616	N.D.		
80)	95-49-8!2-Chlorotoluene	11.422	91	377	N.D.		
81)	622-96-8!p-Ethyltoluene	11.446	105	1232	N.D.		
82)	106-43-4!4-Chlorotoluene	11.483	91	333	N.D.		
83)	108-67-8!1,3,5-Trimeth...	11.549	105	353	N.D.		
84)	98-06-6!tert-Butylbenzene	11.799	134	178	N.D.		
85)	95-63-6!1,2,4-Trimethy...	11.933	105	715	N.D.		
86)	135-98-8!sec-Butylbenzene	12.219	105	128	N.D.		
87)	5989-27-5!D-Limonene	12.456	68	124	1.49 ppb	#	1
90)	541-73-1!1,3-Dichlorob...	12.213	146	165	Below Cal	#	26
91)	99-87-6!p-Isopropyltol...	12.292	119	1764	0.23 ppb	#	10
92)	106-46-7!1,4-Dichlorob...	12.310	146	653	Below Cal	#	26
93)	1120-21-4!Undecane	12.979	57	1093	Below Cal	#	40
94)	493-02-7!trans-Decahyd...	0.000		0	N.D.		
95)	95-50-1!1,2-Dichlorobe...	12.638	146	143	Below Cal	#	25
96)	105-05-5!1,4-Diethylbe...	12.718	119	163	0.59 ppb	#	15
97)	104-51-8!n-Butylbenzene	12.711	91	650	Below Cal	#	45
98)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
99)	493-01-6!cis-Decahydro...	13.460	67	177	Below Cal	#	46
100)	95-93-2!1,2,4,5-Tetram...	13.484	119	146	Below Cal	#	1
101)	120-82-1!1,2,4-Trichlo...	14.409	180	274	Below Cal	#	61
102)	91-20-3!Naphthalene	14.549	128	718	1.70 ppb	#	53
103)	87-68-3!Hexachlorobuta...	0.000		0	N.D.		
104)	87-61-6!1,2,3-Trichlor...	14.829	180	132	Below Cal	#	47

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ADDCMPDS03262024.M Wed Apr 10 15:01:16 2024

BFB

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : S414018-TUN1.D
Acq On : 2 Apr 2024 10:44 am
Operator : JD
Sample : S414018-TUN1
Misc : CHEM02
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Title : EPA 8260 Multi point calibration
Last Update : Fri Mar 29 14:47:02 2024

AutoFind: Scans 1796, 1797, 1798; Background Corrected with Scan 1787

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	174	50	200	75.3	174869	PASS
96	95	5	9	6.7	11693	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	132.9	232384	PASS
175	174	5	9	7.7	17893	PASS
176	174	95	105	96.1	223424	PASS
177	176	5	10	6.5	14482	PASS

ADDCMPDS03262024.M Wed Apr 10 15:01:27 2024

Data Path : C:\msdchem\1\data\2024\04 2024\0402\
Data File : S414018-TUN2.D
Acq On : 2 Apr 2024 2:03 pm
Operator : JD
Sample : S414018-TUN2
Misc : CHEM02
ALS Vial : 7 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\SOIL SHIT\QUANT\ADDCMPDS03262024.M
Title : EPA 8260 Multi point calibration
Last Update : Fri Mar 29 14:47:02 2024

AutoFind: Scans 1797, 1798, 1799; Background Corrected with Scan 1789

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	174	50	200	74.1	231147	PASS
96	95	5	9	6.6	15246	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	200	135.0	312085	PASS
175	174	5	9	7.2	22317	PASS
176	174	95	105	95.5	298005	PASS
177	176	5	10	6.2	18555	PASS

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\03 2024\0328\
Data File : 4032817-09.D
Acq On : 28 Mar 2024 6:18 pm
Operator : JD
Sample : 4032817-09
Misc : CHEM05
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 29 16:08:41 2024
Quant Method : C:\msdchem\1\methods\20240326.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Tue Mar 26 14:40:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
1) Pentafluourobenzene	5.193	168	1088169	50.00 ppb	#	0.00
33) 1,4-Difluourobenzene	5.947	114	1767684	50.00 ppb	#	0.00
51) Chlorobenzene-d5	8.849	117	1704790	50.00 ppb	#	0.00
72) 1,4-Dichlorobenzene-d4	11.228	152	886287	50.00 ppb		0.00
System Monitoring Compounds						
28) Dibromofluouromethane	4.992	113	505298	47.60 ppb		0.00
42) 1,2-Dichloroethane-d4	5.412	65	594791	48.73 ppb		0.00
62) Toluene-d8	7.444	98	1952285	49.85 ppb		0.00
73) 4-Bromofluourobenzene	10.035	174	742844	50.03 ppb		0.00
Target Compounds						Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.		
3) 75-45-6!Chlorodifluoro...	0.000		0	N.D.		
4) 74-87-3!Chloromethane	1.780	50	1174	0.11 ppb	#	53
5) 75-01-4!Chloroethene (...	0.000		0	N.D.		
6) 74-83-9!Bromomethane	2.163	94	227	N.D.		
7) 75-00-3!Chloroethane	0.000		0	N.D.		
8) 75-69-4!Trichloromonof...	0.000		0	N.D.		
9) 107-02-8!Acrolein	0.000		0	N.D.		
10) 67-64-1!Acetone	2.704	43	7802	Below Cal		94
11) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.		
12) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.		
13) 76-13-1!Freon 113	0.000		0	N.D.		
14) 70-20-9!Methyl Acetate	3.197	43	2567	0.13 ppb	#	56
15) 107-13-1!Acrylonitrile	0.000		0	N.D.		
16) 75-09-2!Methylene chlo...	3.331	49	47958	3.66 ppb	#	83
17) 75-15-0!Carbon disulfide	3.410	76	1475	0.10 ppb	#	1
18) 1634-04-4!MTBE	0.000		0	N.D.		
19) 156-60-5!trans[E]-1,2-...	0.000		0	N.D.		
20) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.		
21) 108-05-4!Vinyl acetate	4.189	43	1816	N.D.		
22) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.		
23) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.		
24) 594-20-7!2,2-Dichlorop...	0.000		0	N.D.		
25) 74-97-5!Bromochloromet...	0.000		0	N.D.		
26) 67-66-3!Chloroform	4.840	83	3648	0.32 ppb	#	96
27) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.		
29) 107-06-2!1,2-Dichloroe...	5.497	62	711	N.D.		
30) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.		
31) 56-23-5!Carbon tetrach...	0.000		0	N.D.		
32) 71-43-2!Benzene	5.637	78	229	N.D.		
34) 79-01-6!Trichloroethylene	0.000		0	N.D.		
35) 78-87-5!1,2-Dichloropr...	0.000		0	N.D.		
36) 74-95-3!Dibromomethane	0.000		0	N.D.		
37) 123-91-1!1,4 Dioxane	6.501	88	1956	Below Cal	#	56
38) 75-27-4!Bromodichlorom...	0.000		0	N.D.		
39) 110-75-8!2-Chloroethyl...	0.000		0	N.D.		
40) 108-10-1!Methyl isobut...	0.000		0	N.D.		

41)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
43)	108-88-3!Toluene	7.517	91	9198	0.38 ppb		86
44)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
45)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
46)	591-78-6!2-Hexanone	0.000		0	N.D.		
47)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
48)	124-48-1!Dibromochloro...	0.000		0	N.D.		
49)	127-18-4!Tetrachloroet...	8.222	166	495	N.D.		
50)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
52)	108-90-7!Chlorobenzene	8.873	112	1463	0.09 ppb	#	1
53)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
54)	100-41-4!Ethylbenzene	9.019	91	4492	0.18 ppb		95
55)	1330-20-7!p&m-Xylene	9.129	91	10405	0.53 ppb		98
56)	100-42-5!Styrene	0.000		0	N.D.		
57)	95-47-6!o-Xylene	9.518	91	3265	0.16 ppb	#	86
58)	75-25-2!Bromoform	0.000		0	N.D.		
59)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
60)	98-82-8!Isopropylbenzene	9.907	105	743	N.D.		
61)	96-18-4!1,2,3-Trichlor...	0.000		0	N.D.		
63)	108-86-1!Bromobenzene	0.000		0	N.D.		
64)	103-65-1!n-Propylbenzene	10.321	91	1606	N.D.		
65)	95-49-8!2-Chlorotoluene	10.412	91	433	N.D.		
66)	622-96-8!p-Ethyltoluene	10.437	105	2513	0.11 ppb	#	78
67)	106-43-4!4-Chlorotoluene	10.473	91	838	N.D.		
68)	108-67-8!1,3,5-Trimeth...	10.498	105	1340	N.D.		
69)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
70)	95-63-6!1,2,4-Trimethy...	10.875	105	3154	0.16 ppb	#	97
71)	135-98-8!sec-Butylbenzene	11.069	105	1002	N.D.		
74)	541-73-1!1,3-Dichlorob...	11.167	146	834	N.D.		
75)	99-87-6!p-Isopropyltol...	11.209	119	1593	0.09 ppb	#	70
76)	106-46-7!1,4-Dichlorob...	11.252	146	1167	0.10 ppb	#	1
77)	95-50-1!1,2-Dichlorobe...	11.580	146	283	N.D.		
78)	105-05-5!1,4-Diethylbe...	11.611	119	1633	0.16 ppb	#	73
79)	104-51-8!n-Butylbenzene	11.611	91	2282	0.14 ppb	#	84
80)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
81)	95-93-2!1,2,4,5-Tetram...	12.383	119	2205	0.13 ppb	#	72
82)	120-82-1!1,2,4-Trichlo...	13.296	180	1136	0.15 ppb	#	64
83)	91-20-3!Naphthalene	13.454	128	2277	0.09 ppb	#	73
84)	87-68-3!Hexachlorobuta...	13.576	225	237	0.09 ppb	#	20
85)	87-61-6!1,2,3-Trichlor...	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

20240326.M Wed Apr 10 15:03:03 2024 CHEM05

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2024\03 2024\0328\
Data File : 4032817-10.D
Acq On : 28 Mar 2024 6:42 pm
Operator : JD
Sample : 4032817-10
Misc : CHEM05
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 29 16:09:24 2024
Quant Method : C:\msdchem\1\methods\20240326.M
Quant Title : EPA 8260 Multi point calibration
QLast Update : Tue Mar 26 14:40:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluourobenzene	5.193	168	1102695	50.00 ppb	# 0.00
33) 1,4-Difluourobenzene	5.947	114	1778575	50.00 ppb	# 0.00
51) Chlorobenzene-d5	8.843	117	1705168	50.00 ppb	# 0.00
72) 1,4-Dichlorobenzene-d4	11.228	152	897127	50.00 ppb	0.00
System Monitoring Compounds					
28) Dibromofluouromethane	4.986	113	514530	47.83 ppb	0.00
42) 1,2-Dichloroethane-d4	5.412	65	595145	48.46 ppb	0.00
62) Toluene-d8	7.444	98	1977561	50.48 ppb	0.00
73) 4-Bromofluourobenzene	10.035	174	755600	50.27 ppb	0.00
Target Compounds					Qvalue
2) 75-71-8!Dichlorodifluo...	0.000		0	N.D.	
3) 75-45-6!Chlorodifluoro...	0.000		0	N.D.	
4) 74-87-3!Chloromethane	1.780	50	1086	0.10 ppb	# 53
5) 75-01-4!Chloroethene (...	0.000		0	N.D.	
6) 74-83-9!Bromomethane	0.000		0	N.D.	
7) 75-00-3!Chloroethane	0.000		0	N.D.	
8) 75-69-4!Trichloromonof...	0.000		0	N.D.	
9) 107-02-8!Acrolein	0.000		0	N.D.	
10) 67-64-1!Acetone	2.704	43	7252	Below Cal	# 87
11) 75-35-4!1,1-Dichloroet...	0.000		0	N.D.	
12) 75-65-0!Tert-Butyl Alc...	0.000		0	N.D.	
13) 76-13-1!Freon 113	0.000		0	N.D.	
14) 70-20-9!Methyl Acetate	3.203	43	2871	0.14 ppb	# 56
15) 107-13-1!Acrylonitrile	0.000		0	N.D.	
16) 75-09-2!Methylene chlo...	3.331	49	50912	3.84 ppb	# 82
17) 75-15-0!Carbon disulfide	3.398	76	1980	0.13 ppb	# 36
18) 1634-04-4!MTBE	0.000		0	N.D.	
19) 156-60-5!trans[E]-1,2-...	0.000		0	N.D.	
20) 75-34-3!1,1-Dichloroet...	0.000		0	N.D.	
21) 108-05-4!Vinyl acetate	4.195	43	1726	N.D.	
22) 78-93-3!2-Butanone (MEK)	0.000		0	N.D.	
23) 156-59-2!cis[Z]-1,2dic...	0.000		0	N.D.	
24) 594-20-7!2,2-Dichlorop...	0.000		0	N.D.	
25) 74-97-5!Bromochloromet...	0.000		0	N.D.	
26) 67-66-3!Chloroform	4.834	83	3332	0.29 ppb	# 92
27) 71-55-6!1,1,1-Trichlor...	0.000		0	N.D.	
29) 107-06-2!1,2-Dichloroe...	5.491	62	1272	0.11 ppb	# 72
30) 563-58-6!1,1-Dichlorop...	0.000		0	N.D.	
31) 56-23-5!Carbon tetrach...	0.000		0	N.D.	
32) 71-43-2!Benzene	5.631	78	415	N.D.	
34) 79-01-6!Trichloroethylene	6.318	130	192	N.D.	
35) 78-87-5!1,2-Dichloropr...	0.000		0	N.D.	
36) 74-95-3!Dibromomethane	0.000		0	N.D.	
37) 123-91-1!1,4 Dioxane	6.507	88	1907	Below Cal	# 68
38) 75-27-4!Bromodichlorom...	0.000		0	N.D.	
39) 110-75-8!2-Chloroethyl...	0.000		0	N.D.	
40) 108-10-1!Methyl isobut...	0.000		0	N.D.	

41)	10061-01-5!cis[Z]-1,3-...	0.000		0	N.D.		
43)	108-88-3!Toluene	7.523	91	8447	0.35 ppb		90
44)	10061-02-6!trans[E]-1,...	0.000		0	N.D.		
45)	79-00-5!1,1,2-Trichlor...	0.000		0	N.D.		
46)	591-78-6!2-Hexanone	0.000		0	N.D.		
47)	142-28-9!1,3-Dichlorop...	0.000		0	N.D.		
48)	124-48-1!Dibromochloro...	0.000		0	N.D.		
49)	127-18-4!Tetrachloroet...	8.228	166	385	N.D.		
50)	106-93-4!1,2-Dibromoet...	0.000		0	N.D.		
52)	108-90-7!Chlorobenzene	8.885	112	730	N.D.		
53)	630-20-6!1,1,1,2-Tetra...	0.000		0	N.D.		
54)	100-41-4!Ethylbenzene	9.019	91	3806	0.15 ppb		93
55)	1330-20-7!p&m-Xylene	9.129	91	10305	0.53 ppb		99
56)	100-42-5!Styrene	9.494	104	234	N.D.		
57)	95-47-6!o-Xylene	9.518	91	3573	0.18 ppb	#	87
58)	75-25-2!Bromoform	0.000		0	N.D.		
59)	79-34-5!1,1,2,2-Tetrac...	0.000		0	N.D.		
60)	98-82-8!Isopropylbenzene	9.907	105	894	N.D.		
61)	96-18-4!1,2,3-Trichlor...	0.000		0	N.D.		
63)	108-86-1!Bromobenzene	0.000		0	N.D.		
64)	103-65-1!n-Propylbenzene	10.315	91	2474	0.10 ppb	#	80
65)	95-49-8!2-Chlorotoluene	10.406	91	511	N.D.		
66)	622-96-8!p-Ethyltoluene	10.431	105	2415	0.11 ppb	#	65
67)	106-43-4!4-Chlorotoluene	10.467	91	908	N.D.		
68)	108-67-8!1,3,5-Trimeth...	10.498	105	1724	0.09 ppb	#	50
69)	98-06-6!tert-Butylbenzene	0.000		0	N.D.		
70)	95-63-6!1,2,4-Trimethy...	10.869	105	3325	0.17 ppb	#	87
71)	135-98-8!sec-Butylbenzene	11.075	105	1196	N.D.		
74)	541-73-1!1,3-Dichlorob...	11.161	146	1001	0.08 ppb	#	66
75)	99-87-6!p-Isopropyltol...	11.215	119	1559	0.09 ppb	#	1
76)	106-46-7!1,4-Dichlorob...	11.252	146	863	N.D.		
77)	95-50-1!1,2-Dichlorobe...	11.580	146	509	N.D.		
78)	105-05-5!1,4-Diethylbe...	11.605	119	1522	0.15 ppb	#	70
79)	104-51-8!n-Butylbenzene	11.611	91	2025	0.12 ppb	#	88
80)	96-12-8!1,2-dibromo-3-...	0.000		0	N.D.		
81)	95-93-2!1,2,4,5-Tetram...	12.383	119	1895	0.11 ppb	#	81
82)	120-82-1!1,2,4-Trichlo...	13.302	180	1091	0.15 ppb	#	80
83)	91-20-3!Naphthalene	13.448	128	1236	N.D.		
84)	87-68-3!Hexachlorobuta...	13.576	225	251	0.10 ppb	#	20
85)	87-61-6!1,2,3-Trichlor...	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

20240326.M Wed Apr 10 15:03:10 2024 CHEM05

Let It Grow, Inc.
Landscape & Site Construction

52 Ackerson St.
River Edge, NJ 07661
TEL: 201.489.9499
FAX: 201.489.0808
www.letitgrow.com

Submittal

23-007 — Halletts Point 20-30

Subject : Sandy Loam Topsoil Testing Options

To

Dana Decuzzi
Urban Atelier Group
85 Fifth Avenue
New York, NY 10003
Mobile: 480.262.3768
ddecuzzi@uag.nyc

Return To

Chris DeBlasio
Let It Grow, Inc.
52 Ackerson St.
River Edge
River Edge, New Jersey 07661
Phone No: 2014786245
cdeblasio@letitgrow.com

Copy To

Number :	**23-007-G-329100-4053 R1**
Spec Section No :	329100 Planting Soils
Submittal Number:	G-329100-4053 R1
Date Sent :	3/26/2024
Type :	Original Submittal
Method Sent :	Email
Reason For Sending :	For Approval
Status :	To Be Submitted

Details

Line No	Item	Copies	Date	Reference No	Description
001	Product Data	1	3/26/2024		Sandy loam topsoil test results Option 1) The Dirt Company. Alan Marolf (917) 524-5054. amarolf@comcast.net 151 South St. Manorville, NY 11949 Option 2) Natures Choice Philip Lombardozzi (973) 969-3299 25 Baler Blvd, Kearny, NJ 07032 Option 3) Advanced Soil Technology Jena Moriau (732) 840-6794. Jena@AdvancedSoilTechnologies.com 276 Deans Rhode Hall Rd. Dayton, NJ 08810

Let It Grow, Inc.
Landscape & Site Construction

52 Ackerson St.
River Edge, NJ 07661
TEL: 201.489.9499
FAX: 201.489.0808
www.letitgrow.com

Line No	Item	Copies	Date	Reference No	Description
					Option 4) NaturCycle Charles Duprey (315) 707-8955. cduprey@naturcycle.com 17 Canoe Hill Rd. Millbrook NY 12545

Notes

4 Sandy Loam Topsoil Test Results
Location: Esplanade

*Please return submitted items by **4/9/2024**.*

Signed By: _____ **Dated:** 3/26/2024

OPTION 1

CTL
CERTIFIED TESTING LABORATORIES, INC.

Client: The Dirt Company - Northeast
PO BOX 156
Jamesburg, New Jersey 08831

Date: 3/14/24

Lab No.: B-402-24

Project: QA/QC

Report No.: AG-16

On Sample of: Soil Material

Sampled By: Client

Received: 3/11/24

Marked: Planting Bed Soil

EXAMINED WITH THE FOLLOWING RESULTS:

Sieve Analysis	Results	Specification		
1. Material Passing 1 1/2”	100	100		
Material Retained on #10	7.8	15% 0-8%		
2. Gradation for material passing #10				
#10	100	100	Sand:	77.0
#18	94.0	75-93	Silt:	17.2
#35	82.1	50-80	Clay:	5.8
#60	48.3	29-56		
#140	26.7	19-30		
#270	23.0	18-23		
.002mm	4.1	2-7		
3. Ratio of the particle size for 80% passing (D_{80}) to the particle size for 30% passing (D_{30}) (D_{80}/D_{30})	3.5	< 8.0		
4. Saturated Hydraulic Conductivity when compacted to a minimum of 85% of ASTM D698	5.8 in/hr.	≥ 2.0 in/hr.		
5. Organic content	7.2	5.0-7.0 3%-8%		
6. pH Value	6.3	6.0-6.5 5.8-7.0		

7. Standard Proctor (ASTM D698) See attached curve

Respectfully Submitted,
Certified Testing Laboratories, Inc.

Terry Kifer

TK/Kd

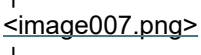
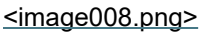
Terry Kifer, General Manager

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From: Rachel Miller
To: Ahmed, Hasan R (DEC)
Cc: O"Connell, Jane H (DEC); Maycock, Cris-Sandra (DEC); Charlie McGuckin
Subject: Re: BCP C241192 - HLP 20 and 30 Proposed Import (ORI - Horticultural Subsoil)
Date: Thursday, April 4, 2024 6:10:31 PM
Attachments: image006.png
image007.png
image008.png
image009.png
image010.png
image011.png
image012.png
image013.png
image014.png

Thank you Hasan.

> On Apr 4, 2024, at 6:09 PM, Ahmed, Hasan R (DEC) <hasan.ahmed@dec.ny.gov> wrote:
>
> **This message originated outside your organization. Please use caution!**
>
> ---
>
> Rachel:
>
> The Department has reviewed the request dated 3/28/24 to import 1500 cu yards of fill material from Organic Recycling Inc. located at 121 NY-303, Tappan, NY 10983. Based on the information provided, the request is hereby approved.
>
> The proposed fill material meets the Unrestricted and groundwater protection soil cleanup objectives (SCOs) (as provided in Appendix 5 of DER-10 and the guidance document “Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs”). This material will be used as horticultural subsoil in the Track 4 area of the Site.
>
> Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.
>
> Thank you.
>
> **Hasan Ahmed**
> Project Manager, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation
>
> **New York State Department of Environmental Conservation**
> 47-40 21st Street, Long Island City, NY 11101
> P: (718) 482-6405 | F: (718) 482-6358 | hasan.ahmed@dec.ny.gov
> www.dec.ny.gov |


|

|




From: Rachel Miller <rmiller@rouxinc.com>
Sent: Thursday, March 28, 2024 5:21 PM
To: Ahmed, Hasan R (DEC) <hasan.ahmed@dec.ny.gov>
Cc: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; cmcguckin@rouxinc.com
Subject: BCP C241192 - HLP 20 and 30 Proposed Import (ORI - Horticultural Subsoil)

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Hasan,

I just submitted an import request on the DEC file transfer service. Please confirm you have received it.

We are requesting the import of 1,500 CY of horticultural subsoil for use as backfill in the landscaping areas of the Track 4 areas. The material is from Organic Recycling Inc. (ORI) located at 121 NY-303, Tappan, NY 10983 . The submitted PDF contains a figure of the general location of soil placement, the facility permit, a table of the soil sampling results compared to UUSCOs, the lab reports, and the sieve analysis. The following composite and grab samples were collected to represent the soil:

Composites (all sampling results are on the soil summary table on page 19 through 34 of the PDF):
SS-10
SS-11
SS-12

Grabs:
SS-1
SS-2
SS-3
SS-4
SS-5
SS-6

SS-7
SS-8
SS-9

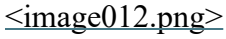
Kindly review and please let me know if this material is approved for import.

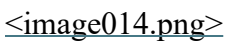
Thank you,
Rachel

Rachel Miller | Project Engineer
209 Shafter Street Islandia, New York 11749
Main: 631.232.2600 | Direct: 631.630.2436 | Mobile: 631.834.1458
Email: rmiller@rouxinc.com | Website: www.rouxinc.com



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From:	Ahmed, Hasan R (DEC)
To:	Rachel Miller
Cc:	O"Connell, Jane H (DEC); Maycock, Cris-Sandra (DEC); Charlie McGuckin
Subject:	RE: BCP C241192 - HLP 20 and 30 Proposed Import (The Dirt Company - Topsoil)
Date:	Friday, April 26, 2024 11:33:00 AM
Attachments:	image006.png image007.png image008.png image009.png image010.png image011.png image012.png image013.png image014.png

This message originated outside your organization. Please use caution!

Rachel

The Department has reviewed the request dated 4/19/24 to import 700 cu yards of fill material from The Dirt Company located at 151 South St. Manorville, NY 11949. Based on the information provided, the request is hereby approved.

The proposed fill material meets the lower of Restricted Residential Use SCOs and the Protection of Groundwater Standards (SCOs) (as provided in Appendix 5 of DER-10 and the guidance document “Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs”). This material will be used as topsoil in the Track 4 area of the Site.

Testing in accordance with DER-10 and the Remedial Design Work Plan and approval by the Department is required for any additional material imported from this source.

Thank you.

Hasan Ahmed

Project Manager, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

New York State Department of Environmental Conservation

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-6405 | F: (718) 482-6358 | hasan.ahmed@dec.ny.gov

www.dec.ny.gov | | |

From: Rachel Miller

Sent: Friday, April 19, 2024 5:48 PM

To: Ahmed, Hasan R (DEC)

Cc: O'Connell, Jane H (DEC) ; Maycock, Cris-Sandra (DEC) ; cmcguckin@rouxinc.com

Subject: BCP C241192 - HLP 20 and 30 Proposed Import (The Dirt Company - Topsoil)

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Hasan,

I just submitted an import request on the DEC file transfer service. Please confirm you have received it.

We are requesting the import of 700 CY of topsoil for use as topsoil in the landscaping areas of

the Track 4 areas. The material is from The Dirt Company located at 151 South St. Manorville, NY 11949. The submitted PDF contains a figure of the general location of soil placement, a letter from the facility, a table of the soil sampling results compared to Protection of Groundwater Standards and RRSCOs, the lab report, and the sieve analysis. Two composite samples and six grab samples were collected from the proposed soil. The soil summary table begins on page 7.

Kindly review and please let me know if this material is approved for import.

Thank you,

Rachel

Rachel Miller | Project Engineer

209 Shafter Street Islandia, New York 11749

Main: 631.232.2600 | Direct: 631.630.2436 | Mobile: 631.834.1458

Email: rmiller@rouxinc.com | Website: www.rouxinc.com



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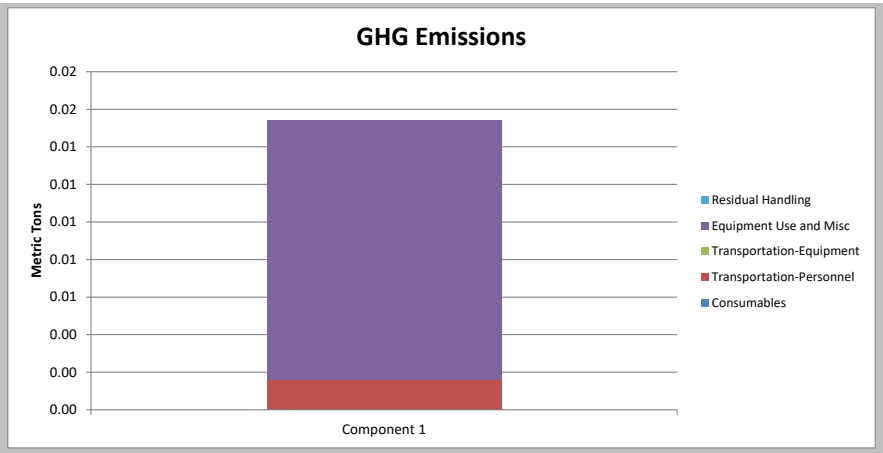
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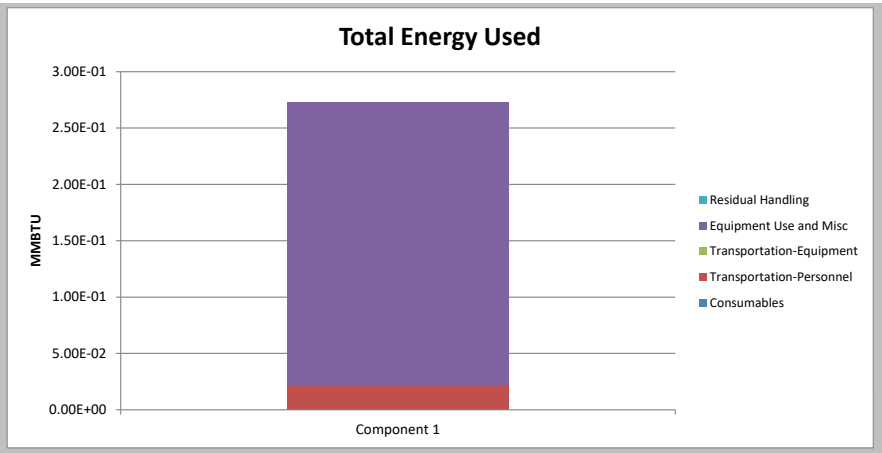
APPENDIX E

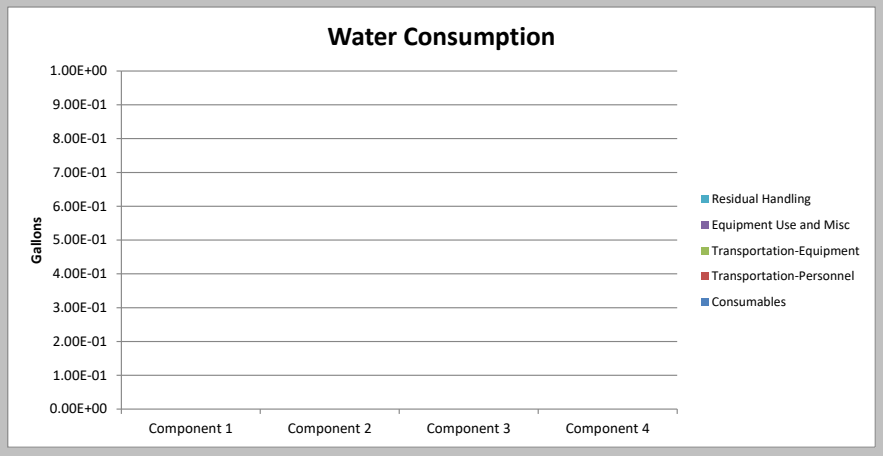
Summary of Green Remediation Metrics for Site Management

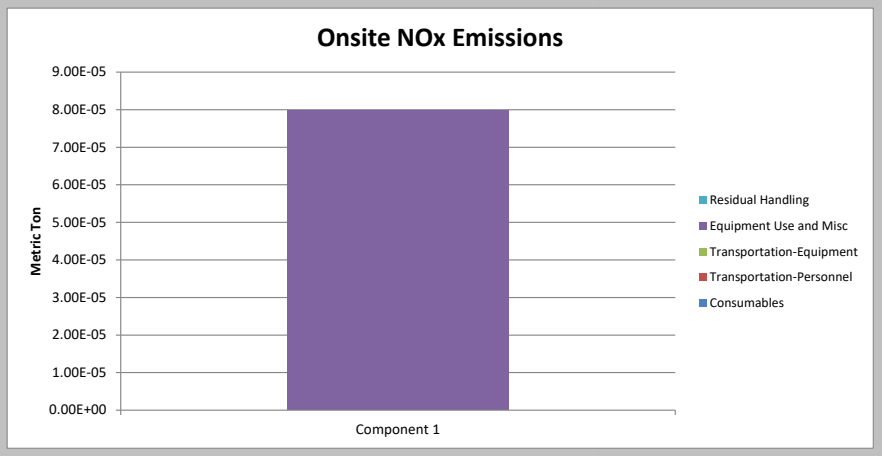
Sustainable Remediation - Environmental Footprint Summary

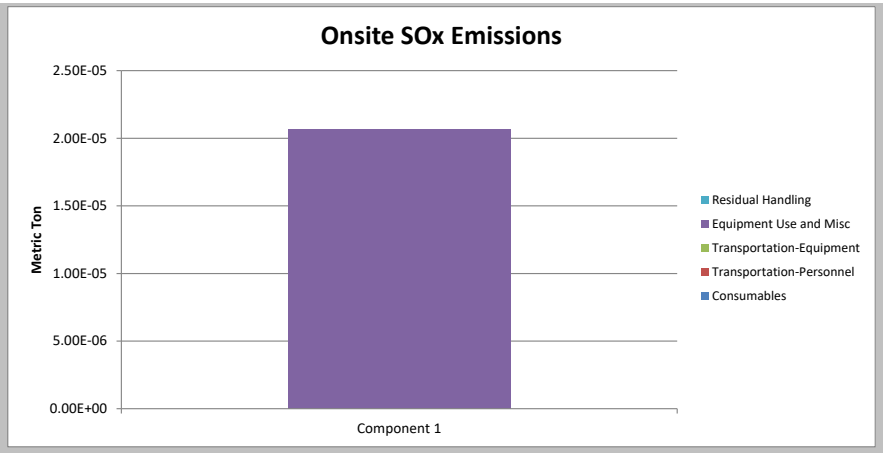
Phase	Activities	GHG Emissions	Total Energy Used	Water Consumption	Electricity Usage	Onsite NOx Emissions	Onsite SOx Emissions	Onsite PM10 Emissions	Total NOx Emissions	Total SOx Emissions	Total PM10 Emissions	Accident Risk Fatality	Accident Risk Injury
		metric ton	MMBTU	gallons	MWH	metric ton	metric ton	metric ton	metric ton	metric ton	metric ton		
Component 1	Consumables	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	NA	NA
	Transportation-Personnel	0.00	2.1E-02	NA	NA	NA	NA	NA	1.4E-05	1.1E-07	3.8E-07	4.0E-09	5.2E-07
	Transportation-Equipment	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Equipment Use and Misc	0.01	2.5E-01	0.0E+00	0.0E+00	8.0E-05	2.1E-05	7.5E-06	9.1E-05	2.7E-05	9.2E-06	7.5E-07	1.9E-04
	Residual Handling	0.00	0.0E+00	NA	NA	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Sub-Total	0.02	2.73E-01	0.00E+00	0.00E+00	7.98E-05	2.06E-05	7.51E-06	1.05E-04	2.67E-05	9.60E-06	7.57E-07	1.90E-04
Total		**1.5E-02**	**2.7E-01**	**0.0E+00**	**0.0E+00**	**8.0E-05**	**2.1E-05**	**7.5E-06**	**1.1E-04**	**2.7E-05**	**9.6E-06**	**7.6E-07**	**1.9E-04**

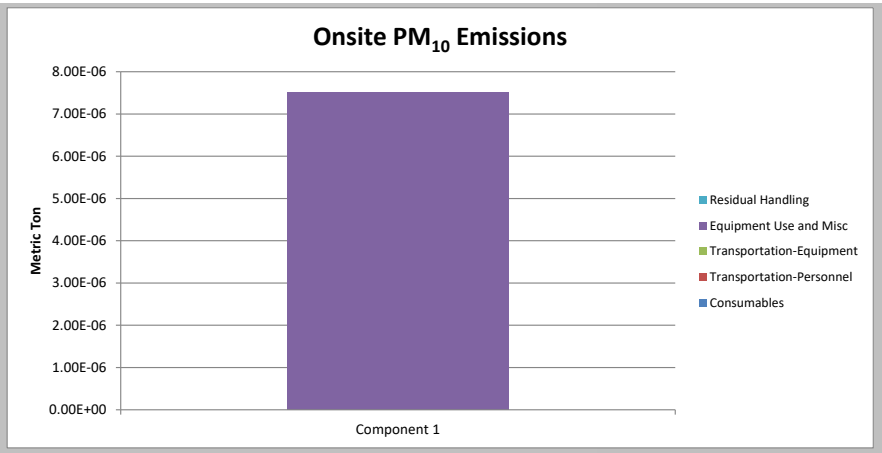

GHG Emissions
Metric Tons
0.02
0.02
0.01
0.01
0.01
0.01
0.01
0.00
0.00
0.00
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

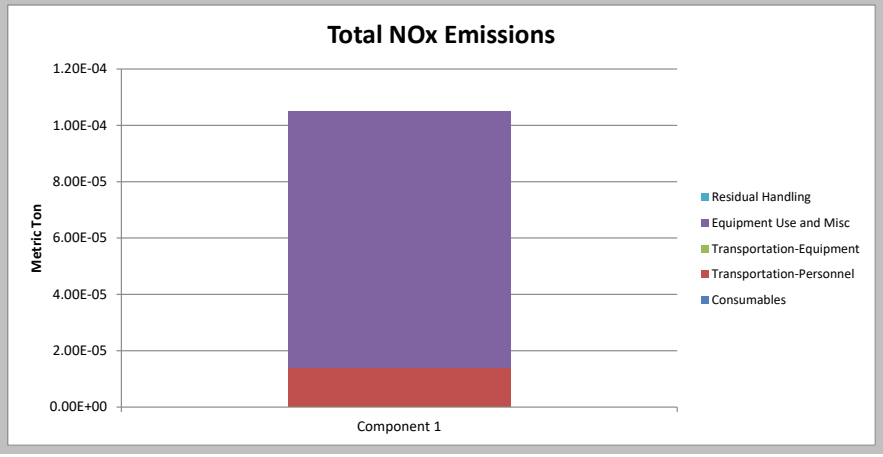

Total Energy Used
MMBTU
3.00E-01
2.50E-01
2.00E-01
1.50E-01
1.00E-01
5.00E-02
0.00E+00
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

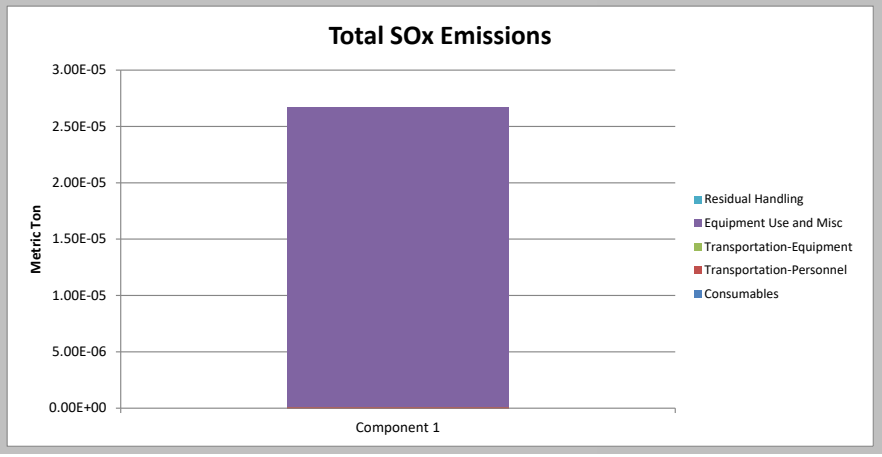

Water Consumption
Gallons
1.00E+00
9.00E-01
8.00E-01
7.00E-01
6.00E-01
5.00E-01
4.00E-01
3.00E-01
2.00E-01
1.00E-01
0.00E+00
Component 1
Component 2
Component 3
Component 4
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

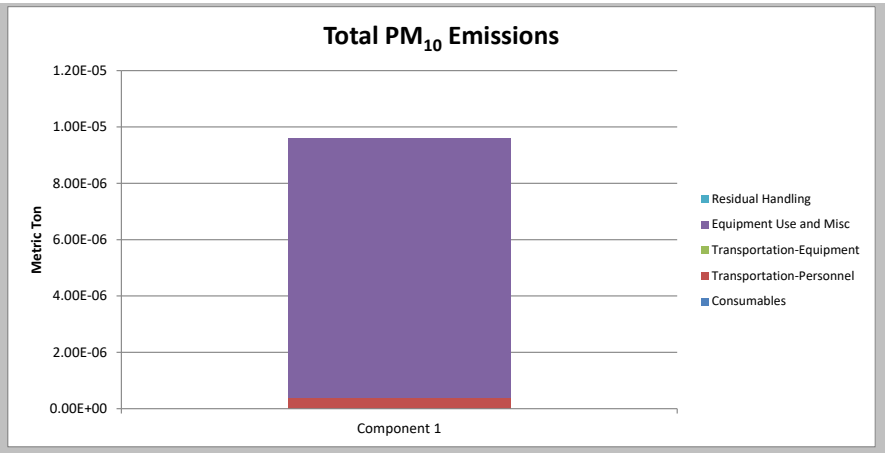

Onsite NOx Emissions
Metric Ton
9.00E-05
8.00E-05
7.00E-05
6.00E-05
5.00E-05
4.00E-05
3.00E-05
2.00E-05
1.00E-05
0.00E+00
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

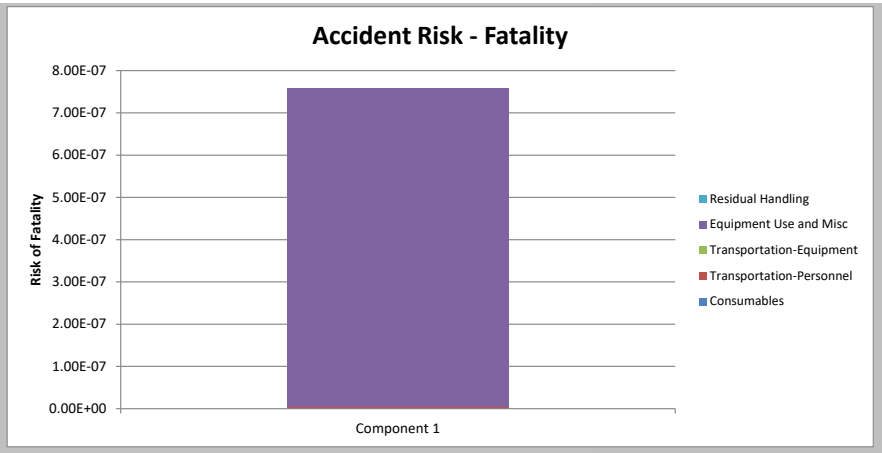

Onsite SOx Emissions
2.50E-05
2.00E-05
1.50E-05
1.00E-05
5.00E-06
0.00E+00
Metric Ton
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

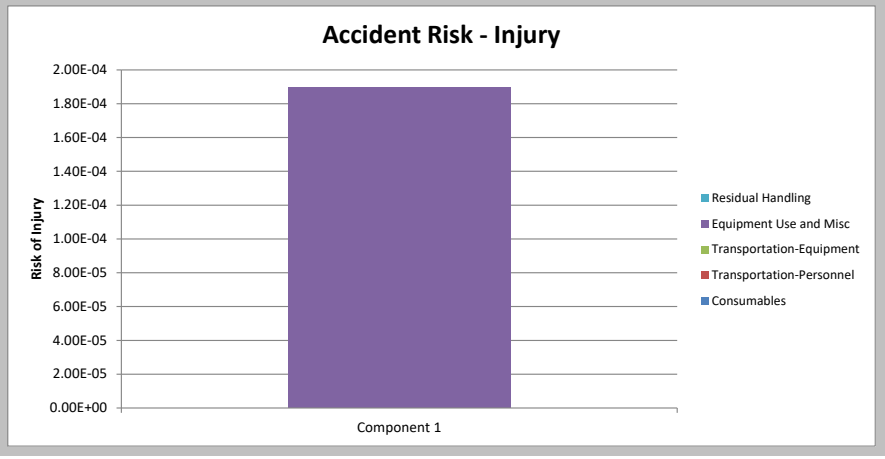

Onsite PM10 Emissions
8.00E-06
7.00E-06
6.00E-06
5.00E-06
4.00E-06
3.00E-06
2.00E-06
1.00E-06
0.00E+00
Metric Ton
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

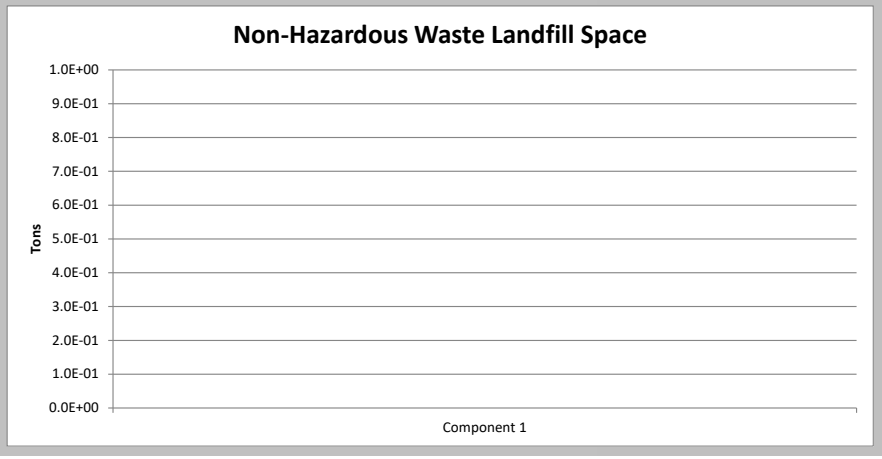

Total NOx Emissions
1.20E-04
1.00E-04
8.00E-05
6.00E-05
4.00E-05
2.00E-05
0.00E+00
Metric Ton
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables


Total SOx Emissions
3.00E-05
2.50E-05
2.00E-05
1.50E-05
1.00E-05
5.00E-06
0.00E+00
Metric Ton
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

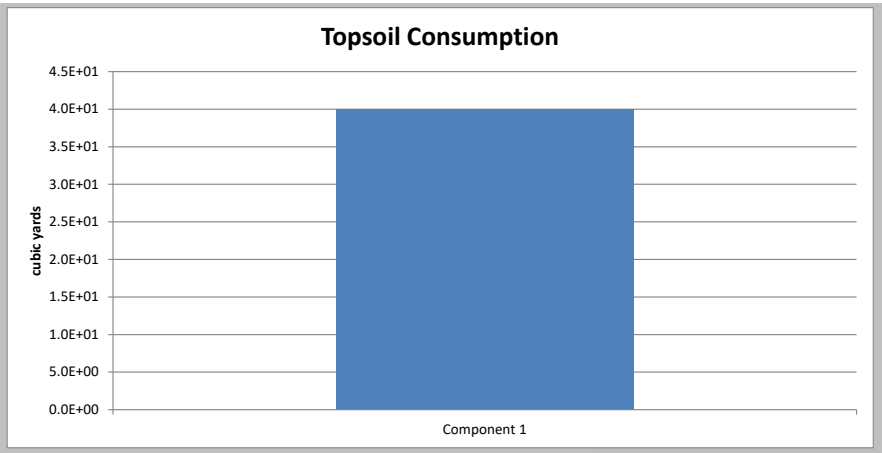

Total PM_{10} Emissions
1.20E-05
1.00E-05
8.00E-06
6.00E-06
4.00E-06
2.00E-06
0.00E+00
Metric Ton
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

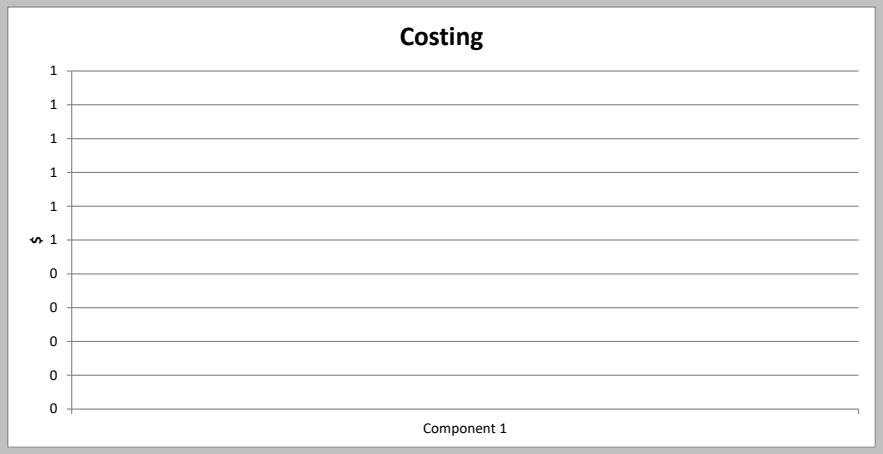

Accident Risk - Fatality
8.00E-07
7.00E-07
6.00E-07
5.00E-07
4.00E-07
3.00E-07
2.00E-07
1.00E-07
0.00E+00
Risk of Fatality
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables

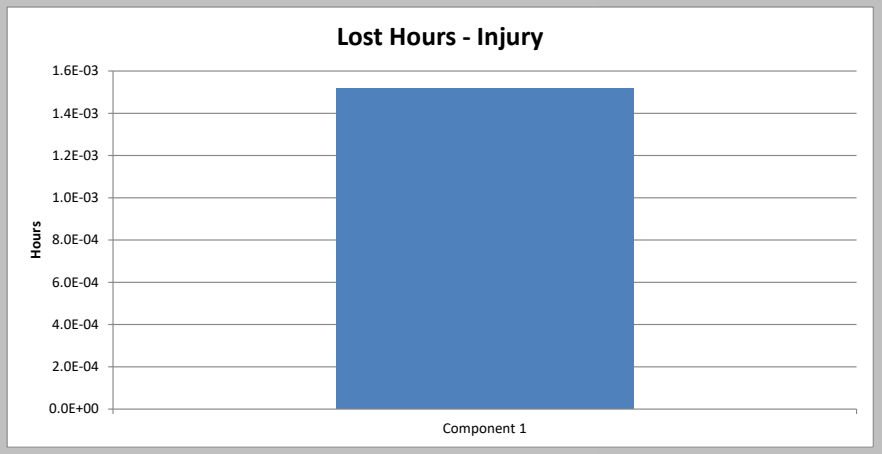

Accident Risk - Injury
2.00E-04
1.80E-04
1.60E-04
1.40E-04
1.20E-04
1.00E-04
8.00E-05
6.00E-05
4.00E-05
2.00E-05
0.00E+00
Risk of Injury
Component 1
Residual Handling
Equipment Use and Misc
Transportation-Equipment
Transportation-Personnel
Consumables


Non-Hazardous Waste Landfill Space
1.0E+00
9.0E-01
8.0E-01
7.0E-01
6.0E-01
5.0E-01
4.0E-01
3.0E-01
2.0E-01
1.0E-01
0.0E+00
Tons
Component 1


Hazardous Waste Landfill Space
1.0E+00
9.0E-01
8.0E-01
7.0E-01
6.0E-01
5.0E-01
4.0E-01
3.0E-01
2.0E-01
1.0E-01
0.0E+00
Tons
Component 1


Topsoil Consumption
4.5E+01
4.0E+01
3.5E+01
3.0E+01
2.5E+01
2.0E+01
1.5E+01
1.0E+01
5.0E+00
0.0E+00
cubic yards
Component 1


Costing
1
1
1
1
1
1
0
0
0
0
0
$
Component 1


Lost Hours - Injury
1.6E-03
1.4E-03
1.2E-03
1.0E-03
8.0E-04
6.0E-04
4.0E-04
2.0E-04
0.0E+00
Hours
Component 1